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INPI INSTITUTO
NACIONAL
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Pedidos de Patente sobre Energia Eólica - N° 7



**Pedidos publicados no
1º semestre de 2012**

Diretoria de Cooperação para o Desenvolvimento – DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
Coordenação de Estudos e Programas – CEPRO
outubro 2012

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1. INTRODUÇÃO

1.1 - Alerta Tecnológico

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), mantém um acervo com a descrição dos pedidos de patente e de registros de desenhos industriais. Uma de suas atribuições é divulgar e disseminar a utilização destas informações bibliográficas e técnicas. Para tanto, o CEDIN dispõe da Coordenação de Estudos e Programas – CEPRO, cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual se pode ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação¹ (livros, artigos técnicos etc.).

O objetivo desta publicação, de periodicidade semestral, é o de alertar sobre os depositantes mais expressivos em determinado período, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas, e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período, permitindo, desta forma, a atualização periódica de seu público alvo.

Um pedido de patente é constituído de uma folha de rosto, do relatório descritivo da invenção, das reivindicações (quadro reivindicatório), dos desenhos (se necessário) e do resumo. A folha de rosto contém os dados bibliográficos do pedido de patente, tais como, os nomes dos depositantes e dos inventores, as datas e os

¹ Hong, Soonwoo. **The Magic of Patent Information**, Disponível em: <http://www.wipo.int/sme/en/documents/patent_information.htm#basics>. Acesso em 10 de outubro de 2008.

números de depósito, de publicação e de prioridade do pedido, a classificação internacional, o título e o resumo da invenção, entre outros.

Os dados bibliográficos e a cópia completa do pedido de patente podem ser obtidos nas seguintes bases de patente disponíveis, gratuitamente, na internet:

1. Base Brasileira de Pedidos de Patente ²: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes³ :
<http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes ⁴: <http://uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) (família do pedido de patente ⁵) aos pedidos de patente estrangeiros listados no Anexo I, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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As cópias integrais dos pedidos de patente de interesse também podem ser solicitadas por meio do endereço copdocpat@inpi.gov.br ou por correio postal ao endereço anteriormente mencionado.

² Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982

³ Contém pedidos de patente depositados e publicados em mais de 70 países

⁴ Contém pedidos de patente depositados ou concedidos e publicados apenas nos Estados Unidos.

⁵ Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patente refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008)

1.2 - Pedidos de patente sobre Energia Eólica

A conversão da energia eólica em mecânica era utilizada, inicialmente, para a moagem de grãos ou bombeamento de água, por exemplo. Atualmente, é utilizada para mover aerogeradores para produção de energia elétrica. Os aerogeradores são grandes turbinas com formato de catavento ou moinho, colocados em locais de vento intenso e que produzem energia elétrica por meio do movimento de suas pás. Podem ser utilizados isoladamente ou agrupados em parques eólicos. Se utilizados agrupadamente, tornam a produção de energia elétrica mais rentável.

Algumas tecnologias mais recentes utilizam turbovelas ou volutas verticais. Estes equipamentos capturam o vento ao passar em rotores axiais protegidos internamente e assim, eliminam os riscos de colisão das pás com objetos voadores, tais como pássaros.

Assim, objetivando fornecer informações importantes sobre o estado da técnica relacionado às tecnologias de aproveitamento da energia eólica, como suporte aos interessados em desenvolver tecnologia endógena, o INPI, por meio da Coordenação de Estudos e Programas do CEDIN, publica este alerta tecnológico com os mais recentes desenvolvimentos nesse setor, os quais foram alvo de depósitos de patente em todo o mundo.

Para a realização deste trabalho, utilizou-se o banco de dados do Escritório Europeu de Patentes. O período selecionado para pesquisa compreendeu os pedidos de patente publicados entre 01/01/2012 a 30/06/2012. A metodologia para a coleta dos documentos levou em conta as áreas da Classificação Internacional de Patentes, na qual foram selecionados os pedidos de patente em que pelo menos uma das classificações internacionais⁶ seja **F03D – Motores Movidos a Vento**.

⁶ Um documento de patente pode conter uma ou mais classificações.

2. RESULTADOS

2.1 - Mundo

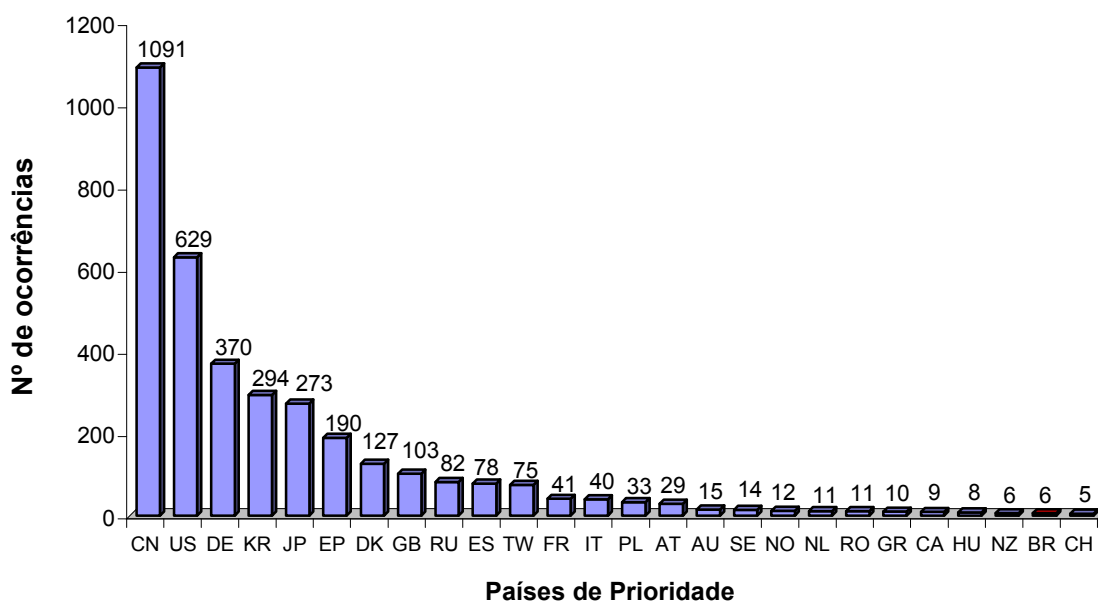
A busca realizada no sistema resultou num total de 4096 documentos de patente publicados ao redor do mundo no período considerado. Um ponto importante a ser analisado diz respeito ao país da prioridade unionista do depósito, o que na maioria das ocorrências indica a origem da tecnologia contida nos documentos. O país da prioridade é o país onde foi realizado o primeiro depósito do pedido de patente. Ressalta-se que o depositante pode solicitar a prioridade de seu pedido de patente em um país diferente do país de sua residência, entretanto tal prática não se verifica na maioria dos pedidos.

No Gráfico 1 são apresentados os países de prioridade dos documentos recuperados no período e o número de ocorrências em cada país. Foram encontrados 1091 documentos com prioridade chinesa. Este número representa 26,63% dos pedidos de patente publicados. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patente, com um total de 629 pedidos publicados, representando 15,35% do total dos pedidos.

A Alemanha ocupa a terceira posição do ranking, com 370 pedidos prioritários, equivalendo a 9,03% do total. O quarto lugar no ranking de prioridades é ocupado pela Coreia do Sul, com 294 pedidos, o que equivale a 7,17% do total de documentos publicados no período considerado.

No que diz respeito aos pedidos no Brasil, foram publicados 6 documentos com prioridade nacional, o que corresponde a vigésima quinta posição no ranking dentre os 53 países que tiveram documentos publicados no período.

Gráfico 1: Países de prioridade dos documentos recuperados em nível mundial x número de ocorrências.



Fonte: Elaboração própria a partir do banco de dados do Escritório Europeu de Patentes.

Os dados recuperados no levantamento, e constantes da Tabela 2, comprovam a primazia da China com 1091 depósitos prioritários de patente publicados, sendo a maior parte dos mesmos efetuados por inventores independentes. Também foram contabilizados na China 92 pedidos de patente com prioridade estrangeira no primeiro semestre de 2012. Os Estados Unidos, que totalizaram 629 pedidos publicados com prioridade nacional, ocupam a segunda posição no ranking e também se destacam pelo fato de que foram alvo do maior número de prioridades estrangeiras, com 112 incidências, podendo-se daí inferir o grande interesse dos outros países detentores de tecnologia eólica pelo seu mercado. O terceiro lugar é ocupado pela Alemanha que totalizou 370 pedidos prioritários nacionais e também contou com outros 22 pedidos prioritários estrangeiros publicados no 1º semestre de 2012.

Os dados da Tabela 2 também revelam a intensa concentração tecnológica no setor, refletida no número de pedidos de patente publicados, no período considerado, constatando-se que dentre todos pedidos de prioridade, os seis países de que ocupam as primeiras posições são: China, Estados Unidos, Alemanha, Coréia do Sul, Japão e Dinamarca detém 87,74% do total de pedidos. Assim, os

demais 12,26% de pedidos prioritários publicados no período correspondem aos outros 47 países do presente levantamento.

Na tabela 1, a seguir, são identificados os principais depositantes em energia eólica com maior número de pedidos de patente publicados no período em análise, bem como seus respectivos países de origem, e o total de pedidos publicados em cada um destes.

Tabela 1: Relação dos principais depositantes dos países com pedidos de prioridade de patente e do número de pedidos publicados no 1º semestre de 2012

Depositante	Total de Documentos
GEN ELECTRIC [US]	190
VESTAS WIND SYS AS [DK]	158
MITSUBISHI HEAVY IND LTD [JP]	118
SIEMENS AG [DE]	98
WOBLEN ALOYS [DE]	38
SANY ELECTRIC CO LTD [CN]	32
GUODIAN UNITED POWER TECH CO [CN]	31
GAMESA INNOVATION & TECH SL [ES]	28
SINOVEL WIND GROUP CO LTD [CN]	25
SAMSUNG HEAVY IND [KR]	24
REPOWER SYSTEMS AG [DE]	22
NORDEX ENERGY GMBH [DE]	20
REPOWER SYSTEMS SE [DE]	20
ALSTOM WIND S L U [ES]	19
POLITECHNIKA WROCLAWSKA [PL]	19
LM GLASFIBER AS [DK]	18
TIANJIN UNIVERSITY [CN]	16
SSB WIND SYSTEMS GMBH & CO KG [DE]	14
BOSCH GMBH ROBERT [DE]	14

Fonte: Elaboração própria a partir do banco de dados do Escritório Europeu de Patentes.

Na Tabela 1 são identificados os 19 principais depositantes em nível mundial, no primeiro semestre de 2012, tendo sido selecionados aqueles com catorze ou mais depósitos publicados no período. Pode-se observar o amplo predomínio das sete empresas alemãs, que totalizam 226 depósitos publicados. Destaca-se ainda a presença de uma única empresa norte americana que conta com 190 depósitos e duas empresas de origem dinamarquesa que somam 176 depósitos. Figuram ainda dentre os maiores depositantes uma empresa japonesa, com 118 depósitos, uma universidade e três empresas de origem chinesa que somam 104 depósitos, duas

empresas espanholas com 47 depósitos; uma empresa finlandesa sul coreana com 24 depósitos. Cabe ressaltar ainda a presença de uma universidade polonesa (Politechnika Wroclawska) que contabiliza 19 depósitos publicados, fato inédito nesta série de alertas tecnológicos.

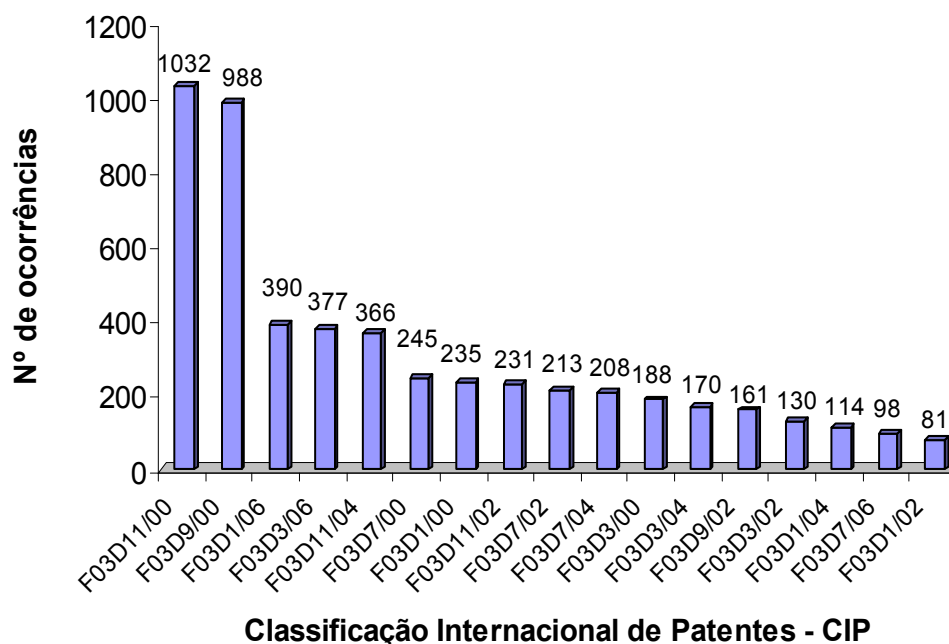
A exemplo do que ocorreu em outros períodos considerados em alertas anteriores, ainda com referência a análise de dados da Tabela 1, cabe ressaltar a alta concentração de depósitos em poucas empresas líderes do setor, notadamente nos Estados Unidos, Japão e Dinamarca. Cabe ainda destacar que embora a China seja o país com maior número de depósitos prioritários, tal como observado no Gráfico 1, esta situação não se repete quando leva-se em conta as principais empresas mundiais em energia eólica, pois neste caso aquele país conta com apenas quatro representantes contabilizando 104 depósitos. Entretanto, constata-se que tal número apresenta significativo aumento em relação ao alerta tecnológico anterior, quando foram contabilizados dentre os principais depositantes, apenas 25 depósitos oriundos da China, publicados no segundo semestre de 2011.

A Alemanha, com sete representantes, figura como o país com maior número de empresas na tabela acima citada, totalizando 226 pedidos de patente, refletindo desta forma melhor distribuição da tecnologia em energia eólica naquele país.

No que diz respeito às áreas de concentração de tecnologia no presente alerta, foi verificado em quais itens da Classificação Internacional de Patentes - CIP estavam distribuídos os documentos encontrados.

O Gráfico 2, permite visualizar quais são as tecnologias relacionadas à energia eólica com maior número de incidências, descritas nos pedidos de patente publicados no primeiro semestre de 2012, sendo consideradas todas as classificações com número igual ou superior a 81 ocorrências no período.

Gráfico 2: Distribuição dos documentos na Classificação Internacional de Patentes x número de ocorrências



Fonte: Elaboração própria a partir do banco de dados do Escritório Europeu de Patentes.

F03D - Motores Movidos a Vento

F03D11/00- Detalhes, peças ou acessórios não incluídos nos, nem pertinentes aos outros grupos desta subclasse;

F03D9/00 - Adaptações de motores a vento para uso especial; Combinações de motores a vento com aparelhos por eles acionados;

F03D1/06 – Motores a vento com o eixo de rotação sensivelmente na direção do vento; Rotores.

F03D3/06 - Motores a vento com o eixo de rotação sensivelmente em ângulo reto com a direção do vento; Rotores.

No que diz respeito às áreas de concentração tecnológica dos pedidos, segundo a Classificação Internacional de Patentes-CIP, foram identificados dezessete principais grupos e sub-grupos, sendo os que os cinco primeiros concentram 60,32% de todos os pedidos publicados. Com relação as alterações ora observadas, em

comparação aos últimos levantamentos, verifica-se que a maior incidência de pedidos permaneceu no grupo principal F03D11/00, referente a detalhes, peças e acessórios dos motores eólicos, superando o grupo F03D9/00. Cabe ressaltar ainda que um único pedido de patente pode conter mais de uma classificação.

2.2 - Brasil

Como identificado na Tabela 2, foram publicados no Brasil 15 depósitos sobre energia eólica no primeiro semestre de 2012, sendo cinco com a primeira prioridade nacional e 10 outros com prioridades estrangeiras, assim distribuídos: quatro pedidos com prioridade dinamarquesa e dois pedidos com prioridade chinesa. Além destes verificou-se ainda a ocorrência de um pedido com prioridade oriunda dos seguintes países: Noruega, Itália, Alemanha e Japão. Cabe ressaltar que dentre os dez pedidos com prioridade externa, seis também foram depositados via PCT – Patent Cooperation Treaty , sendo designados pela sigla WO.

Os depósitos com prioridade nacional foram efetuados por quatro inventores independentes e uma empresa. Foi efetuado apenas um único pedido brasileiro no exterior, sendo depositado via PCT (WO).

Tabela 2: Dados bibliográficos dos pedidos de patente sobre
Energia Eólica, publicados no 1º semestre de 2012
(Ordenados segundo o código do país de publicação)

Obs:

1- Os depósitos efetuados pelo sistema PCT – Patent Cooperation Treaty, representados pela sigla WO – World Patent Organization, contam com 358 ocorrências e correspondem a pedidos de prioridade de diversas nacionalidades, já que o sistema PCT atualmente é adotado por 142 países.

2- A sigla EP não representa um país e sim o Escritório Europeu de Patentes.

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AR079209 A1 20120104	ES20110031250U 20111202	F03D3/02	GIL AGNE GILBERTO [ES]	"GENERADOR EOLICO"
AR079326 A1 20120118	ES20100031087 20100716	F03D3/02; F03D1/02	DOBGIR S L [ES]; JUAN ANDREU JOSE MANUEL [ES]	"VERTICAL-AXIS WIND TURBINE"
AR079355 A1 20120118	CN20111261588 20110828	F03B13/00; B60L8/00; B60L11/14; F03D9/02; F03G5/00; F03G6/00; F16H49/00	Huang Changning	220V/380V pure electric vehicle and boat power as well as water, wind and light huge energy storage and huge power generation and twenty engineering applications
AR079360 A1 20120118	CN20111313529 20111017	F03D7/00; F03D9/00	Wang Fengfa	30KW spiral variable-propeller system
AR079362 A1 20120118	CN20112420861U 20111028	F03D11/00	Shanghai Aeolon Wind Energy Technology Development Co., Ltd.	3MW wind power generation blade web glue-blocking fixing device
AR079769 A1 20120222	CN20101526466 20101029	F03D9/00; F03D3/00; F03D11/00	Liyang Tianli Special Motor Co.,Ltd.	40-100 VA permanent magnet type coreless disk type outer-rotor wind driven generator
AR079791 A1 20120222	CN20112070686U 20110317	H02K1/27; F03D9/00	Beijing United Pursuer New Energy Co., Ltd.	500 watt rare earth permanent magnet wind power generator
AR080039 A1 20120307	WO2010EP55443 20100423; DK20090000551 20090429; US20090173770P 20090429	F03D11/00; F16C17/24; F16C33/58; F16C33/66; F16N11/00	VESTAS WIND SYS AS [DK]	A BEARING FOR A WIND TURBINE AND A CANISTER FOR A BEARING

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AR080910 A1 20120516	AU20090903950 20090820; AU20090903946 20090820; WO2010AU01079 20100820	F03D3/06; F03D11/04	WINDWORKS ENGINEERING LTD [CY]	A BLADE ASSEMBLY FOR A WIND TURBINE
AR080931 A1 20120516	WO2010JP59207 20100531	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	A BLADE END PORTION PROTECTING BAG AND A ROTOR INSTALLING METHOD FOR A WIND TURBINE
AT12304U U1 20120315	AU20090903951 20090820; WO2010AU01077 20100820; AU20100283975 20100820	F03D3/06; F03D11/04	WINDWORKS ENGINEERING LTD [CY]	A blade for a turbine
AT12377U U1 20120415	AU20090903949 20090820; WO2010AU01078 20100820; AU20100283976 20100820	F03D3/06; F03D11/04	WINDWORKS ENGINEERING LTD [CY]	A blade for a wind turbine
AT509994 A4 20120115	DK20110070698 20111212	F03D1/06	ENVISION ENERGY DENMARK APS [DK]	A central rotor element for a two bladed wind turbine
AT509995 A4 20120115	NZ20100588159 20100923	H01F38/14; F03D11/00; H02J17/00	POWERBYPROXI LTD [NZ]; ROBERTSON DANIEL [NZ]; BHARGAVA KUNAL [NZ]; MISHRIKI FADY [NZ]; REN SAINING SUNNY [NZ]; WALTON ROBERT [NZ]; LEICAS EUGENIO SIA JR [NZ]	A CONTACTLESS POWER TRANSFER SYSTEM

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT510035 A4 20120115	US20100755435 20100407	F03D11/02	LEE TAI-KOAN [US]	A continuous wind power system with auxiliary blades
AT510210 A1 20120215	TW20100136857 20101028	F03D7/02	ATOMIC ENERGY COUNCIL [TW]	A device applied to HAWT assists the rotor to avoid overspeed
AT510280 A4 20120315	CN20112120575U 20110422	E05B67/00; E05B17/00; F03D11/00	Beijing Century Concord Operation and Maintenance Wind Power Technology Co.,Ltd.	A fan tower anti-theft door locking mechanism
AT510573 A4 20120515	KR20100114693 20101117	F03D11/00; F03D11/02; H02K1/22	SNU R& DB FOUNDATION [KR]	A FAST ROTATING ROTOR SYSTEM FOR COST REDUCTION OF A LARGE HORIZONTAL AXIS WIND TURBINE
AT510624 A1 20120515	US20100959624 20101203	F03D9/00; E02D27/50; F03D7/02; F03D11/04	GEN ELECTRIC [US]	A floating offshore wind farm, a floating offshore wind turbine and a method for positioning a floating offshore wind turbine
AT510625 A1 20120515	TR20100008015 20100930	F03B17/06; F03D5/02	YANGOZ MEHMET TURSUN [TR]	A GENERATOR PROVIDING POWER GENERATION FROM SEA WAVE, RIVERS, AND WIND
AT510694 A4 20120615	EP20100187373 20101013	H02K1/20; F01P3/00; F03D11/00	SIEMENS AG [DE]	A GENERATOR, IN PARTICULAR FOR A WIND TURBINE
AT538307T T 20120115	EP20100187375 20101013	H02K1/30; F03D11/00; H02K9/02	SIEMENS AG [DE]	A GENERATOR, IN PARTICULAR FOR A WIND TURBINE
AT538308T T 20120115	WO2010GB00493 20100317; GB20090004871 20090320; US20090160910P 20090317	F03D1/06	VESTAS WIND SYS AS [DK]	A HINGE APPARATUS FOR CONNECTING FIRST AND SECOND WIND TURBINE BLADE COMPONENTS COMPRISING A ROTARY ACTUATOR

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT538309T T 20120115	WO2010GB00475 20100317; GB20090004873 20090320; US20090160905P 20090317	F03D1/06	VESTAS WIND SYS AS [DK]	A HINGED CONNECTION APPARATUS FOR SECURING A FIRST WIND TURBINE COMPONENT TO A SECOND
AT538524T T 20120115	WO2010DK50107 20100517; DK20090070006 20090518; US20090179123P 20090518; DK20100070132 20100329	F03D11/00; F03D1/00	VESTAS WIND SYS AS [DK]	A HUB FOR A WIND TURBINE
AT539258T T 20120115	DK20110070147 20110330	F03D1/06; F03D7/04	VESTAS WIND SYS AS [DK]	A hub for a wind turbine
AT539259T T 20120115	EP20100007201 20100713	F03D1/00	SIEMENS AG [DE]; KJAER HENNING [DK]; KRYGER ARNE [DK]; LARSEN BENT JUUL [DK]	A LIFTING AND GUIDING DEVICE FOR HANDLING WIND TURBINE TOWER SECTIONS
AT539260T T 20120115	US20100360164P 20100630; DK20100000575 20100630	F03D1/00	VESTAS WIND SYS AS [DK]; NIELSEN JESPER [DK]	A METHOD FOR CONTROLLING A WIND TURBINE IN A NON-OPERATIONAL MODE AND A WIND TURBINE
AT540169T T 20120115	US20100423921P 20101216	F03D1/06	INVENTUS HOLDINGS LLC [US]; BRAKE DANIEL [US]; HAMMITT JEFFREY [US]; PECHLIVANOGLU GEORGIOS [DE]	A METHOD FOR DETERMINING OPTIMUM VORTEX GENERATOR PLACEMENT FOR MAXIMUM EFFICIENCY ON A RETROFITTED WIND TURBINE GENERATOR OF UNKNOWN AERODYNAMIC DESIGN

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT540220T T 20120115	US20100359175P 20100628; DK20100070295 20100628	F03D11/00	VESTAS WIND SYS AS [DK]; KHOON PENG LIM [SG]; ZHOU YU [SG]; CHEN WANYING [SG]	A METHOD FOR PERFORMING CONDITION MONITORING IN A WIND FARM
AT540221T T 20120115	US20100409143P 20101102; DK20100070457 20101027	F03D7/02	VESTAS WIND SYS AS [DK]; GOODMAN JENNY [GB]; HALES KELVIN [GB]	A METHOD OF CONTROLLING A WIND TURBINE
AT540222T T 20120115	DK20110070700 20111212	F03D1/06	ENVISION ENERGY DENMARK APS [DK]	A method of manufacturing a central rotor element
AT541103T T 20120115	DK20100070581 20101223; US201061426543P 20101223	F03D1/00; H02M1/32; H02M5/458; H02M7/06	VESTAS WIND SYS AS [DK]; GUPTA AMIT KUMAR [SG]; TRIPATHI ANSHUMAN [SG]	A METHOD OF OPERATING A WIND TURBINE AS WELL AS A SYSTEM SUITABLE THEREFORE
AT541121T T 20120115	DK20100070538 20101210; US20100421649P 20101210	F03D1/00	VESTAS WIND SYS AS [DK]; GUPTA AMIT KUMAR [SG]; TRIPATHI ANSHUMAN [SG]; STYHM OVE [DK]; HELLE LARS [DK]; KARUPPANAN YUGARAJAN [SG]; OPINA GIL JR LAMPONG [SG]	A METHOD OF OPERATING A WIND TURBINE AS WELL AS A SYSTEM SUITABLE THEREFORE
AT541122T T 20120115	US20100344564P 20100823	B63B35/00; B63B21/50; B63B35/38; B63B38/00; F03D9/00; H01L31/042	HANN OCEAN TECHNOLOGY PTE LTD [SG]; HAN HENRY LEI [SG]	A MODULAR SYSTEM FOR IMPLEMENTATION OF SOLAR, WIND, WAVE, AND/OR CURRENT ENERGY CONVERTORS
AT541123T T 20120115	KR20100100695 20101015	F03D11/04; E02D27/42; E04H12/28	NAMKYUNG R & AMP D CO LTD [KR]	A PILLAR FOR HYBRID RENEWABLE ENERGY SYSTEM

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT541124T T 20120115	US20100417335P 20101126; DK20100070510 20101126; US20100420940P 20101208; GB20100020828 20101208	F03D7/02; F03D1/06; F03D11/00	VESTAS WIND SYS AS [DK]; ANDERSEN JESPER LYKKEGAARD [DK]; MOELGAARD JEPPESEN OLE [DK]; ROWNTREE ROBERT [GB]; CHRISTOFFERSEN LEIF [DK]; BOETTCHER PETER [DK]; MADDEN GARY [GB]	A PITCH SYSTEM FOR A WIND TURBINE
AT541743T T 20120215	KR20100099590 20101013	F03D9/00; C25B1/02; F03D1/02	SAMSUNG HEAVY IND [KR]	A PLANT FOR PRODUCING HYDROGEN USING OFFSHORE WIND POWER GENERATOR
AT543106T T 20120215	NZ20070584116 20070323; NZ20060546169 20060324	F03D9/00; F03D3/02; F03D11/04	PACER TURBINES LTD	A portable vertical axis wind turbine with electrical power generator
AT543249T T 20120215	IE20090000598 20090731; IE20090000476 20090619; WO2010EP58655 20100618	F03D1/04	NEW WORLD ENERGY ENTPR LTD [IE]	A pressure controlled wind turbine enhancement system
AT543250T T 20120215	KR20100067491 20100713	F24D19/10; F03D3/00; F24D15/00	HAN ENERGY SYSTEM [KR]	A REVISING CONTROL METHOD OF HEATING TIME IN PROPORTION TO CHANGE RATE OF INDOOR TEMPERATURE
AT544004T T 20120215	US20100423360P 20101215; DK20100070547 20101215	F03D11/00; F16N7/36	VESTAS WIND SYS AS [DK]; KORSGAARD NIELSEN THOMAS [DK]; SCHJOETT SIMON [DK]; DEMTROEDER JENS [DK]	A ROTATING SYSTEM FOR A WIND TURBINE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT544005T T 20120215	DE200410045415 20040918; WO2005EP54177 20050825	F03D1/06; F03D11/00	ALOYS WOBLEN [DE]	A rotor blade cover for daytime visual identification of a wind power installation
AT544219T T 20120215	WO2010EP51842 20100215; DK20090000216 20090216; US20090153083P 20090217	F03D1/06	VESTAS WIND SYS AS [DK]	A rotor blade for a wind turbine and a method for making the same
AT544946T T 20120215	WO2010EP52881 20100308; DK20090000358 20090313; US20090159997P 20090313	F03D1/00; F03D11/00	VESTAS WIND SYS AS [DK]	A ROTOR LOCK FOR A WIND TURBINE
AT544947T T 20120215	WO2009GB02561 20091028; GB20090006713 20090420	F03B13/06; F03B13/18; F03B13/26; F03D9/02	SCHETRUMPF JOHN [GB]	A SAFE DAM COMPLEX TO EXTRACT, STORE AND CONVERT RENEWABLE ENERGIES
AT544948T T 20120215	DK20100001062 20101117	E04G21/32; F03D11/04	CATONETS LICENS APS [DK]; CHRISTENSEN CATO CASTRO [DK]	A SAFETY NET FOR MOUNTING IN A WIND TURBINE TOWER
AT544949T T 20120215	WO2010IT00229 20100525; IT2009BO00337 20090526	F03D7/02; B64C11/34	TOZZI NORD S R L [IT]	A SAFETY SYSTEM FOR WIND TURBINES AND RELATED WIND TURBINE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT545782T T 20120315	WO2010EP70367 20101221	F03D11/00; F16C17/04; F16C17/06; F16C17/08; F16C17/24; F16F7/06	3E [BE]; DUFFEY THOMAS [BE]	A SLIDING YAW BEARING WITH A ROTOR LOAD DEPENDENT ROTARY STIFFNESS
AT546640T T 20120315	ES20100000979 20100728	F03D11/00; F03D7/02; F03D11/02	GAMESA INNOVATION & TECH SL [ES]	A slip ring unit for direct drive wind turbines
AT546641T T 20120315	EP20090169085 20090831	G01S13/90; F03D9/00	THALES NEDERLAND BV [NL]	A surveillance system for detecting targets with high cross-range resolution between targets
AT546642T T 20120315	US20100409272P 20101102; GB20100018502 20101102	F03D11/00	VESTAS WIND SYS AS [DK]; OLESEN IB SVEND [DK]; GLAVIND LARS [DK]	A SYSTEM AND METHOD FOR IDENTIFYING THE LIKELIHOOD OF A TOWER STRIKE IN A WIND TURBINE
AT546643T T 20120315	KR20100130463 20101220	F03D11/04; B21D53/00; B23K31/02; B23P15/00	KIM SEK YEOM [KR]	A SYSTEM FOR MANUFACTURING A WIND TOWER OF POWER GENERATOR AND ITS PROCESS
AT546644T T 20120315	KR20100106956 20101029	F03D7/00; F03D7/02; F03D11/00	HILEBEN CO LTD [KR]	A SYSTEM TO REDUCE VIBRATION-NOISE OF WIND TURBINE
AT546645T T 20120315	EP20100180129 20100927	F03D11/00; F16C19/38	SIEMENS AG [DE]	A THREE ROW ROLLER BEARING, IN PARTICULAR FOR A WIND TURBINE
AT546646T T 20120315	GB20110002990 20110221; GB20100014120 20100824	F03D9/02	DEMETRIOU DEMETRIOS [GB]	A TRANSMISSION UNIT
AT546647T T 20120315	EP20100007202 20100713	F03D1/00	SIEMENS AG [DE]; KJAER HENNING [DK]; KRYGER ARNE [DK]; LARSEN BENT JUUL [DK]	A TRANSPORT AND STORAGE ASSEMBLY FOR WIND TURBINE TOWER SEGMENTS

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT546648T T 20120315	TW100218024U 20110927	F03D11/02	LI YING-HUNG [TW]; LIN CHIA-WEI [TW]; FUN ENERGY CO LTD [TW]	A type of wind turbine blade
AT547623T T 20120315	TW20100122660 20100709	F03D11/00	CHEN WEN-YUN [TW]	A vane structure of aerogenerator
AT547625T T 20120315	DK20090070084 20090814; US20090236898P 20090826; WO2010SG00294 20100810	F03D7/00; F03D9/02	VESTAS WIND SYS AS [DK]	A VARIABLE SPEED WIND TURBINE, AND A METHOD FOR OPERATING THE VARIABLE SPEED WIND TURBINE DURING A POWER IMBALANCE EVENT
AT548317T T 20120315	TW100136450 20081203	F03D3/06; F03D11/04	IND TECH RES INST [TW]	A vertical axial wind-driven generator
AT548563T T 20120315	GB20100014435 20100831	F03D3/06; F03B17/06; F03D3/00	M & A ENGINEERING ENTPR LTD [IE]	A Vertical Axis Turbine With Balanced Paired Vanes
AT548564T T 20120315	TW20100129211 20100831	F03D3/06	CHEN HAI AO-MENG [TW]	A vertical type wind power generator
AT548565T T 20120315	TW20100136860 20101028	F03D7/00	ATOMIC ENERGY COUNCIL [TW]	A wind direction calibration device
AT549510T T 20120315	DE20031004026 20030201; DE20031010036 20030306; NZ20040541284 20040202	F03D11/00; E04H12/00; E06B5/10; F03D1/00; F03D11/04	ALOYS WOB BEN [DE]	A wind energy plant where an entrance lock is used to keep water, salt or humid air out of the interior
AT549511T T 20120315	WO2010EP57791 20100603; SE20090050422 20090608	F03D11/00; F03D7/02	GE WIND ENERGY NORWAY AS [NO]	A WIND POWER PLANT AND A METHOD OF OPERATING A WIND POWER PLANT

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT549512T T 20120315	US20100416192P 20101122	F03D3/02	FAR WEST RENEWABLE ENERGY CORP [US]; HASSENFLU JOHN FRANZ [US]; BOEDEKER PETER MICHAEL [US]	A WIND TURBINE
AT549513T T 20120315	IT2009RE00077 20090728; WO2010EP51650 20100210	F03D3/04	COMET S R L [IT]	A WIND TURBINE
AT549547T T 20120315	AU20100902917 20100630	F03D3/04; F03D1/04	WOJNAR SEBASTIAN [AU]	A WIND TURBINE AIR FLOW DEVICE
AT550546T T 20120415	WO2010EP56925 20100519; DK20090070008 20090519; US20090179534P 20090519	F03D1/06	VESTAS WIND SYS AS [DK]	A WIND TURBINE AND A BLADE FOR A WIND TURBINE
AT550547T T 20120415	WO2010NL00049 20100319; NL20091036730 20090319; NL20091036821 20090406	H02K7/18; F03D9/00; H02K1/16; H02K1/18; H02K1/20; H02K9/14	XEMC DARWIND B V [NL]	A WIND TURBINE AND A DIRECT-DRIVE GENERATOR
AT550825T T 20120415	WO2010NL00048 20100319; NL20091036733 20090319	H02K1/16; F03D9/00; H02K1/18; H02K1/20; H02K7/18; H02K9/02; H02K9/14	XEMC DARWIND B V [NL]	A WIND TURBINE AND A DIRECT-DRIVE GENERATOR

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT551524T T 20120415	DK20100070510 20101126; US20100417335P 20101126	F03D11/00; F03D7/02; F03D11/04	VESTAS WIND SYS AS [DK]	A wind turbine and a method for pitching a blade of a wind turbine
AT551525T T 20120415	DK20100070548 20101215; US20100423352P 20101215	F03D11/00	VESTAS WIND SYS AS [DK]; KORSGAARD NIELSEN THOMAS [DK]; FROEKJAER POUL SPAERHAGE [DK]	A WIND TURBINE AND A METHOD OF OPERATING A WIND TURBINE
AT551526T T 20120415	GB20100011539 20100708	F03D1/06	BLADE DYNAMICS LTD [GB]; HAYDEN PAUL [US]; BEHMER HARALD [GB]	A WIND TURBINE BLADE
AT551527T T 20120415	DK20110070171 20110411	F03D1/06	VESTAS WIND SYS AS [DK]	A WIND TURBINE BLADE FACTORY
AT552100T T 20120415	WO2010GB00476 20100317; GB20090004869 20090320; US20090160913P 20090317	F03D1/06	VESTAS WIND SYS AS [DK]	A WIND TURBINE BLADE HAVING A HINGED CONNECTION APPARATUS PROVIDING ELECTRICAL PROTECTION
AT552386T T 20120415	US20090235190P 20090819; US20090257215P 20091102; DK20090070186 20091102; WO2010EP62095 20100819	F03D11/00	VESTAS WIND SYS AS [DK]	A WIND TURBINE COMPONENT HAVING AN EXPOSED SURFACE MADE OF A HYDROPHOBIC MATERIAL
AT552421T T 20120415	US20100362529P 20100708; DK20100070321 20100708	F03D11/02	VESTAS WIND SYS AS [DK]; MURASZEWSKI STEFFEN [DE]; JAKOBSEN JOERGEN [DK]	A WIND TURBINE COMPRISING A DETUNER

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT552484T T 20120415	US20100378574P 20100831; DK20100070379 20100831	F03D11/00; F03D7/04	VESTAS WIND SYS AS [DK]; TIETZE POUL T [DK]; NYVAD JESPER [DK]; NIELSEN JAKOB HVIID [DK]; ANDERSEN JESPER LYKKEGAARD [DK]; ROED CARSTEN [DK]	A WIND TURBINE HAVING A HEAT TRANSFER SYSTEM
AT553296T T 20120415	DK20100070511 20101126; US20100417340P 20101126	F03D7/02	VESTAS WIND SYS AS [DK]	A wind turbine having a hydraulic blade pitch system
AT553858T T 20120515	US20100409170P 20101102; DK20100070459 20101027	F03D1/06; F03D11/00	VESTAS WIND SYS AS [DK]; ERICHSEN HANS V [DK]	A WIND TURBINE LIGHTNING PROTECTION SYSTEM AND WIND TURBINE BLADE
AT554286T T 20120515	WO2010EP52772 20100304; DK20090000300 20090306; US20090158048P 20090306	F03D1/06	VESTAS WIND SYS AS [DK]	A WIND TURBINE PROVIDING INCREASED POWER OUTPUT
AT554287T T 20120515	EP20100168260 20100702	F03D11/04; E04H12/00; F16B5/02	SIEMENS AG [DE]	A WIND TURBINE TOWER
AT554314T T 20120515	DK20110070082 20110211	F03D11/00	VESTAS WIND SYS AS [DK]	A WIND TURBINE WITH A SOLAR DRIVEN LUBRICATION REPLENISHMENT/REPLACEMENT SYSTEM
AT554525T T 20120515	DK20070000229 20070212; WO2007DK00385 20070824	F03D1/06; F03D11/00	VESTAS WIND SYS AS [DK]	A WIND TURBINE, A METHOD FOR ESTABLISHING AT LEAST ONE APERTURE IN THE SPINNER ON THE HUB OF A WIND TURBINE ROTOR AND USE OF A WIND TURBINE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT555304T T 20120515	AU20090292602 20090601	F03D9/00	WAKELIN R; WAKELIN G	A zero CO.2 emission off shore city electricity supply generating system
AT555305T T 20120515	JP20100194468 20100831	F03D11/00; F03D7/04; G01M99/00	MITSUBISHI HEAVY IND LTD [JP]	ABNORMAL VIBRATION DETECTION DEVICE OF WIND POWER GENERATOR
AT555332T T 20120515	KR20080036508 20080421; KR20080055657 20080613	F03D5/00	EHNERGEJL KO LTD [KR]	ABOVE-GROUND WIND-DRIVEN GENERATOR SYSTEM USING FLYING BODY
AT556219T T 20120515	US201113330103 20111219; US20090631943 20091207	H04R25/00; F03D9/00	HARWOOD RONALD PAUL [US]; KLEMMER KENNETH ALAN [US]; SCHIRMER LARRY ALAN [US]	ACOUSTIC REFLECTOR AND ENERGY STORAGE FOR MEDIA ASSEMBLIES
AT556220T T 20120515	CN20111366931 20111117	G05D3/12; F03D11/00	Gao Bingtuan	Active balance control system for deep-sea suspended wind generating set
AT556301T T 20120515	US20100944267 20101111	F03D7/02	GEN ELECTRIC [US]	Active control of wind turbine blade
AT556482T T 20120515	US20090472116 20090526	F03D11/00	BOEING CO [US]	Active directional control of airflows over wind turbine blades using plasma actuating cascade arrays
AT556928T T 20120515	CN20101519024 20101025	F03D7/00; B81C1/00	Wang Bingxiang	Active energy absorbing and vibration damping energy saving method of micro-nano blade of large-sized draught fan
AT556975T T 20120515	US201113324015 20111213	F03D7/00	NIES JACOB JOHANNES [NL]; HAANS WOUTER [NL]	ACTIVE FLOW CONTROL SYSTEM AND METHOD FOR OPERATING THE SYSTEM TO REDUCE IMBALANCE
AT557181T T 20120515	US20100826025 20100629	F16J15/16; F03D11/02; F16J15/447	GEN ELECTRIC [US]	Active sealing-draining device
AT557182T T 20120515	US201113231158 20110913	F03D1/06; F03D7/00	GEN ELECTRIC [US]	ACTUATABLE SPOILER ASSEMBLIES FOR WIND TURBINE ROTOR BLADES

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AT557183T T 20120515	US20100312100P 20100309; US20100841170 20100721; US20100841146 20100721; US20090653085 20091207; US20100841149 20100721; US20100804508 20100721; US20100841135 20100721; US20100804509 20100721; US20100804510 20100721; US20100304403P 20100213; WO2010US5436	F02D41/04; F02D41/14; F02D41/20; F02M51/02	MCALISTER TECHNOLOGIES LLC [US]	Adaptive control system for fuel injectors and igniters
AT557468T T 20120515	CN20112180832U 20110531	F03D9/00; F03D3/06; F03D7/06; F03D11/00	GUANGDONG OUTRACE TECHNOLOGY CO LTD	Adaptive strong-wind-resistant vertical wind power generation set

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AU2009292602 A1 20120301	EP20100196963 20101224	F03D1/06; B29D99/00; C08G18/32; C08G18/36; C08G18/42; C08G18/48; C08G18/66; C08G18/76; C09J175/06; C09J175/08; C09K3/10	SIKA TECHNOLOGY AG [CH]	Adhesive as gap and joint filler in wind turbine rotor blades
AU2009349161 A1 20120119	CN20112336065U 20110908	F03D11/00	WENJIN FENG	Adjustable fan blade
AU2009349342 A1 20120119	DE201010034188 20100812	F03D9/00; F03C1/06; F03D7/04; F03D11/00; F03D11/02; F04B1/12; F04B17/02; F04B49/00; F04B49/24; F16H61/44	MPP GBR [DE]	Adjustable hydraulic axial piston engine, in particular for wind power plants with hydrostatic main drive and method for control
AU2009349932 A1 20120202	CN20111339632 20111031	F03D9/00; F03D7/02; H02N15/00	Jiangsu Xingmali Technology Co., Ltd.	Adjustable magnetic-suspension vane wind power generator
AU2009349979 A1 20120209	IT2010TO00980 20101209	F03D5/00; B63H9/00; F03D5/06	KITE GEN RES S R L [IT]	Aeolian system for converting energy through power wing airfoils
AU2009351338 A1 20120308	CN20112263205U 20110725	H02N6/00; F03D9/00; F03D11/00	ZIRUI CHENG	Aerial generating system
AU2009354131 A1 20120510	KR20100075815 20100806	F03D5/06; F03D7/00; F03D11/00	WOO JUNG TAEK [KR]	AERIAL WIND POWER GENERATOR WITH WIND DIRECTION ADAPTATION

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AU2009356482 A1 20120621	DE201010063769 20101221	B64C21/02; F03D1/06; F03D11/00; F15D1/12	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Aerodynamic component e.g. vertical tail of aircraft, for influencing air boundary layer, has outer layer influencing air boundary layer with openings, and air-permeable coupling layer provided between outer layer and supporting structure
AU2009357031 A1 20120301	CN20111252679 20110830	F03D11/00; G06F17/50	Chongqing University	Aerodynamic configuration collaborative design method for wind turbine blade
AU2010219296 A1 20120322	JP20100187710 20100825	F03D7/04; F03D11/00	NAT INST OF ADVANCED IND SCIEN	AERODYNAMIC CONTROL BLADE DEVICE USING DIELECTRIC BARRIER DISCHARGE
AU2010246858 A1 20120119	WO2010BR00341 20101011	F03D1/04	ALVES CABRAL ARNO CLOVIS [BR]	AERODYNAMIC CONVERTER OF WIND ENERGY
AU2010246876 A1 20120119	WO2008EP06831 20080820	B63H9/00; F03D5/00	SKYSAILS GMBH & CO KG [DE]	AERODYNAMIC WIND PROPULSION DEVICE HAVING BIELASTIC LINE COUPLING
AU2010249388 A1 20120119	GB20090000494 20090114; WO2010GB50040 20100114	B64C3/20; B21D39/03; B64C3/34	GROVES DAVID [GB]; PAYNE CHRISTOPHER [GB]	AEROFOIL STRUCTURE
AU2010250160 A1 20120119	ES20120030346U 20120329	F03D1/00	SARRIA JIMENEZ DAVID JACOB [ES]	Aerogenerador con alas
AU2010250804 A1 20120119	ES20090002107 20091019	F03D3/04	HERNANDEZ GADEA JOSE FRANCISCO [ES]	AEROGENERADOR DE ALTO RENDIMIENTO A BAJA VELOCIDAD DE VIENTO.
AU2010252562 A1 20120119	AR2010P104989 20101229	F03D1/00; F03D1/04	CIBERT JORGE ANDRES [AR]	AEROGENERADOR DE VELAMEN REGULABLE AUTOMATICAMENTE
AU2010252987 A1 20120112	ES20090001588 20090707	F03D3/00; F03D9/00; F03D9/02	BASTAN PASCUAL JOAQUIN [ES]	AEROGENERADOR EOLICO DE TURBINA DE EJE VERTICAL CON ACUMULADOR DE ENERGIA HIDRAULICO DE NITROGENO.
AU2010254817 A1 20120112	KR20100084573 20100831	F03D3/06; F03D11/00	KEUMPUNG CO LTD [KR]	AEROGENERATOR
AU2010256527 A1 20120112	KR20100075101 20100803	F03D9/00; E02B3/06; F03D11/04	KOREA SOUTH POWER CO LTD [KR]	AEROGENERATOR

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AU2010256544 A1 20120112	KR20110076360 20110801	F03D1/04; F03D1/06; F03D7/02; F03D11/00	KIMI CO LTD [KR]	AEROGENERATOR
AU2010256603 A1 20120112	CN20112297109U 20110816	H02K16/00; F03D9/00	XIONGFEI PAN	Aerogenerator and vertical type aerogenerator
AU2010258604 A1 20120202	CN20112331130U 20110905	F03D3/06	Jiang Zhonghua	Aerogenerator blade
AU2010261783 A1 20120119	CN20111337897 20111101	F16C35/08; F03D11/00; F16C41/00; F16L3/06	Yongji Xinshisu Electric Equipment Co., Ltd.	Aerogenerator cable mandrel
AU2010264534 A1 20120209	CN20112363652U 20110919	F03D9/00; F02B63/04; H02K7/10; H02K7/18	Lin Kexiang	Aerogenerator for motor vehicle
AU2010266201 A1 20120112	KR20100091151 20100916	F03D1/00; F03D11/00; F03D11/02	PUSAN NAT UNIV IND COOP FOUND [KR]	AEROGENERATOR HAVING COAXIAL SHAFT
AU2010268433 A1 20120119	KR20100128258 20101215	F03D5/00; F03G7/08	DARI [KR]	AEROGENERATOR USING BANNER HOLDER
AU2010268928 A1 20120301	IT2009PI00096 20090731; WO2010IB53481 20100730	F03D3/00; F03D3/04; F03D3/06	CHIARELLI MARIO ROSARIO [IT]; MASSAI ANDREA [IT]; BOLOGNESI PAOLO [IT]; RUSSO GIOVANNI [IT]; ATZENI DAVIDE [IT]	AEROGENERATOR WITH FREE INTERNAL FLOW ROTOR
AU2010271183 A1 20120202	CN20112294512U 20110815	F21S9/03; F03D9/00; F21S9/04; F21V17/00; F21V23/00	XIGUANG ZU	Air and light complementation street lamp set

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AU2010272260 A1 20120202	CN20112216958U 20110624	B01D53/75; B01D46/00; B01D53/52; B01D53/62; B01D53/72; E21F11/00; F03D9/00	Qingshijie (Shenyang) Environmental Protection Equipment Technology Co.,Ltd.	Air cleaner for mine escape capsule
AU2010274928 A1 20120216	CN20111259228 20110905	F03D9/02; F03G6/06	Chu Lisen	Air compression energy storage wind power generation method and generating set thereof
AU2010280169 A1 20120119	JP20100267325 20101130; JP20110173858 20110809	F04B35/02; F04B9/08	DAIKIN IND LTD [JP]; SAKAI TOSHIYUKI [JP]; MATSUURA TETSUYA [JP]	AIR COMPRESSION UNIT, SOLAR LIGHT TRACKING SYSTEM, AND WATER SUPPLY SYSTEM
AU2010280803 A1 20120223	DE201010045660 20100917	F03D9/00	STEEL DENNIS PATRICK [DE]	Air conditioning system for multistoried building, has drive unit that is designed as wind turbine which is attached in roof or exterior of building, and mechanically coupled with air conditioner chiller
AU2010281339 A1 20120301	US201113298379 20111117; US20090351624 20090109	F03B11/00; F01D5/08; F01D5/14; F01D5/20; F03D11/00; F04D29/38	FLORIDA TURBINE TECH INC [US]	Air cooled turbine airfoil with sequential impingement cooling
AU2010281738 A1 20120112	WO2009CN70078 20090108	F03D9/00; F01K3/18	PENG JIANNING [CN]	AIR CURRENT GENERATING SYSTEM AND METHOD
AU2010282584 A1 20120308	CN20112278673U 20110803	F03D11/00; G01K7/00	DEYANG DONGFANG HANDE ELECTRIC POWER ENGINEERING CO LTD OWN	Air curtain temperature sensing system
AU2010283581 A1 20120614	CN20112233425U 20110705	F03D11/00	China Creative Wind Energy Co.,Ltd.	Air exhausting structure for wind generating set
AU2010283722 A1 20120405	US20100370753P 20100804	F03D1/04; F01D1/02; F03D3/04;	BRITISH COLUMBIA INST OF TECHNOLOGY [CA]	AIR FLOW DEFLECTOR

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		F15D1/04		
AU2010283975 A1 20120412	CN20112336325U 20110908	F03D9/00; F01N1/08; F03D11/00; F03G6/06	Zhou Dengrong;Zhou Jian	Air flue well power station using energy sources comprehensively
AU2010283976 A1 20120412	CN20111285703 20110923	F03D11/00	Tsinghua University	Air inflation and exhaust blade structure of wind-driven generator
AU2010289837 A1 20120419	CN20101522549 20101028	F03D9/00; F03D1/06; F03D7/04; F04D19/00; F04D29/02	MA KECHAO [CN]	AIR JET WIND TURBINE GENERATOR
AU2010289904 A1 20120223	CN20111457389 20111231	F03D9/00; B60L8/00; F03D1/02; F03D1/04; F03D1/06; F03D11/00; H02K7/116; H02K7/18	Chen Xibin	Air kinetic energy conversion method and air kinetic energy conversion device
AU2010290032 A1 20120223	CN20112220790U 20110627	F03D9/02; F03D3/00; H02J9/04	UNIV HEFEI TECHNOLOGY	Air kinetic field power-generating system used in running process of vehicle
AU2010291175 A1 20120426	CN20112307823U 20110823	F04F1/08; F03D9/00	BAOSHENG LIU	Air lift type wind-driven water elevator
AU2010292640 A1 20120503	CN20101230025 20100708	F03D9/00	Guo Fu	Air operated machine
AU2010294855 A1 20120315	CN20112243732U 20110707	F03D9/00; F03D1/06; F03D7/02; F03D11/02	JIE LIU; XIANGJUN MENG	Air operated machine for small-size agricultural machines
AU2010296489 A1 20120419	CN20112196236U 20110613	F03D9/00; H02N11/00	XINGUANG LIU	Air power and generator

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AU2010297006 A1 20120503	CN20101533330 20101105	F03D7/04; F03D9/00	GUANGDONG TENFO ELECTRICAL GROUP CO LTD	Air quantity adjusting wind driven generator
AU2010302723 A1 20120503	KR20100119366 20101129	F04D13/16; F03D9/02; F04D29/00		AIR TANK FOR POWER WIND COMPRESSOR
AU2010306501 A1 20120607	DE201010051848 20101118	B64C1/22; B64D1/22; F03D1/00	ZELL HORST [DE]	AIRCRAFT COMPRISING AN INTEGRATED WORKING PLATFORM
AU2010307248 A1 20120607	CN20101524654 20101029	F03D9/00; F03D3/02; F03D3/06	Lin Mang	Air-deflector type double-layer air-channel wind driven generator
AU2010312204 A1 20120419	CN20101216500 20100702	F03D1/04; F03D1/06; F03D9/02	CONG YANG [CN]	AIRFLOW COLLECTION DEVICE, WIND TURBINE AND WIND POWER COLLECTION DEVICE
AU2010317201 A1 20120531	US20100372172P 20100810	F03D9/00; F24F7/02	US GREEN ENERGY SOLUTIONS LLC [US]; SMITH PATRICK S [US]; SMITH EDGAR A [US]	AIRFLOW GENERATOR

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AU2010317892 A1 20120628	US201013148802 20100209; US20090151367P 20090210; US20090151341P 20090210; US20090151417P 20090210; US20090151391P 20090210; US20090159715P 20090312; US20090159712P 20090312; US20090159713P 20090312; US20090159714P 20090312; WO2010US23621 20100209	F03D1/06; F16K3/30	UNIV WEST VIRGINIA [US]	AIRFOIL FOR CIRCULATION CONTROLLED VERTICAL AXIS WIND TURBINES
AU2010320982 A1 20120531	US20100968473 20101215	B29C65/18; B29C65/78; B64C3/26; F03B3/12; F03D1/06	BOEING CO [US]	AIRFOIL MANUFACTURING SYSTEM
AU2010324438 A1 20120503	EP20100014653 20101116	F03D11/00	BAUMER INNOTECH AG [CH]	Alignment device for measuring devices in a wind turbine rotor
AU2010324909 A1 20120607	TR20100006983 20100823	F03D9/02	KOC HIDIR [TR]	ALTERNATE SYSTEM FOR ENERGY GENERATION
AU2010328633 A1 20120621	CN20112197022U 20110613	F03D7/00; H02J7/00; H02J9/04	REENERGY ELECTRIC SUZHOU CO LTD	Alternating current variable-pitch control system

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AU2010328718 A1 20120531	KR20110062223 20110627	F03D9/00; F03D11/04	LEE DAL EUN [KR]	AN APPARATUS USE OF WIND FOR COMPRESSED AIR
AU2010329172 A1 20120202	EP20100007200 20100713	F03D1/00	SIEMENS AG [DE]; KJAER HENNING [DK]; LARSEN BENT JUUL [DK]; HELTOFT LARS [DK]; KRYGER ARNE [DK]	AN ASSEMBLY RIG FOR ASSEMBLING A WIND TURBINE TOWER OR WIND TURBINE TOWER SECTIONS AND A RESPECTIVE METHOD
AU2010329978 A1 20120621	GB20100019299 20101116	F03D9/00; F03D3/00	MICHAEL HARRIS [GB]; DEGD LTD [GB]	An Electrical Generating Device
AU2010331461 A1 20120112	KR20100068482 20100715	F03D11/00; F03D7/00; G06F19/00; G08B31/00	LG ELECTRONICS INC [KR]	AN EXPECTATION METHOD FOR GENERATED POWER BR AN WIND-POWER GENERATOR
AU2010331570 A1 20120119	IN2010MU01930 20100702	F03D3/00; F03D3/02	PAWAR PRAKASH PRABHAKAR [IN]	AN IMPROVED TWIN DIRECTONAL TURBINE / ALTERNATOR / GENERATOR FOR WIND POWER GENERATION
AU2010336190 A1 20120308	TW20100122658 20100709	F03D1/00; F03D11/00	CHEN WEN-YUN [TW]	An offshore wind power generator and base thereof
AU2010336191 A1 20120119	TW20100129210 20100831	F03D3/06	CHEN HAI AO-MENG [TW]	An power generator with air bearing
AU2010336271 A1 20120223	CN20112123002U 20110425	F03D11/00	JIANGYIN HENGRUN HEAVY INDUSTRY CO LTD	Anchoring flange used in wind-powered tower
AU2010336272 A1 20120216	CN20082170774U 20081225	F03D7/02	Zhejiang Huaying Wind Power Generator Co., Ltd.	Anemoscope for wind direction alignment of wind driven generator
AU2010336835 A1 20120112	CN20112200483U 20110615	F03D3/00; F03D3/06	RONGXING JIN	Angle-adjustable wind wheel
AU2010339143 A1 20120531	NO20100001786 20101221	F03D1/04; F03B17/00	KMS CORPORATE AS [NO]	Anlegg og fremgangsmate for utvinning av energi fra et strommende fluid
AU2010340367 A1 20120524	CN20111220597 20110803	F03G6/06; F03D7/04; F03D9/00; F24J2/12;	Ju Jien	Annular parabolic wind-gathering and light-gathering integrated heating power generation system

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		F24J2/40		
AU2010340785 A1 20120426	CN20112279531U 20110803	F03G6/06; F03D7/04; F03D9/00; F24J2/12; F24J2/40	JIEN JU	Annular paraboloid wind-gathering and light-gathering integrated heating power generation system
AU2010341071 A1 20120614	DE200910032885 20090713; WO2010EP59705 20100707	H02K1/06; F03D9/00; H02K15/03; H02K21/22	JUNGE MARTIN [DE]; JOECKEL ANDREAS [DE]	ANNULAR ROTOR FOR AN ELECTRIC MACHINE
AU2010341386 A1 20120503	CN20101220470 20100702	F03D9/00; F03D1/00	Xiao Yanyi	Annular wind power permanent magnetic direct-driven generator
AU2010341784 A1 20120112	DE201220002160U 20120229	F03D9/00; F03D1/02; F03D1/04	MIELKE IMMO [DE]	Anordnung von Windkraftmaschinen (WKM) in Luftkanölen, die im Dach eines Gebäudes gelagert sind
AU2011202077 A1 20120112	DK20080001201 20080829; US20080093897P 20080903; DK20080001621 20081119; WO2009EP60819 20090821	F03D11/00; B66D1/36	VESTAS WIND SYS AS [DK]	ANORDNUNG ZUR KABELFÜHRUNG UND SOLCH EINE ANORDNUNG VERWENDEnde WINDTURBINE
AU2011205043 A1 20120405	CN20112232790U 20110628	F03D11/00	SINOHYDRO Bureau 4 (Jiuquan) New Energy Equipment Co., Ltd.	Anticorrosion support of wind power generation tower cylinder
AU2011206105 A1 20120223	CN20112357955U 20110922	F03D11/00; H05B3/84	Deng Changming;Qu Jinxu	Anti-freezing wind driven generator blade
AU2012100069 A4 20120223	CN20111288056 20110926	F03D7/00	Zhejiang Zhongke Automation Engineering Technology Co., Ltd.	Anti-galloping protector and propeller changing control system

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
AU2012100203 A4 20120322	CN20112323355U 20110831	F03D11/04	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Anti-improper friction mounting structure for high-speed brake of wind generator
AU2012100280 A4 20120607	CN20112165032U 20110520	F03D11/00; F03D7/00; F16C41/00; H01R4/64	Siemens Aktiengesellschaft	Anti-lightning system for wind turbine
AU2012100403 A4 20120517	CN20112210263U 20110621	F03D11/00; E05D3/02; E05D5/06; E06B3/36; E06B5/10; E06B5/11; E06B7/22; E06B7/30	SANY ELECTRIC CO LTD [CN]	Antitheft tower cylindrical door for wind power generating set
AU2012201020 A1 20120315	DE201010054631 20101215	F03D11/00	BOSCH GMBH ROBERT [DE]	Antriebseinrichtung
AU2012203110 A1 20120614	EP20100003558 20100331	F03D9/00; F03D11/00; F03D11/02	WINERGY AG [DE]	ANTRIEBSVORRICHTUNG FÜR EINE WINDKRAFTANLAGE
BE1019272 A3 20120508	TW20090141529 20091204	F03D3/00; F03D3/02	FUNG GIN DA ENERGY SCIENCE AND TECHNOLOGY CO LTD [TW]	APARATO PARA GENERAR ENERGIA ELECTRICA USANDO ENERGIA EOLICA
BR0310124 B1 20120417	JP20090101624 20090420	F21S9/03; F03D9/02; F21L4/08	HONDA MOTOR CO LTD [JP]	APARELHO E MÉTODO DE CONTROLE DE IGNIÇÃO PARA MOTOR DE USO GERAL
BRMU9000987U U2 20120327	US201113324001 20111213	F03D7/00; B23P15/02; F03D11/00	NANUKUTTAN BIJU [IN]; HERR STEFAN [US]; AKHTAR AFROZ [IN]; ANJURI ESWARARAO VSJ [IN]; HAANS WOUTER [NL]	APERTURE CONTROL SYSTEM FOR USE WITH A FLOW CONTROL SYSTEM
BRPI0618151 A2 20120228	US20100825415 20100629	F03D7/02	GEN ELECTRIC [US]	Apparatus and method for adjusting the yaw of a nacelle of a wind energy system

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
BRPI0622196 A2 20120103	KR20100080838 20100820	F03D11/00; F03D7/00	SAMSUNG HEAVY IND [KR]	APPARATUS AND METHOD FOR COOLING WIND TURBINE
BRPI0711983 A2 20120117	US20090153253P 20090217; US20090237476P 20090827; US20100304403P 20100213	C25B9/08; C25B1/04	MCALISTER TECHNOLOGIES LLC [US]	APPARATUS AND METHOD FOR GAS CAPTURE DURING ELECTROLYSIS
BRPI0713231 A2 20120410	US20100973315 20101220	F03D7/04; F03D7/02	GEN ELECTRIC [US]	Apparatus and method for operation of an off-shore wind turbine
BRPI0713354 A2 20120131	US20100360108P 20100630; GB20100011044 20100630	F03D7/02	VESTAS WIND SYS AS [DK]; BOWYER ROBERT [GB]; CREABY JUSTIN [DK]	APPARATUS AND METHOD FOR REDUCING YAW ERROR IN WIND TURBINES
BRPI0713541 A2 20120417	GB20100016993 20101008; GB20110009997 20110614	F03D1/00; F03D11/04	DIVEX LTD [GB]; CLARKE DEREK [GB]	APPARATUS AND METHOD FOR THE ERECTION OF A WIND TURBINE
BRPI0904112 A2 20120529	KR20100123075 20101203	F03D5/00; F03D5/06		Apparatus and method for wind generator by wind belt
BRPI1001008 A2 20120124	KR20100112305 20101111	F03D11/00; F03D1/06; F03D3/06; F03D7/00	DAEWOO SHIPBUILDING & MARINE [KR]	APPARATUS AND METHOD OF INERTIA CONTROL FOR AEROGENERATOR'S BLADE USING THE FLUID
BRPI1001891 A2 20120306	CA20092654473 20090217; WO2010CA00214 20100216	F03D9/00; F01D25/28	WHITE DEAN [CA]	APPARATUS AND METHOD TO INCREASE WIND VELOCITY IN WIND TURBINE ENERGY GENERATION
BRPI1002458 A2 20120515	GB20100015432 20100915	F03D1/06; F03D1/00	VESTAS WIND SYS AS [DK]	Apparatus For And Method Of Mounting Wind Turbine Blades On A Tower
BRPI1003365 A2 20120529	GB20100013514 20100811	F03D1/00; B65D85/68;	VESTAS WIND SYS AS [DK]	Apparatus For And Method Of Transporting And Handling Wind Turbine Blades

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BRPI1003437 A2 20120529	WO2010DK50340 20101215	G01H13/00; F03D11/04	ELECTRONIC AS KK [DK]; NIELSEN RASMUS [DK]	APPARATUS FOR ESTIMATING A RESONANT FREQUENCY OF A WIND TURBINE TOWER
BRPI1004230 A2 20120515	US20100360389P 20100630	F03D5/00; F03B13/10; F03B13/24; F03B13/26; F03D1/04; F03D3/04; F03D11/00; F04F5/04; F04F5/10; F04F5/16	SOUTHERN ALBERTA INST OF TECHNOLOGY [CA]; FALLER FRANK [CA]	APPARATUS FOR EXTRACTING ENERGY FROM A FLUID FLOW
CA2709723 A1 20120119	WO2010 RU00668 20101115	F03B9/00; F03B17/06; F03D5/02	ORLOV VIKTOR FEDOROVICH [RU]; KAMENSCHIKOV IGOR ALEKSANDROVICH [RU]	APPARATUS FOR EXTRACTING ENERGY FROM A FLUID MEDIUM
CA2714929 A1 20120307	DK20100070384 20100903; US20100372598P 20100811	B29D99/00; B29C33/12; B29C65/00; B29C70/86	VESTAS WIND SYS AS [DK]; RAJASINGAM DAMIEN [GB]; EVANS RICHARD [GB]; DAVIS OLAV [GB]; SANDERCOCK STEPHEN [GB]	APPARATUS FOR FABRICATING A WIND TURBINE BLADE AND RELATED METHOD
CA2719518 A1 20120425	KR20100063505 20100701	F03D3/02; F03D11/02	TOPWORLDWINDPOWER CO LTD [KR]; YUN HEA JIN [KR]	APPARATUS FOR GENERATING BY WIND POWER
CA2720174 A1 20120504	KR20100063497 20100701	F03D3/04; F03D11/00	TOPWORLDWINDPOWER CO LTD [KR]; YUN HEA JIN [KR]	APPARATUS FOR GENERATING BY WIND POWER
CA2722226 A1 20120224	US201113337157 20111226	F03D9/00	TSITRON ILYA [US]	APPARATUS FOR GENERATING ELECTRICITY FROM WIND POWER

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CA2722354 A1 20120229	US20100971480 20101217	F03D11/02; F03D9/00; F16H57/08; G01H1/12; H02K7/116; H02K15/00	VESTAS WIND SYS AS [DK]	APPARATUS FOR HARVESTING ENERGY FROM A GEARBOX TO POWER AN ELECTRICAL DEVICE AND RELATED METHODS
CA2724323 A1 20120229	KR20100112018 20101111	F03D9/00; F03D11/00	SAMSUNG HEAVY IND [KR]	APPARATUS FOR PROVIDING WIND POWER GENERATION
CA2724366 A1 20120601	DE201010054153 20101210	F03D7/02	REPOWER SYSTEMS SE [DE]; TREDE ALF [DE]; BRUECKNER MATTHIAS [DE]	APPARATUS FOR ROTATING THE MACHINE POD OF A WIND POWER PLANT
CA2724601 A1 20120226	US20090370452 20090212	F03B17/00; F03B9/00; F03B13/00; F03D9/00; H02P9/04	SIMNACHER LARRY W [US]	Apparatus for storing and using wind energy
CA2724622 A1 20120530	US20100901529 20101010	F03D9/00; F03D3/04; F03D11/02	HK APPLIED SCIENCE & TECH RES [HK]	APPARATUS FOR WIND COLLECTION
CA2725718 A1 20120616	KR20100112991 20101112	F03D3/02; F03D3/04; F03D11/00	KANG JAE SUNG [KR]	APPARATUS FOR WIND POWER GENERATION
CA2728788 A1 20120429	KR20100011648U 20101111	F03D11/02; F16F15/03		Apparatus of rigidity transition for aerogenerator system's mount using the piezo-electric element
CA2730096 A1 20120229	KR20100112306 20101111	F03D11/00; F03D11/02	DAEWOO SHIPBUILDING & MARINE [KR]	APPARATUS OF SMALL GENERATOR USING AEROGENERATOR'S ROTATORY POWER IN IDLING STATE
CA2730658 A1 20120429	KR20100073100 20100729	E02B15/04; F03D9/00; H01L31/042	KIM BYUN SOO [KR]	Apparatus of the removal of floating matters using wind power or solar
CA2730677 A1 20120525	KR20100011646U 20101111	F03D11/00; F16F15/02		Apparatus of vibration attenuation for aerogenerator system's generator

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CA2745117 A1 20120102	CN20101579766 20101127	F03D9/00; F03D11/04	Li Xinglong;Li Jixuan	Application of wind-driven generators in electric power of steamships, trains and motor vehicles
CA2745540 A1 20120109	PL20100392997 20101122	F03D3/04	UNIV WARMINSKO MAZURSKI W OLSZTYNIE [PL]	Architectural module
CA2745630 A1 20120109	EP20100194175 20101208	H02J13/00; F03D11/00; H02J3/38	SIEMENS AG [DE]	ARRANGEMENT AND METHOD FOR TESTING AN ELECTRIC POWER GENERATION SYSTEM
CA2746286 A1 20120116	EP20100193666 20101203	F03D9/00; G01R27/16; G01R31/34; H02J3/24; H02P9/00	SIEMENS AG [DE]	Arrangement and method for testing an electric power generation system
CA2746657 A1 20120120	EP20100193663 20101203	F03D9/00; G01R27/16; G01R31/34; H02J3/24; H02P9/00	SIEMENS AG [DE]	Arrangement and method for testing an electric power generation system
CA2747443 A1 20120220	EP20100194166 20101208	B63B25/00; B63B27/30; B63B35/44; F03D11/00	SIEMENS AG [DE]	ARRANGEMENT AND METHOD FOR TRANSPORTING A WIND TURBINE ROTOR
CA2747465 A1 20120202	EP20100188029 20101019	F03D11/00; F03D1/06	SIEMENS AG [DE]	ARRANGEMENT AND METHOD TO RETROFIT A WIND TURBINE
CA2747473 A1 20120129	EP20100156339 20100312	F03D11/04; B23H5/04; B32B37/10;	SIEMENS AG [DE]	Arrangement and method to retrofit a wind turbine wherein the blade extension is connected to a tip of the wind turbine by way of a vacuum fit

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		B32B37/12; F03D11/00		
CA2747577 A1 20120203	EP20100172783 20100813	F03D9/00	SIEMENS AG [DE]; ANDRESEN BJOERN [DK]; BJERGE MARTIN HUUS [DK]; EGEDAL PER [DK]; KUMAR SATHEES [DK]	ARRANGEMENT FOR GENERATING A CONTROL SIGNAL FOR CONTROLLING A POWER OUTPUT OF A POWER GENERATION SYSTEM
CA2747579 A1 20120202	EP20100167604 20100629	B66C1/66; F03D1/00; F03D11/04; F16B5/02	SIEMENS AG [DE]	ARRANGEMENT FOR LIFTING A TOWER WALL PORTION OF A WIND TURBINE AND METHOD FOR LIFTING A TOWER WALL PORTION OF A WIND TURBINE
CA2748029 A1 20120204	EP20100171592 20100802	F03D1/06; F03D3/06; F03D11/00; H02G13/00	SIEMENS AG [DE]	ARRANGEMENT FOR LIGHTNING PROTECTION
CA2748070 A1 20120205	EP20090014850 20091130	B60P3/40; B66C1/66; F03D11/00	SIEMENS AG [DE]	ARRANGEMENT FOR THE TRANSPORT OF WIND TURBINE COMPONENTS WHERE THE WIND TURBINE COMPONENT IS CONNECTED SOLELY TO A SUPPORT STRUCTURE
CA2748766 A1 20120306	FI20040005274 20040715; FI20040005483 20041215; WO2005FI50269 20050706	F16H57/04; F03D11/00; F03D11/02; F16H1/28; F16H1/46	MOVENTAS OY [FI]	Arrangement i et planetgear
CA2749507 A1 20120220	CN20112428313U 20111023	F03D9/00	China Jiliang University	Arrangement layout for wind driven generator in track system
CA2749514 A1 20120220	EP20090015205 20091208	H02K1/06; F03D11/00; H02K1/22; H02K1/27;	SIEMENS AG [DE]	Arrangement to ensure an air gap in an electric machine does not close causing the rotor and stator to touch

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		H02K1/28; H02K3/32; H02K21/22		
CA2750081 A1 20120302	EP20100186400 20101004	H02J4/00; F03D11/00; H02J7/00	SIEMENS AG [DE]	ARRANGEMENT TO SUPPLY A SENSOR WITH ELECTRICAL POWER
CA2752415 A1 20120321	EP20070090122 20070618; DE200710058746 20071205; WO2008EP04664 20080611	F03D7/02	SUZLON ENERGY GMBH [DE]	ARRETIERUNGSVORRICHTUNG FÜR EINE WINDTURBINE
CA2752460 A1 20120315	US20100872003 20100831	F03D11/00; F03D1/00; F03D7/04	HAMILTON SUNDSTRAND CORP [US]	ARTICULATED WIND TURBINE BLADES
CA2752930 A1 20120324	CN20111198701 20110715	F03D9/00; F03D11/00; F24J2/05; F24J2/48	WEIPING XIA	Artificial airflow power generating method and artificial airflow power generating system
CA2752935 A1 20120324	TW100219175U 20111013	F03D1/00	ZHUANG LI-WEI [TW]	Artificial wind circulating power generator
CA2752944 A1 20120324	WO2004DK00467 20040630	F03D1/06	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	ASPAS DE TURBINAS EOLICAS CONSTITUIDAS POR DOS SECCIONES SEPARADAS.
CA2752952 A1 20120324	US20100887566 20100922	B23P19/04; B62B3/04; F03D11/02; F16H57/02	GEN ELECTRIC [US]; DAESCHNER BERND P [US]	ASSEMBLY FACILITATION APPARATUS AND METHOD
CA2752960 A1 20120401	US20100885624 20100920	B23P19/04; B26B3/04; F03D11/02; F16H57/08	GEN ELECTRIC [US]; DAESCHNER BERND P [US]	ASSEMBLY FACILITATION APPARATUS AND METHOD

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CA2752982 A1 20120327	DE201010049023 20101021	F03D11/00; F03D11/02; F16C19/54; F16H57/08	IMO HOLDING GMBH [DE]; HUBERTUS FRANK [DE]	ASSEMBLY FOR EXTRACTING THE ROTATIONAL ENERGY FROM THE ROTOR HUB OF THE WIND TURBINE OF A WIND TURBINE SYSTEM
CA2753036 A1 20120330	DE200910037330 20090814; WO2010EP61863 20100815	H02P9/00	SUZLON ENERGY GMBH [DE]	Asynchronous generator system and wind turbine having an asynchronous generator system
CA2753060 A1 20120327	CN20112238260U 20110707	H02N6/00; F03D9/00	Tianjin Zeniththeory Sci. & Tech. Co., Ltd.	Atmosphere monitoring and air purifying tower utilizing solar energy and wind energy for power generating
CA2753104 A1 20120328	US201213356553 20120123; US20090460555 20090721; US20080218297 20080714	H02N3/00	OGRAM MARK ELLERY [US]	ATMOSPHERIC ELECTRICAL GENERATOR WITH CHANGE OF STATE
CA2753611 A1 20120330	US201013318537 20100127; US20090215612P 20090507; US20090274006P 20090813; US20090279311P 20091019; WO2010US22168 20100127	C05D1/00; C05C3/00; F03D11/04	VANDERHYE ROBERT A [US]	ATMOSPHERIC GREENHOUSE GAS REMOVAL
CA2753979 A1 20120329	US20100849650 20100803	F25B41/00; F03D9/00; F24J3/08; F25B29/00	AHMAD NADEEM [US]; AHMAD NAEEM [US]	ATMOSPHERIC LAPSE RATE COOLING SYSTEM

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CA2754341 A1 20120404	CN20111189765 20110707	H02N6/00; F03D9/00	Tianjin Zeniththeory Sci. & Tech. Co., Ltd.	Atmospheric monitoring and air purifying tower for generating power by adopting solar energy and wind energy
CA2754524 A1 20120413	CN20101515467 20101021	F03G7/04; F03B13/00; F03D9/00	Jiang Lixing	Atmospheric pressure generator
CA2754526 A1 20120413	US201213356631 20120123; US20090321306 20090116; US20080218297 20080714	H02G11/00	OGRAM MARK ELLERY [US]	ATMOSPHERIC STATIC ELECTRICITY COLLECTOR
CA2754532 A1 20120413	DK20050001312 20050921; WO2006DK00516 20060920	F03D1/00; F03D1/06; F03D11/00	LM GLASFIBER AS [DK]	ATTACHMENT DEVICES ON A WIND TURBINE BLADE AND A METHOD OF SERVICING UTILISING THESE DEVICES
CA2755153 A1 20120419	US20100805680 20100812; DE201010032687 20100729	H02G3/30; F03D11/00	HYDAC ACCESSORIES GMBH [DE]; EVEN RAINER [DE]; YAGCI BURHAN [DE]; MARYNIOK PETER [DE]; HISS HELMUT [DE]	ATTACHMENT SYSTEM FOR CABLES, IN PARTICULAR FOR WIND POWER INSTALLATIONS
CA2755154 A1 20120419	US20100805681 20100812; DE201010032686 20100729	H02G3/30; F03D11/00	HYDAC ACCESSORIES GMBH [DE]; EVEN RAINER [DE]; YAGCI BURHAN [DE]	ATTACHMENT SYSTEM FOR LINES
CA2755847 A1 20120421	KR20100129892 20101217	F03D3/04; F03D3/06; F03D11/00	HANMI PARSONS CO LTD [KR]	AUTO POWER PLANT USING AIR FLOW
CA2756607 A1 20120502	CN20112288788U 20110810	C02F7/00; F03D3/00; F03D9/00	TANGSHAN TOYODA TECHNOLOGY CO LTD	Auto-controlled oxygen increasing machine driven pneumatically by vertical-shaft windmill

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CA2756822 A1 20120504	WO2009ES70174 20090521	F03D11/00; F03D1/00; F03D7/00; F03D7/04	GAMESA INNOVATION & TECH SL [ES]	AUTO-DIAGNOSTIC SYSTEMS AND METHODS FOR WIND-POWER GENERATORS
CA2756826 A1 20120504	US20090239885P 20090904; WO2010US02388 20100901	B29C70/16; C08L75/04; F03D11/00	BAYER MATERIALSCIENCE LLC [US]	Automated processes for the production of polyurethane wind turbine blades
CA2756953 A1 20120504	CN20112191888U 20110531	F03D1/06; F03D1/02; F03D7/04	CHANGYUE TIAN	Automatic double-regulation wind driven generator and blades thereof
CA2756957 A1 20120504	CN20112253904U 20110718	F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Automatic locking system for impeller of wind turbine set
CA2757590 A1 20120518	WO2010GB50500 20100324; GB20090004921 20090324	F03D7/02	KINETIC HARVEST LTD [GB]	AUTOMATIC PITCH CONTROL FOR HAWT WIND TURBINES
CA2757606 A1 20120508	CN20112381393U 20111010	F16D55/224; F03D11/00; F16D65/18	Zhejiang Jinye Technology Co., Ltd.	Automatic safety braking device for wind driven generator
CA2757607 A1 20120508	CN20112244248U 20110712	F03D9/00; F03D11/02; H02K7/10; H02K7/116	Zou Benjian	Automatic wind driven generator load allocation device
CA2759214 A1 20120525	GB20100016003 20100923	B62D1/28; F03D1/00; G05D1/02	VESTAS WIND SYS AS [DK]	Automatically guided apparatus and method for treatment of structural parts
CA2759305 A1 20120526	DE201010043201 20101101	F03D1/00; B05C5/02; F03D1/06	WOBLEN ALOYS [DE]	Automation device and method for producing a rotor blade for a wind energy assembly

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CA2759478 A1 20120615	GR20070100374 20070612; GR20080100363 20080528; WO2008GR00044 20080528	F03D9/02	PITTAS NICHOLAS [GR]	AUTOMATISCHE WINDGENERATORANORDNUNG ZUR HERSTELLUNG VON KONTINUIERLICHEM ELEKTRISCHEN STROM
CA2759979 A1 20120607	JP20100246785 20101015	F03D9/00	SAWADA SHOJI	AUTOMOBILE HAVING WIND POWER GENERATION ENGINE SYSTEM
CA2760713 A1 20120608	CN20112103082U 20110329; CN20112332882U 20110823	B60K16/00; F03D3/04; F03D3/06; F03D9/00; F03D11/00	WENJI HAN	Automobile with breeze electricity-generating device
CA2760888 A1 20120608	CN20112233465U 20110704	F03D11/00	Shanghai Taisheng Wind Power Equipment Co., Ltd.	Auxiliary arm for installation of tubular body inner member
CA2760991 A1 20120608	CN20112417906U 20111028	F03D7/06	CHTC Heavy Industry Co., Ltd.	Auxiliary control device of small-sized vertical axis wind power generator
CA2760994 A1 20120608	CN20111388682 20111130	F03D3/06; F03D7/06	Shanghai University	Auxiliary fan of lift-type vertical axis wind generator
CA2761827 A1 20120615	CN20101281509 20100915	F03B13/26; F03B9/00; F03B13/00; F03D5/02; F03D9/00	WENYAN LIU	Auxiliary power generating system

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CA2762292 A1 20120616	US201113217475 20110825; US20100980589 20101229; US20100416439P 20101123; US201161450834P 20110309; US201161452277P 20110314; US201161452858P 20110315	F03D9/00	MELLER MOSHE [IL]	AXIAL FLUX ALTERNATOR WITH AIR GAP MAINTAINING ARRANGEMENT
CA2762744 A1 20120629	CN20112388363U 20111013	F16H57/08; F03D11/02; F16H57/021	CHONGQING GEARBOX CO LTD	Axial support structure for yawing and variable pitch gear box
CA2769611 A1 20120303	CN20112343475U 20110914	F03D9/00; B60L8/00; F03D3/06; F03D11/00	Hubei Shuangyu Machinery Technology Co.,Ltd	Axle type wind driven generator for electric automobile
CA2784201 A1 20120209	CN20112268807U 20110727	F03D7/00; F16H57/12	GUODIAN UNITED POWER TECH CO	Backlash adjustment device for yaw system of wind turbine generator system
CA2787163 A1 20120531	CN20111324332 20111023	F24D3/18; F01D15/10; F03D9/00; F24D19/10; H02J3/46	CHONGQING ELECTRIC POWER CORP; Xi'an Jiaotong University	Backpressure heat and power cogenerator and wind power generator output heat supply scheduling system and method
CH703753 A2 20120315	TW101202063U 20120204	F03D9/00; F03G6/00; F03G7/00	STANDARD WORLD INC [TW]	Backup power carry-on device
CH704066 A2 20120515	TW20100121952 20100705	F03D3/04	LI QUAN-ZHE [TW]; ZHANG SHU-YU [TW]	Ball collision power generating system
CN102305167 A 20120104	KR20100099924 20101013	F03D11/04; B63B13/00	SAMSUNG HEAVY IND [KR]	BALLAST SYSTEM OF MARINE STRUCTURE AND WIND TURBINE GENERATOR HAVING THE SAME

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CN102305171 A 20120104	DK20060000911 20060703; WO2007DK00333 20070703	F03D9/00; F03D11/00; F03D11/04; G01R31/34	VESTAS WIND SYS AS [DK]	BANCADA DE TESTE PARA TESTE DE EQUIPAMENTO DE TURBINA EÓLICA, E MÉTODO PARA TESTE DE EQUIPAMENTO DE TURBINA EÓLICA.
CN102305172 A 20120104	DK20060000912 20060703; WO2007DK00332 20070703	F03D11/00	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	Banco de pruebas que comprende un medio de ajuste de ángulo y procedimientos para someter a prueba un equipo de turbina eólica
CN102305173 A 20120104	US20090502295 20090714	F03D7/02; F03D7/04; F03D9/00	SIEMENS AG [DE]	BANG-BANG CONTROLLER AND CONTROL METHOD FOR VARIABLE SPEED WIND TURBINES DURING ABNORMAL FREQUENCY CONDITION
CN102305174 A 20120104	DE20011062225 20011218	F03D1/00	PLAMBECK NORBERT [DE]	Barge for the transport of offshore wind turbines
CN102305175 A 20120104	CN20112314609U 20110822	F03D11/00; F16F15/02	BINZHOU LONGMA HEAVY INDUSTRY TECHNOLOGY CO LTD	Base of wind driven generator
CN102305176 A 20120104	DE201010035025 20100820; DE201010035035 20100820	E02D13/00; E02D13/04; E02D27/42; E02D27/52; F03D1/00; F03D11/04	HILGEFORT GMBH ANLAGENKOMPONENTEN UND APPBAU [DE]	Base structure for a offshore wind turbine with noise reduction
CN102305177 A 20120104	KR20100130634 20101220	F03D11/04; E04F15/00	POSCO [KR]; RES INST IND SCIENCE & TECH [KR]	BASEMENT STRUCTURE FOR SUPPORTING WIND POWER GENERATION TOWER
CN102305178 A 20120104	CN20111382892 20111128	A63B63/08; A63B71/06; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Basketball display backboard with wind generation to supply power to image sensor
CN102305179 A 20120104	DE201010038708 20100730	F16C19/38; F03D11/00; F16C19/50; F16C19/56; F16C33/36;	SKF AB [SE]; BUCH STEPHAN [DE]; PAMPEL STEFAN [DE]	BEARING ARRANGEMENT AND GEARBOX

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
		F16C33/60		
CN102305180 A 20120104	DE201010041186 20100922; DE201010063132 20101215	F03D11/02; F16C19/28; F16C33/58; F16H55/22	SKF AB [SE]	BEARING ASSEMBLY
CN102305181 A 20120104	DE200910049769 20091016; WO2010EP65578 20101017	F16C17/10; F03D11/00; F16C33/26; F16C41/00; F16C43/02	SUZLON ENERGY GMBH [DE]	Bearing assembly for a wind turbine
CN102305182 A 20120104	WO2010EP02102 20100401; DE200910015827 20090401	F16C19/38; F03D11/00; F16C25/08; F16C35/063	SKF AB [SE]	BEARING ASSEMBLY FOR ROTATABLY SUPPORTING A MACHINE ELEMENT AND METHOD FOR FIXING A TAPERED ROLLER BEARING TO A MACHINE ELEMENT
CN102305183 A 20120104	DE201010061920 20101125	F16C35/06; F03D11/04; F16C27/06	SKF AB [SE]	Bearing assembly for rotor for wind turbine, has bearing unit that provides radial/axial bearing force between machines, and damping material layer that is provided between bearing rings and/or machines
CN102305184 A 20120104	CN20101262968 20100826	F03D11/00	Harbin Jiancheng Group Co., Ltd.	Bearing block fixing and center adjusting device
CN102305185 A 20120104	CN20112304730U 20110819	F16N13/00; F03D11/00; F16N23/00; F16N29/00; F16N29/04	SINOVEL WIND GROUP CO LTD [CN]	Bearing concentration lubricating system for large-scale wind turbines
CN102305186 A 20120104	KR20100100115 20101014	F03D11/00; F16C33/00; F16C35/00	KIM SANG HUN [KR]	BEARING EQUIPMENT FOR VERTICAL AXIS WIND TURBINE
CN102305187 A 20120104	JP20100283420 20101220	F16H57/04; F16H1/28	MITSUBISHI HEAVY IND LTD [JP]	BEARING OIL SUPPLY STRUCTURE FOR WIND TURBINE GENERATOR

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CN102305188 A 20120104	EP20100154469 20100224	F03D11/00; F16C19/28; F16C33/30	SIEMENS AG [DE]	BEARING SYSTEM FOR A WIND TURBINE ROTOR
CN102305189 A 20120104	EP20060787019 20060712; US20050698719P 20050712	F16H7/02; F03D9/00	HAMILTON SUNDSTRAND CORP [US]	Belt-driven drive-train
CN102305190 A 20120104	KR20100074131 20100730	F03D11/00; F03D9/00	STEEL ALL GLOBAL CO LTD; BECK SI YOUNG; YANG HYEONG RYEOL; NAM SEOK JIN	BERTHING FACILITY FOR OFFSHORE WIND POWER GENERATOR
CN102305191 A 20120104	DE201220100728U 20120301	C09D175/02; E04F13/02; F03D11/00	DRESDNER LACKFABRIK NOVATIC GMBH & CO KG [DE]	Beschichtungssystem für Betonoberflächen von Windkrafttürmen
CN102305192 A 20120104	CN20112389615U 20111011	G09F9/33; F21S9/04	Zhang Hui	Bidirectional caption display device of wind-driven street lamp
CN102305193 A 20120104	CN20112389622U 20111011	G09F9/33; F21S9/04	Zhang Hui	Bidirectional discontinuous subtitle display device for wind energy road lamp
CN102305194 A 20120104	CN20112336594U 20110908	F16C35/08; F03D11/04	CSR Qishuyan Institute Co., Ltd.	Bidirectional locking mechanism
CN102305195 A 20120104	CN20112389613U 20111011	G09F9/33; F03D3/00	Zhang Hui	Bidirectional subtitle display device on wind driven generator
CN102305196 A 20120104	CN20111362327 20111115	F03D9/00; F03D3/06; F03D11/00; F16C32/04	Xinjiang Shangneng Solar Energy Technology Co., Ltd.	Bidirectional wind barrel type magnetic suspension wind power generation device
CN102308082 A 20120104	CN20112261331U 20110722	F03D9/02; F03D3/06; G09F7/00	SHANJUN SUN	Billboard power generation device
CN102308083 A 20120104	CN20101244558 20100806	B60F5/00; F03D1/00; F03D9/00	Yang Licheng	Biodynamic triphibian floating device

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CN102308084 A 20120104	CN20101563501 20101129	F03D9/00; F03B13/26; F03D3/00; H02N6/00	Yang Xu	'black box' sea turn generating station
CN102308085 A 20120104	CN20112305550U 20110819	F03D11/00	SANY ELECTRIC CO LTD [CN]	Blade and fan with same
CN102308086 A 20120104	CN20112374426U 20110929	F03D7/04	JNC TECHNOLOGY CO LTD [TW]	Blade angle adjusting mechanism for wind power generation device
CN102308087 A 20120104	WO2010EP50812 20100125; DE200910003788 20090416	F03D7/02	SSB WIND SYSTEMS GMBH & CO KG [DE]	BLADE ANGLE ADJUSTMENT DRIVE FOR A WIND POWER PLANT
CN102308088 A 20120104	WO2010EP50810 20100125; DE200910003691 20090327	F03D9/00; F03D7/02	SSB WIND SYSTEMS GMBH & CO KG [DE]	BLADE ANGLE ADJUSTMENT DRIVE FOR A WIND TURBINE
CN102308105 A 20120104	TW100217719U 20110921	F03D7/00	JNC TECHNOLOGY CO LTD [TW]	Blade angle adjustment mechanism of wind power generator
CN102310779 A 20120111	GB20100016391 20100929	F03D3/06	NENUPHAR [FR]	Blade attachment arrangement for a vertical axis wind turbine
CN102312405 A 20120111	CN20111287750 20110926	F03D7/06; F03D3/06	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Blade automatically-opening/closing device of vertical-axis wind-driven generator wind wheel
CN102312768 A 20120111	CN20111410309 20111212	F03D7/00	Jinan Railway Vehicles Equipment Co., Ltd.	Blade brake device
CN102312770 A 20120111	DE201020013535U 20100924	F03D1/06	REPOWER SYSTEMS SE [DE]; ZELLER LENZ SIMON [DE]; WERNER MARKUS [DE]	BLADE CONNECTION OF A ROTOR BLADE OF A WIND TURBINE
CN102312772 A 20120111	KR20100088816 20100910	F03D11/00; F03D1/06	KIM YONG-MOON [KR]	BLADE DEVICE FOR PRODUCING NEW RENEWABLE ENERGY

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CN102312773 A 20120111	US201113300878 20111121	F03D11/00	GEN ELECTRIC [US]	BLADE EXTENSION FOR ROTOR BLADE IN WIND TURBINE
CN102312774 A 20120111	US201113300868 20111121	F03D11/00; F03D1/06	GEN ELECTRIC [US]	BLADE EXTENSION FOR ROTOR BLADE IN WIND TURBINE
CN102312776 A 20120111	US20100861145 20100823	F03D1/06	GEN ELECTRIC [US]	BLADE EXTENSION FOR ROTOR BLADE IN WIND TURBINE
CN102312781 A 20120111	EP20100382295 20101111	F03D1/00; F03D1/06; F03D11/00	ALSTOM WIND S L U [ES]	Blade for a wind turbine
CN102312782 A 20120111	EP20100382269 20101015	F03D1/00; F03D1/06; F03D11/00	ALSTOM WIND S L U [ES]	Blade for a wind turbine
CN102312783 A 20120111	CN20121008075 20120111	F03D11/00	Baoding Huayi Wind Turbine Blade R & D Co., Ltd.	Blade for wind driven generator and wind driven generator with same
CN102312784 A 20120111	JP20100260196 20101122	F03D1/06	mitsubishi plastics inc [JP]; sumitomo corp [JP]; fraunhofer ges forschung [DE]	Blade for wind power generation and wind turbine
CN102312785 A 20120111	KR20100012229U 20101126	F03D11/00		BLADE FOR WIND POWER GENERATOR
CN102312786 A 20120111	KR20100084326 20100830	F03D11/00; F03D1/06	KIM MI KYOUNG [KR]	BLADE FOR WIND POWER GENERATOR
CN102312787 A 20120111	KR20100127696 20101214	F03D11/00; F03D7/00	DAEWOO SHIPBUILDING & MARINE [KR]	BLADE HEATING APPARATUS FOR WIND POWER GENERATION
CN102312788 A 20120111	KR20100122162 20101202	F03D11/00		Blade heating apparatus for wind power generation
CN102312789 A 20120111	WO2009EP58537 20090707; US20090173646P 20090429	B66C1/62; F03D1/00; F03D11/04	SIEMENS AG [DE]	BLADE LIFTING SYSTEM WITH SALOON DOORS
CN102312790 A 20120111	JP20120029977 20120214	F03D11/00; F03D3/06	HELENA INTERNATIONAL KK	BLADE MEMBER

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CN102312792 A 20120111	WO2010EP53133 20100311; SE20090050152 20090313; US20090186182P 20090611	F03D1/06; F03D7/02; F03D11/00	GE WIND ENERGY NORWAY AS [NO]	BLADE MOUNTING
CN102312797 A 20120111	EP20100188346 20101021	F03D1/06; F03D3/06	SIEMENS AG [DE]	BLADE OF A WIND TURBINE
CN102312798 A 20120111	CN20112289345U 20110810	F03D3/06	Yixing Yiyou Technology Co., Ltd.	Blade of vertical axis wind generator
CN102312882 A 20120111	CN20112135797U 20110503	F03D1/06; F03D3/06	XIA LIU	Blade of wind driven generator
CN102313911 A 20120111	CN20111241040 20110819	F03D1/06	Tianjin University	Blade of wind driven generator
CN102313941 A 20120111	WO2010CA01068 20100630; CA20092675044 20090706	F04D29/38; B63H1/26; B64C11/02; B64C11/18; F01D5/14; F03B3/12; F03D1/06; F04D29/18	SMITH MIKE RICHARD JOHN [CA]	BLADE ORIENTATION OF AN IMPELLER OR PROPELLER
CN102314362 A 20120111	JP20100233247 20101018	F03D11/00; F03D1/06	FUJI HEAVY IND LTD [JP]	BLADE PITCH ANGLE FIXING STRUCTURE
CN102315650 A 20120111	GB20100013401 20100810	F03D7/02; F03D7/06	ANWYLL JOSEPH [GB]	BLADE PITCH CONTROL DEVICE
CN102315791 A 20120111	WO2009GB02959 20091223; GB20080023683 20081230	F03D7/02; F03D7/04	Statoil ASA	Blade pitch control in a wind turbine installation

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CN102317619 A 20120111	WO2011JP55792 20110311	H02P9/04	mitsubishi heavy ind ltd [JP]	BLADE PITCH CONTROL SYSTEM, WIND TURBINE GENERATOR, AND BLADE PITCH CONTROL METHOD
CN102317620 A 20120111	WO2010JP71063 20101125	F03D7/02; F03D11/00; F15B21/08	mitsubishi heavy ind ltd [JP]	BLADE PITCH CONTROLLER, WIND TURBINE GENERATOR, AND METHOD OF CONTROLLING BLADE PITCH
CN102317621 A 20120111	CN20112142210U 20110507	F03D3/06	Sun Shanjun	Blade profile of vertical-axis wind power generator
CN102317622 A 20120111	CN20112237944U 20110707	F03D11/00	CHINA MCC17 GROUP CO LTD	Blade protection device of wind driven generator
CN102317623 A 20120111	CN20111232210 20110812	F03D7/00	SANY ELECTRIC CO LTD [CN]	Blade resetting control system and method for wind driven generator
CN102317624 A 20120111	CN20111230450 20110812	F03D11/00; B29C70/30; B29C70/54	BEIJING KHAN WIND TECHNOLOGY CO LTD [CN]	Blade root structure of wind power blade
CN102318156 A 20120111	CN20101532535 20101031	F03D1/06; F03D9/00	Yangzhou Shenzhou Wind Turbines Co., Ltd.	Blade screw-free fixing device for wind power generator
CN102320627 A 20120118	KR20110033023 20110411; KR20100111079 20101109; KR20100111078 20101109	F03D3/06; F03D11/00	TAEIL MAGNETICS CO LTD [KR]; YOO YOUNG-SIG [KR]	BLADE STRUCTURE OF VERTICAL AXIS WIND POWER GENERATOR AND WIND POWER GENERATION SYSTEM USING SAME
CN102322070 A 20120118	CN20112227673U 20110630	F03D3/06	TANGSHAN TOYODA TECHNOLOGY CO LTD	Blade structure of vertical shaft wind power generation device
CN102322391 A 20120118	TW100216494U 20110902	F03D11/02	WANG CHENG-JUN [TW]	Blade structure of wind-power generator
CN102322392 A 20120118	CN20111185669 20110704	F03D1/06; B29C70/52	Zhang Xiangzeng	Blade with constant cross section, forming method and horizontal axis wind turbine impeller comprising same

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CN102322393 A 20120118	CN20101532532 20101031	F03D11/04	Yangzhou Shenzhou Wind Turbines Co., Ltd.	Blade-flange-free fixing mechanism for wind power generator
CN102322394 A 20120118	FR20100000809 20100226	B64C27/33; B64C27/54; F03D1/06	EUROCOPTER FRANCE [FR]	BLATT MIT ADAPTIVER VERDREHUNG UND ROTOR MIT EINEM SOLCHEN BLATT
CN102322395 A 20120118	US20100817586 20100617	F03D1/06	GEN ELECTRIC [US]	Blattbefestigungskonfiguration für eine Windkraftanlage mit abgeflachten Bolzen
CN102322396 A 20120118	DE201010036358 20100712	F03D11/00	SSB WIND SYSTEMS GMBH & CO KG [DE]	Blattwinkelverstellantrieb für eine Windkraftanlage
CN102322397 A 20120118	US20100860865 20100821	F03D7/06; F03D3/00	AL-AZZAWI JASIM SALEH [AE]	BLINKING SAIL WINDMILL WITH SAFETY CONTROL
CN102322398 A 20120118	CN20112160362U 20110519	F03D11/00	AVIC HUITENG WIND POWER EQUIPMENT CO LTD	Blower blade with drain hole isolation mesh
CN102322399 A 20120118	US201113115530 20110525	F03D11/04; E04B1/19; E04C3/02; F16B35/00	GEN ELECTRIC [US]	Bolt Connection for a Wind Tower Lattice Structure
CN102322400 A 20120118	CN20111331589 20111027	F03D11/04	CHINA NAT PETROLEUM CORP; LIAOHE PETROLEUM EXPLORATION	Bottom-supported type installation method of offshore wind power generation equipment
CN102322401 A 20120118	NZ20070581903 20070709; WO2007CA01200 20070709	F03D3/06; F03D3/00	HORIA NICA	BOUNDARY LAYER WIND TURBINE COMPRISING A PLURALITY OF STACKED DISKS AND TANGENTIAL ROTOR BLADES
CN102322402 A 20120118	CN20112315553U 20110821	F03D3/06; F03D11/00	XIANGMING ZHANG; XU LI	Box type wind driven generator
CN102322403 A 20120118	DE201010034873 20100819	F03D11/00	SSB WIND SYSTEMS GMBH & CO KG [DE]; THIER MARK-ANDRE [DE]	BOX-SHAPED ELECTRIC CONTROL CABINET WHICH CAN BE CLOSED BY A COVER, FOR A WIND ENERGY POWER PLANT
CN102322404 A 20120118	CN20112261698U 20110722	F03D7/06; F16D55/22; F16D65/02	DENG YUNHE [CN]	Brake device for vertical axis wind turbine

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CN102322405 A 20120118	CN20111448472 20111228	F03D7/00; F16D65/02	Goldwind Science & Technology Co., Ltd.	Brake disc of yaw system for wind driven generator
CN102322406 A 20120118	KR20100083047 20100826	F16D65/02; F03D11/00; F16D65/12	SAMSUNG HEAVY IND [KR]	BRAKE SYSTEM
CN102322407 A 20120118	KR20100095252 20100930	F03D11/00; F16D65/02	SAMSUNG HEAVY IND [KR]	BRAKE SYSTEM
CN102322408 A 20120118	KR20100104043 20101025	F03D11/00; F16D65/095	SAMSUNG HEAVY IND [KR]	BRAKE SYSTEM AND WIND GENERATOR HAVING THE SAME
CN102322409 A 20120118	WO2010EP00946 20100216; DE200910009017 20090216	F03D7/02	SUZLON ENERGY GMBH [DE]	Brake system for a wind turbine
CN102322410 A 20120118	WO2010EP04255 20100713; DE200910032873 20090713	F03D7/02; F03D11/00	Pintsch Bubenzer GmbH	Braking device for a wind power plant
CN102322511 A 20120118	DE200910017531 20090417	H02K7/108; F03D7/02; H02K7/18	AVANTIS LTD [CN]	BRAKING SYSTEM OF A GENERATOR OF A WIND TURBINE
CN102324801 A 20120118	DE201010055336 20101221	F03D7/02; F03D11/00	BAUMER INNOTECH AG [CH]	Braking system with monitoring device
CN102325704 A 20120118	TW100222831U 20111202	F03D3/00	TSINT [TW]; LIN CHIN-SHAN [TW]; HO HUEY-LIN [TW]	Breeze wind power device
CN102325989 A 20120118	WO2006DE01249 20060717	F03D7/00; F03D7/02; F16D65/18	S B PATENT HOLDINGS APS [DK]	Bremseindretning
CN102325990 A 20120118	CN20112225798U 20110629	E04H1/12; A01G25/02; E04D13/18; F03D7/00; F03D9/02; F24F5/00;	SHUGANG HE; SHENGRUI ZHANG; ZHIJIE LIANG	BRT (Bus Rapid Transit) intelligent bus shelter

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CN102325991 A 20120118	GB20100020977 20101210	F03D11/00; F16F1/393; F16F1/41	NORDIC WINDPOWER LTD [GB]; MARCH NATHAN [GB]; SMALLWOOD IOAN [GB]	BUFFER DEVICE
CN102325992 A 20120118	CN20112029443U 20110128	F03D9/00; E04F17/02; F03D1/00; F03D1/04; F03D1/06; F03D9/02; F03G6/06	Zhao Gui	Building roof type solar thermal current and wind power combined generation system
CN102325993 A 20120118	US201113298446 20111117; US20080315002 20081126; US20050194822 20050801; US20040602949P 20040820	H02J3/38; F03D9/00; H02K7/18	KAUFMAN JAY STEPHEN [US]	Building With Energy Recovery and Storage Systems
CN102328594 A 20120125	US201113217873 20110825; US20090390503 20090223	F03D9/00	KELLY PATRICK D [US]	BUOYANT AIRBARGE AND SPINNAKER SAIL COMBINATIONS FOR GENERATING ELECTRIC POWER FROM WIND
CN102330633 A 20120125	FR20100005063 20101223	F03D7/04; F03D11/00	IFP ENERGIES NOUVELLES [FR]; WITTRISH CHRISTIAN [FR]; LONGUEMARE PASCAL [FR]	BUOYANT OFFSHORE WIND TURBINE COMPRISING AN ACTIVE SYSTEM FOR STABILIZING THE INCLINE OF THE NACELLE

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CN102330637 A 20120125	CN20101572961 20101203; CN20102534099U 20100917; CN20102290074U 20100811	F03G3/00; F03B17/02; F03D3/00	WU YUN FOO [CN]	BUOYANT TELESCOPIC JIB, METHOD AND DEVICE FOR HIGH PRESSURE EJECTING GENERATION
CN102330638 A 20120125	WO2010NO00134 20100414; NO20090001473 20090416	F03D11/00; F03D3/00; F03D11/04	UNI I STAVANGER [NO]	BUOYANT WIND POWER STATION
CN102330640 A 20120125	KR20100118160 20101125	F03D3/00; F03D11/04		BUOYANT WINDMILL
CN102330641 A 20120125	US20100879811 20100910	F03D9/00; F03D7/02	BURRELL LEO LEROY [US]	BURRELL COMPOUND AXIAL WINDMILL
CN102330642 A 20120125	CN20112204899U 20110616	E04H1/12; E04B7/02; E04D13/18; F03D9/02; H02J7/00	DALIAN TRAINING CT NORTHEAST CHINA GRID COMPANY	Bus queue shelter comprehensively using natural energy
CN102330643 A 20120125	JP20090277021 20091204; JP20090277050 20091204	B23K31/00; B23K15/00; B23K15/06; F03D11/04	NIPPON STEEL CORP [JP]	BUTT WELDED JOINT OF WELDED STRUCTURE, AND METHOD FOR MANUFACTURING SAME
CN102330644 A 20120125	JP20090277035 20091204; JP20110277549 20111219	C22C38/00; B23K15/00; B23K35/30; C22C38/14; C22C38/60	NIPPON STEEL CORP [JP]	BUTT-WELDED JOINT FORMED USING BEAM WITH HIGH-ENERGY-DENSITY
CN102330645 A 20120125	CN20112440918U 20111109	F03D11/00	Baoding Tianwei Wind Power Technology Co., Ltd.	Cabin cover of wind turbine
CN102330646 A 20120125	CN20112233435U 20110705	F03D11/00	China Creative Wind Energy Co.,Ltd.	Cabin cover used for wind generating set

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CN102332728 A 20120125	CN20112440920U 20111109	F03D11/04	Baoding Tianwei Wind Power Technology Co., Ltd.	Cabinet-on-tower pull rod fixing structure
CN102334276 A 20120125	CN20112395528U 20111014	F16L3/06; F03D11/00	Goldwind Science & Technology Co., Ltd.	Cable fixing device
CN102336144 A 20120201	WO2010CH00125 20100510; CH20090000812 20090527	F03D11/00; H02G7/05	HUBER & SUHNER AG [CH]	CABLE HAVING A MOUNTING DEVICE, USE OF SAID CABLE AND OF THE MOUNTING DEVICE IN A WIND POWER PLANT AND WIND POWER PLANT HAVING SUCH A CABLE AND SUCH A MOUNTING DEVICE
CN102336449 A 20120201	CN20112356765U 20110922	F03D11/00; H02G15/00	China Creative Wind Energy Co.,Ltd.	Cable twist protective device for wind generating set
CN102338014 A 20120201	CN20112343337U 20110914	F03B11/00; F03D3/04	Cao Hongguang	Cage type fluid dynamic air guide sleeve
CN102338027 A 20120201	CN20111271012 20110914	F03B11/00; F03D3/04	Cao Hongguang	Cage-type hydrodynamic air guide sleeve
CN102338029 A 20120201	WO2010NO00214 20100608; NO20090002240 20090610	E02D27/42; E02D23/02; E02D27/52; F03D1/00	SEATOWER AS [NO]	CAISSON FOUNDATION
CN102338030 A 20120201	US20100359617P 20100629; DK20100070296 20100629	F03D7/04	VESTAS WIND SYS AS [DK]; MIRANDA ERIK CARL LEHNSKOV [DK]	CALLIBRATION OF WIND TURBINE SENSOR
CN102338031 A 20120201	BR2010MU9000987U 20100628	F03G7/08; B60K6/08; B60T1/10; F03D9/00	COLETTA OSVALDO DALLA [BR]	CAPTADOR DE ENERGIA GERADA POR VEÍCULO AUTOMOVEL EM MOVIMENTO
CN102338032 A 20120201	CN20112389582U 20111011	G09F9/33; F03D3/00	Zhang Hui	Caption display device making use of wind power generator

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CN102338033 A 20120201	CN20112297700U 20110816	F03D9/00; F03D11/00; H02J3/38; H02K7/18	WUXI AEROSPACE WANYUAN XINDALI MOTOR CO LTD; BEIJING WANYUAN INDUSTRY CO LTD	Cascade type direct driven wind generator
CN102338034 A 20120201	CN20111236362 20110816	F03D9/00; F03D1/04; F03D1/06; F03D11/00; H02K19/16	WUXI AEROSPACE WANYUAN XINDALI MOTOR CO LTD;BEIJING WANYUAN INDUSTRY CO LTD	Cascade-type direct-drive wind generator
CN102338035 A 20120201	EP20100006798 20100630	B29C45/14; B29C39/10; B29C39/24; B29C39/42; B29C39/44; B29C45/34; F03D11/00	SIEMENS AG [DE]	CASTING METHOD FOR MANUFACTURING WORK PIECE
CN102338036 A 20120201	FR20090054884 20090715; WO2010FR51224 20100618	B63B1/12; B63B35/00; E02D5/54; E02D5/74; F03D1/00	SAIPEM SA [FR]	Catamaran Ship Used for Assembling, Transporting and Installing a Marine Wind Turbine on the Seafloor
CN102338037 A 20120201	CN20112359420U 20110918	E01F15/02; E01F9/00; F03D9/00; H01L31/042	Cai Jinhong	Caution guardrail adopting wind and light complementary power generation
CN102338038 A 20120201	CN20101285714 20100917	H02J15/00; F03D9/00; H02N6/00	QIYI HIGH SCHOOL TONGJI UNIV	Center energy saving system
CN102338039 A 20120201	CN20112378889U 20110923	F03D7/00	SSB Wind Systems (Qingdao) Co., Ltd.	Central control box
CN102338040 A 20120201	CN20111277666 20110919	F03D1/06; F03D7/02; F03D11/04	Zhong Jianhua	Central wind energy electricity generating device with span wire and upright post

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CN102338041 A 20120201	CN20111389352 20111130	F03D11/00; F16H57/04; H02K9/19	Xi'an Geoho Energy Technology Co., Ltd.	Centralized cooling system for wind turbine generator system
CN102338042 A 20120201	US201113267326 20111006; US20100392139P 20101012	G06F1/28	AMERICAN SUPERCONDUCTOR CORP [US]	CENTRALIZED POWER CONDITIONING
CN102338043 A 20120201	US20090581825 20091019; US20090653085 20091207; US20090237425P 20090827; US20090237466P 20090827; US20090237479P 20090827; US20100304403P 20100213; US20100312100P 20100309; US20090067044 20091207	C04B35/18; C04B35/101; C04B35/20; F02P15/00	MCALISTER TECHNOLOGIES LLC [US]	CERAMIC INSULATOR AND METHODS OF USE AND MANUFACTURE THEREOF
CN102338044 A 20120201	TW20100138308 20101105	F03D11/00	LIAO FU-ZHANG [TW]	characterized by the blade on the roller can make the frame space be open or close in a pull-tight form by moving the convex sliding base driven by a engine via the said structure
CN102338045 A 20120201	TW20100137922 20101104	F03D3/00	TIAN PE-PIN [TW]	characterized by using the wind wheel blown by wind to continuously rotate, the mechanical energy produced by the open/close operation of the movable blades can be converted to the electro energy

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CN102338046 A 20120201	CN20112401964U 20111020	H02M3/335; F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Charging circuit of alternating current (AC) driver of wind power AC variable pitch propeller system
CN102341596 A 20120201	WO2010EP02372 20100419; AT20090000242U 20090420	F03D1/00	MOOVE GMBH E [AT]	CHARGING STATION FOR ELECTRIC VEHICLES
CN102341598 A 20120201	DE201010046802 20100928	F03D9/00	BITTNER VOLQUARD [DE]	Chimney installed at flat roof of house, has wind inlet and wind outlet for generation air stream to drive horizontally or vertically installed rotors or spherical wind turbines, so as to generate electricity
CN102343776 A 20120208	CN20111395878 20111205	F03D9/00	SUZHOU FANGJIYUAN ENERGY SAVING TECHNOLOGY CO LTD	Chimney power-generating device
CN102344103 A 20120208	CN20112386954U 20111012	F03D9/00; F03D1/02	Duan Zhengqian	Chimney type wind power generation device
CN102345555 A 20120208	CN20111312495 20111017	F03D1/06; F03D3/06; F03D7/02; F03D7/06	Jin Ping	Chuck variable-blade wind-driven generating blade
CN102345556 A 20120208	WO2010US46016 20100819	F03D3/06; F16B3/00; F16D1/08	JACOB SAJAN JOSEPH [US]	CLAMP ASSEMBLY
CN102345558 A 20120208	US20100827482 20100630	F03D11/00; F03D1/00	VESTAS WIND SYS AS [DK]	CLEANING AND INSPECTING APPARATUS FOR WIND TURBINE AND RELATED METHODS
CN102345559 A 20120208	CN20111202587 20110711	G05D27/02; F03D9/00	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Closed cabinet body control system and wind turbine generator system (WTGS)
CN102345560 A 20120208	JP20100164752 20100722	F03D11/00; C09D7/12; C09D127/12; C09D167/00; C09D175/04	ASAHI GLASS CO LTD	COATING COMPOSITION FOR COATING SURFACE OF BLADE IN WIND POWER GENERATOR AND MANUFACTURING METHOD OF BLADE IN WIND POWER GENERATOR

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CN102345561 A 20120208	US201113252277 20111004; WO2010US29610 20100401; US20090166791P 20090406	H02K7/116; F03D3/02; F03D9/00; F03D11/02; F16H37/06	BITAR PETER V [US]	COAXIAL WIND TURBINE
CN102345562 A 20120208	CN20111323941 20111023	F25B15/00; F02C6/00; F03D9/00; F24F11/02; F25B49/04; G06F19/00; H02J3/46	Xi'an Jiaotong University	Cold-electricity cogeneration system comprising wind power and gas combined cycle unit and method for scheduling cold-electricity cogeneration system
CN102345563 A 20120208	HU20100000545 20101011	F03D1/00; H02K57/00	SANDOR BERTALAN [HU]	COMBINED ACTUATING GENERATOR WITHOUT STRATOR
CN102345564 A 20120208	CZ20120025835U 20120328	F03D1/04; F24J2/06; H01L31/042	KOVAR VOJTECH [CZ]	Combined device for employing both solar and wind energies
CN102345565 A 20120208	CN20112389821U 20111013	B66B9/00; B66B1/50; B66B11/02; F03D11/00	Shanghai Austri Wind Power Technology Co., Ltd.; Shanghai Westri Industrial Co., Ltd.	Combined elevator for fan tower barrel
CN102345566 A 20120208	CN20112314422U 20110826	F24J2/00; F03D9/00	Connell Energy Technology (Shanghai) Co., Ltd.; Li Jun	Combined hot water producing device utilizing wind energy and solar energy
CN102345569 A 20120208	JP20100220358 20100930	F03D9/00; H01L31/042	IKEDA SAKAE	COMBINED NATURAL ENERGY ACQUISITION APPARATUS
CN102348889 A 20120208	DE201020011160U 20100807	F03D11/00; F04B53/16; F04B53/18; F04B53/20; F04B53/22	MAHLE INT GMBH [DE]	Combined pump and filter module
CN102349229 A 20120208	IT2010RM00506 20100930	G06Q10/00; F03D11/00	EN ETICHE S R L [IT]; LIVIO CRESTINI [IT]	COMBINED SYSTEM FOR EVALUATING THE PRODUCIBILITY OF A WIND FARM

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CN102350020 A 20120215	WO2010DK50092 20100423; DK20090000546 20090428	F03D1/04; F03D3/04	BANG-MOELLER SOEREN [DK]	COMBINED WING AND TURBINE DEVICE FOR IMPROVED UTILIZATION OF FLUID FLOW ENERGY
CN102352514 A 20120215	CN20112405184U 20111023	F03D3/06; F03D3/04	Guizhou Huake Aluminum Material Engineering Technology Research Co., Ltd.	Combined-type windmill
CN102352810 A 20120215	CN20112160997U 20110519	H02J13/00; F03D7/00; G05B19/418	BEIJING ENERGY INVEST HOLDING CO LTD; BEIJING GUANGYAO ELECTRIC POWER AUTOMATION CO LTD	Communication controller and system for wind energy electric field
CN102352813 A 20120215	US20100891905 20100928	F16H1/28; F03D11/00	GEN ELECTRIC [US]	Compact Geared drive train
CN102352814 A 20120215	WO2010US25701 20100227; US20090208796P 20090302	F03D3/00; F03B13/00; F03B13/22; F03D11/00; F03D11/02	LAKHANI MEHBOOB [US]	COMPACT WIND AND WATER TURBINE SYSTEMS
CN102352815 A 20120215	CN20112265830U 20110726	F03D11/00	QINGTAO QIU	Compensator special for wind power
CN102352816 A 20120215	CN20112187903U 20110603	F03D11/00; F16H57/04; H02K9/04	Heatex Heat Exchanger (Shanghai) Co., Ltd.	Complete cooling system for wind generator set
CN102352817 A 20120215	US20100902331 20101012	F04D29/38; B29C65/48	GEN ELECTRIC [US]	COMPOSITE COMPONENTS AND PROCESSES THEREFOR
CN102352818 A 20120215	WO2010EP56760 20100518; EP20090160871 20090521	E04H12/08; F03D11/04	ALSTOM WIND S L U [ES]	Composite connection for a wind turbine tower structure
CN102352819 A 20120215	CN20101285727 20100917	H02J7/00; F03D9/00;	QIYI HIGH SCHOOL TONGJI UNIV	Composite energy-saving system for subdistrict

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		H02N6/00		
CN102352820 A 20120215	JP20100291367 20101227	F03D11/00; B32B27/12; B32B37/10; B32B37/12; B32B37/14	MITSUBISHI HEAVY IND LTD [JP]	COMPOSITE MATERIAL PANEL STRUCTURE AND MANUFACTURING METHOD
CN102352821 A 20120215	DE201010026018 20100703	B29C70/16; B29C70/48; B29C70/54; F03D1/06	BLOES H J BLOES GBR VERTRETUNGSBERECHTIGTER GESELLSCHAFTER HERR HEYE BLOES BIRKENWEG 1 H [DE]	Composite plastic rotor blade for wind turbine, has preform that is formed by integrating auxiliary and functional supports, and mold that is formed by removing functional support through infusion process
CN102352822 A 20120215	WO2010US56491 20101112	B63H1/26; B63H7/02; B64C11/16; B64C27/46; F01D5/14; F03B7/00; F03D11/02; F04D29/38	BELL HELICOPTER TEXTRON INC [US]; SHERRILL PAUL B [US]; STAMPS FRANK B [US]; MEASOM RONALD J [US]	COMPOSITE ROTOR BLADE HAVING WEIGHTED MATERIAL FOR MASS BALANCING
CN102352823 A 20120215	CN20111251311 20110830	F03D7/04; F03D11/04	Harbin Institute of Technology	Composite rotor structure variable-speed constant-frequency wind power generator system and control method thereof
CN102352824 A 20120215	CN20101215574 20100702	H02N6/00; C25B1/04; F03D3/00; F03D9/00	Epoch Technology Industry Co.,Ltd.	Composite type generating system
CN102352825 A 20120215	KR20100064656 20100706	F03D9/00; F03D3/00; F03D3/06	I.S.Euko Co., Ltd.	Composite type wind power generation device
CN102352953 A 20120215	CN20112197929U 20110613	F03D3/06	HUI KONG	Composite wind wheel and vertical shaft type wind driven generator using wind generated by train running

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CN102356233 A 20120215	JP20100134960 20100614	F03D3/02; F03D3/06; F03D9/00; F03D11/04	HOKUTO TSUSHIN CO LTD	COMPOUND COMPACT WIND TURBINE GENERATOR OF BELL-SHAPED CROSSFLOW DARRIEUS TYPE
CN102356235 A 20120215	US20100856678 20100815	F03D9/02; F02B43/00	CHANG LIN WEN [TW]	COMPOUND POWER GENERATING SYSTEM
CN102358192 A 20120222	CN20112287269U 20110809	F03D7/00	JIANHUA WU	Comprehensive data integration processing device for wind power safety intelligent early-warning emergency system
CN102359431 A 20120222	CN20111429050 20111220	F03D9/00; F03B3/18; F03B13/00	Gu Weidong	Comprehensive wind-water power generating system
CN102359433 A 20120222	CN20111316669 20111018	F01B23/10; F03D9/02	ELECTRIC POWER TECHNOLOGY RES INST OF JILIN ELECTRIC POWER CO LTD; JILIN ELECTRIC POWER TECHNOLOGY RES INST CO LTD	Compressed air electric energy storage device
CN102359434 A 20120222	GB20110020302 20111124; GB20090022517 20091223	F02C6/16; F03D9/02	GLOBAL POWER AND ENERGY LTD [GB]	Compressed air energy storage system
CN102359435 A 20120222	KR20100079632 20100818	F04D13/16; F03D9/00; F03D9/02; F04D29/00	LEE DAL EUN [KR]	COMPRESSED AIR GENESIS SAVE EQUIPMENT WITH A REDUCED INITIAL DRIVING LOAD
CN102359436 A 20120222	CN20091111878 20090601; CN20092139537U 20090722	F03D3/04; F03D11/00	LEI YUENING [CN]; LEI SHENGQING [CN]	COMPRESSED-AIR WIND TURBINE GENERATOR SYSTEM HAVING A SUBSTANTIALLY SQUARE, MOVABLE BODY

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CN102359437 A 20120222	US20090216942P 20090522; WO2010US35795 20100521	F03D9/02	GEN COMPRESSION INC [US]	Compressor and/or expander device
CN102359438 A 20120222	TW20100139149 20101115	F24F7/06; F03D9/00	UNIV KUN SHAN [TW]	comprising a ventilation part, a power generation part and a transmission element for providing air regulation and power generation functions at the same time
CN102359442 A 20120222	US20100927453 20101116	F03D3/06	WILLIAMS HERBERT L [US]	Concentric ring wind turbine
CN102359710 A 20120222	CN20112265137U 20110725	B63H9/06; F03D9/00	Shanghai Maritime University	Conch-type sail navigation-assisted mechanical device
CN102361338 A 20120222	KR20100124679 20101208	G01M99/00; F03D11/00; G01H17/00	KORE INST MACH & AMP MATERIALS [KR]; SM INSTR CO LTD [KR]	CONDITION MONITORING APPARATUS AND CONDITION MONITORING METHOD FOR MACHINERY SYSTEM
CN102361416 A 20120222	US201113111023 20110519	G06G7/48	GEN ELECTRIC [US]	CONDITION MONITORING OF WINDTURBINES
CN102362033 A 20120222	PT20100105353 20101025	F03D11/04; F03D3/04	PINHO ALVARO MANUEL PIMENTA VAQUER DE [PT]	CONE DE VENTO ASSENTE EM CALHAS CONC?NTRICAS PARA APROVEITAMENTO DE
CN102362068 A 20120222	US20100797159 20100609	F03D11/00	GEN ELECTRIC [US]	Configuration of a wind turbine nacelle for transportation
CN102364089 A 20120229	CN20111307226 20111012	F03D7/02; F16N1/00	Yao Gang	Conjugation type variable pitch adjusting mechanism of wind- driven generator
CN102364090 A 20120229	CN20112219142U 20110627	F03D11/00	Nantong Aulland Composites Co., Ltd.	Connecting angle brace
CN102364091 A 20120229	KR20100011647U 20101111	F03D11/00; F03D11/02		CONNECTING APPARATUS OF GEAR BOX AND MAIN AXIS IN WIND TURBINE
CN102364092 A 20120229	TW20100119733 20100617	F03D9/02	NAT UNIV CHIN YI TECHNOLOGY [TW]	Connecting device of wind-power electricity generating devices
CN102364093 A 20120229	TW20100119730 20100617	F03D11/04	NAT UNIV CHIN YI TECHNOLOGY [TW]	Connecting mechanism of wind-power electricity generating devices

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CN102364094 A 20120229	CN20112215824U 20110624	F03D11/00	Nantong Aulland Compound Material Co.,Ltd.	Connecting piece
CN102364095 A 20120229	CN20112255840U 20110720	F03D11/00	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Connecting structure for honeycomb board and connecting piece
CN102364096 A 20120229	CN20112259298U 20110721	F03D11/00	SHANGHAI HING WAH HONEYCOMB PANEL CO LTD	Connection structure for vertical face of honeycomb plate and curved face of honeycomb plate
CN102364097 A 20120229	CN20112317259U 20110829	F03D11/00; F03D11/02; H02K5/04	TANGSHAN TOYODA TECHNOLOGY CO LTD	Connection structure of vertical-axis windmill and power generator
CN102364098 A 20120229	CN20101252947 20100815	F03D9/00; F24F7/08; F24J2/04	Sun Shanjun	Construction insulation, facing, ventilation and generating system
CN102364140 A 20120229	KR20110032151 20110407	F03D11/04; E02D27/52	UNIV KONKUK IND COOP CORP [KR]; KOLON GLOBAL CORP [KR]	CONSTRUCTION METHOD FOR MARINE WIND POWER GENERATION STRUCTURE
CN102365453 A 20120229	JP20120034971 20120221	E02B17/00; B63B21/50; B63B27/04; B63B35/00; F03D9/00; F03D11/04	DAIICHI KENSETSU KIKO CO LTD [JP]; OISHI KENSETSU KK; WOONGJIN DEV CO LTD [KR]	CONSTRUCTION METHOD OF OCEAN WIND POWER GENERATION FACILITY
CN102367781 A 20120307	DK20060000926 20060705; DK20060000927 20060705; WO2007EP56816 20070705	E02D27/42; F03D1/00	VESTAS WIND SYS AS [DK]	CONSTRUÇÃO DE UMA TORRE E MÉTODO PARA O ASSENTAMENTO DE UM FUNDAMENTO PARA A CONSTRUÇÃO DE UMA TORRE
CN102367782 A 20120307	JP20100260791 20101124	F03D3/06; F03D9/00; F03D11/04	HAMASHITA HIROSHI	CONSUMER POWER GENERATOR

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CN102367783 A 20120307	CN20101298701 20100930	G06F1/16; F03D9/00; H02J7/32	Hongfujin Precision Industry (Shenzhen) Co.,Ltd.;Hon Hai Precision Industry Co., Ltd.	Container data center and power generating system thereof
CN102367784 A 20120307	TW20100137378 20101029	H02K1/22; F03D1/00	YANG CHENG-WEI [TW]	Contra-rotating generator
CN102367785 A 20120307	JP20100142866 20100623	F03D7/04; H01L31/042	SONY CORP	CONTROL APPARATUS AND METHOD, AND ELECTRIC POWER GENERATION DEVICE AND METHOD
CN102367786 A 20120307	CN20111382540 20111125	F03D7/00; H02P9/04	A&C Institute of ShenYang University of technology	Control device and control method for compensating torque adjusting delay of wind generating set
CN102368644 A 20120307	WO2010JP58211 20100514	F03D1/06	mitsubishi heavy ind ltd [JP]	CONTROL DEVICE FOR WIND TURBINE
CN102369134 A 20120307	KR20100106802 20101029	F03D11/00; F03D7/00; F16D48/10; F16D65/095	SAMSUNG HEAVY IND [KR]	CONTROL DEVICE FOR WIND TURBINE BRAKE
CN102372087 A 20120314	CN20112289761U 20110810	F03D7/00	HEFEI LISTEN NEW ENERGY TECHNOLOGY CO LTD; ZHENG GONG	Control device of small-sized wind generator
CN102372371 A 20120314	DE201010016292 20100401	F03D7/00; F03D1/06; F03D9/00	SSB WIND SYSTEMS GMBH & CO KG [DE]	Control device of wind power generation equipment and corresponding wind power generation equipment
CN102374116 A 20120314	WO2010JP60231 20100616	F03D7/04; H02M5/16; H02P9/42	mitsubishi heavy ind ltd [JP]	Control device of wind turbine generator and control method thereof
CN102374117 A 20120314	CN20111280931 20110915	F03D7/00	Xinjiang Goldwind Science and Technology Co., Ltd.	Control method and system for wind turbine generator system
CN102374120 A 20120314	CN20111256293 20110831	F03D7/02; H02P9/00	GUODIAN UNITED POWER TECH CO	Control method and system of differential gear box speed regulation type synchro wind generating set

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CN102374125 A 20120314	DK20100070568 20101221; US201061425585P 20101221	F03D7/02	VESTAS WIND SYS AS [DK]; RISAGER LARS [DK]; DALSGAARD SOEREN [DK]; KRISTOFFERSEN JACOB KROGH [DK]; THOMSEN JESPER SANDBERG [DK]; SOERENSEN SOEREN [DK]; ANDERSEN ASGER SVENNING [DK]	CONTROL METHOD FOR A WIND TURBINE
CN102374126 A 20120314	CN20101250716 20100811	F16N29/00; F01M1/14; F03D11/00; F16C33/66; F16N1/00; F16N11/00; F16N25/00	SINOVEL WIND GROUP CO LTD [CN]	CONTROL METHOD OF AUTOMATIC LUBRICATION SYSTEM OF VARIABLE-PITCH BEARING USED FOR WIND TURBINE GENERATOR SYSTEM
CN102374127 A 20120314	JP20080183035 20080714; JP20110240157 20111101	F03D3/06; F03D7/06	MATSUMOTO ENGINEERING KK; MATSUMOTO TAKAYASU	CONTROL METHOD OF PITCH ANGLE AND BLADE CROSS SECTION OF BLADE BODY IN WIND TURBINE
CN102374128 A 20120314	US20100414438P 20101117; DK20100070357 20100812	F03D9/00; F03D7/04	VESTAS WIND SYS AS [DK]; LOVMAND BO [DK]; DALSGAARD SOEREN [DK]	CONTROL OF A WIND POWER PLANT
CN102374129 A 20120314	TW100217720U 20110921	F03D7/00	JNC TECHNOLOGY CO LTD [TW]	Control structure of wind power generator
CN102374130 A 20120314	US20100916153 20101029	G01P21/02; F03D3/00; G01D3/08; G01D18/00	GEN ELECTRIC [US]	Control System and Methods of Verifying Operation of at Least One Wind Turbine Sensor

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CN102374131 A 20120314	SE20090050602 20090824; WO2010EP62170 20100820	F03D7/04; F03D7/02; F03D9/00; G01R31/36; H02J9/06	GE WIND ENERGY NORWAY AS [NO]	Control system for a wind turbine
CN102374132 A 20120314	US20100883702 20100916	F03D7/04; F03D1/00; F03D11/00	VESTAS WIND SYS AS [DK]	CONTROL SYSTEM FOR A WIND TURBINE AND METHOD OF OPERATING A WIND TURBINE BASED ON MONITORING A BEARING
CN102374134 A 20120314	MX20100008521 20100726	F03D7/02	CIATEQ A C [MX]	CONTROL SYSTEM FOR DOMESTIC WIND GENERATOR.
CN102374136 A 20120314	CN20111286143 20110924	F03D7/00	Guangdong University of Technology	Control system for double-fed wind driven generator
CN102374137 A 20120314	CN20112331873U 20110906	F03D7/00; H05K5/02	GUODIAN UNITED POWER TECH CO	Control system for safety chain of wind generating set
CN102377266 A 20120314	CN20111399300 20111205	F03D7/00	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Control system for wind generator
CN102381186 A 20120321	CN20112360441U 20110924	F03D7/00	Guangdong University of Technology	Control system of doubly-fed wind driven generator
CN102381200 A 20120321	WO2010JP69336 20101029	F03D7/00; F03D7/04; H02J3/38; H02P9/04	MITSUBISHI HEAVY IND LTD [JP]	CONTROL SYSTEM OF WIND POWER GENERATOR, WIND FARM, AND METHOD FOR CONTROLLING WIND POWER GENERATOR
CN102381611 A 20120321	US20100974567 20101221	F03D7/04	GEN ELECTRIC [US]	Control system, wind farm, and methods of optimizing the operation of a wind turbine
CN102383766 A 20120321	GR20100100492 20100908	F03D3/06	ANDRIKOPOULOS THEMISTOKLIS ANDREA [GR]	CONVERSION OF KINETIC ENERGY OF GASES/LIQUIDS INTO ELECTRIC VIA WIND WHEEL TURBINES AND PADDLE WHEEL TURBINES
CN102384024 A 20120321	CN20112221303U 20110628	F03D11/00	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Converter cabinet of double-fed wind turbine generator and cabin dehumidifying and condensation prevention apparatus

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CN102384025 A 20120321	US20100893654 20100929; US20100893644 20100929; US20100883695 20100916	F03D11/00	VESTAS WIND SYS AS [DK]; WADEHN JOERG [DE]	CONVERTIBLE BEARING FOR A WIND TURBINE AND METHOD FOR OPERATING SAME
CN102384026 A 20120321	US201113168663 20110624	F03D9/00; H01F27/08; H01F27/30	WAGONER ROBERT GREGORY [US]; KUHN HARALD [DE]	COOLING DEVICE FOR ELECTRICAL DEVICE AND METHOD OF COOLING AN ELECTRICAL DEVICE
CN102384032 A 20120321	CN20112197238U 20110603	F03D11/00; F01P3/22	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Cooling equipment for wind driven generator
CN102384033 A 20120321	EP20090013958 20091106	H02K9/00; F03D11/00; H02K1/20; H02K7/18; H02K9/16	SIEMENS AG [DE]	Cooling of an electrical generator using hollow cooling pipes integrated into stacked laminate plates of a stator
CN102384034 A 20120321	EP20100175284 20100903	F03D11/00; F03D11/04	ABB AG [DE]	Cooling system for an offshore assembly
CN102384035 A 20120321	CN20112197024U 20110613	H05K7/20; F03D11/00	REENERGY ELECTRIC SUZHOU CO LTD	Cooling system of PLC control cabinet
CN102384036 A 20120321	EP20100189995 20101104	F28D1/00; F01P3/18; F03D11/00	SIEMENS AG [DE]	COOLING-ARRANGEMENT
CN102384037 A 20120321	GB20100018081 20101026	B29C70/08; B29C70/86; B29D99/00; B32B38/18; F03D1/06; H01Q17/00	VESTAS WIND SYS AS [DK]; APPLETON STEVE [GB]	CORE FOR A COMPOSITE STRUCTURE AND METHOD OF FABRICATION THEREOF
CN102384038 A 20120321	PL20110396204 20110905	F03D11/04; F03D1/00; F03D3/00	POLITECHNIKA WROCLAWSKA [PL]	Corner wind turbine

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CN102384039 A 20120321	US20100387603P 20100929	F03D9/00; E04H1/00; F03D11/04	GAGNON FRANCOIS [CA]	CORNER WIND TURBINE FOR TALL BUILDING
CN102384042 A 20120321	CN20101535405 20101108	F03D9/00; F03D1/02; F03D3/02	Yang Zhengwei	Counter rotating type power generator
CN102384043 A 20120321	US20100889670 20100924	F03D11/02; F03D3/02; F03D9/00	RENEWABLE GREEN PRODUCTS INC [US]	COUNTER ROTATING WIND TURBINE POWER GENERATION
CN102384044 A 20120321	CN20111213753 20110728	F03D9/00; F03D3/06; F03D7/06; F16C32/04	Shenzhen Neork Technology Co.,Ltd.	Counter-rotating double-blade fully permanent-magnet suspended vertical axis wind turbine
CN102384055 A 20120321	US201113316146 20111209; US20100421941P 20101210	F03D7/06; F03D9/00	LEADER INTERNAT CORP [US]	COUNTER-ROTATING VERTICAL AXIS WIND TURBINE ASSEMBLY
CN102386631 A 20120321	CN20112296647U 20110805	F03D1/04; F03D1/06	FU KANG	Couple circulating windmill
CN102386733 A 20120321	CN20101550558 20101115	F16H21/48; F03D9/00; F03D11/00; F16H33/02; F16H57/023	Gao Zexing	Coupler assembly, power transfer system, wind turbine and wind driven generator
CN102386828 A 20120321	CN20112122356U 20110425	F03D11/00	Shenyang University of Technology	Cover lifting device of engine room casing of wind power generator
CN102390495 A 20120328	DE201010045139 20100911	F03D1/00; F03D11/00; F16B5/00	NORDEX ENERGY GMBH [DE]	Cover panels for a nacelle of a wind turbine
CN102392782 A 20120328	CN20112235989U 20110706	F03B3/12; F03D3/06	DEMIN WANG	Crank shaft type blades for tidal current generator
CN102392783 A 20120328	IT2007NA00103 20071018	F03D3/00; F03D3/06; F03D11/04	CAPUTI ORESTE [IT]	CROSSED FLOW TURBINE

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CN102392784 A 20120328	KR20110000180 20110103	H02M9/00; F03D7/00; F03D11/00	HYUN DAI HEAVY IND CO LTD [KR]	CROW BAR CIRCUIT FOR WIND POWER GENERATOR
CN102392785 A 20120328	JP20100270873 20101025; JP20110243916 20110916	F03B13/26; F03B3/00; F03D3/06	YAMASHITA NORIARI	CUP TYPE "HYDRAULIC POWER" OR "TIDAL POWER" GENERATOR, AND INSTALLATION METHOD THEREFOR
CN102392786 A 20120328	WO2010EP65344 20101013	H02J3/38; F03D9/00	ABB SCHWEIZ AG [CH]; STEIMER PETER [CH]; EBNER STEPHAN [DE]	CURRENT-TRANSMITTING DEVICE FOR A WIND POWER PLANT
CN102392787 A 20120328	CN20112233420U 20110705	F03D11/00; F16F15/04	China Creative Wind Energy Co.,Ltd.	Damping mechanism for speed increasing box
CN102392788 A 20120328	KR20110054183 20110603	F03D3/06; F03D11/00	BOSUNGRND CO LTD [KR]	DARRIEUS TYPE WIND POWER GENERATION APPARATUS
CN102392789 A 20120328	DE201010045658 20100917; DE201110012910 20110303	F03D3/06	BECKMANN JOERG [DE]	Darrieus-H-rotor wind turbine for use in wind power plant for producing power, has scissors system pulling and pushing rotor blade from and to rotor shaft, where horizontal movement of blade is triggered by vertical motion of receiving disk
CN102392790 A 20120328	JP20100224164 20101001	B63B3/48; F03D11/04	DAIICHI KENSETSU KIKO CO LTD [JP]; WOONGJIN DEV CO LTD [KR]	Deck elevating type operating platform vessel and construction method of offshore wind power generation facilities
CN102392791 A 20120328	CN20111379048 20111124	F03D11/04	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD	Dedicated connecting piece used for wind turbine and method of replacing parts of offshore wind turbine
CN102392792 A 20120328	CN20111233887 20110816	F03D11/00	GUODIAN UNITED POWER TECH CO	Deicing and freeze resisting system for blade of wind generating set
CN102392793 A 20120328	CN20112298645U 20110816	F03D11/00; H02K9/04	GUODIAN UNITED POWER TECH CO	Deicing and frost-resisting system for blade of wind-power wind generator system

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CN102392794 A 20120328	KR20110072652 20110721; KR20110072654 20110721	E01F9/04; F03D9/00; F21S9/02	SHIN HYUN SOO [KR]	DELINEATOR BY USING AEROGENERATOR
CN102392795 A 20120328	DE201010040654 20100913	F03D11/04	REPOWER SYSTEMS SE [DE]	Demontage eines Getriebes einer Windenergieanlage
CN102392796 A 20120328	US201113176468 20110705; US20100362216P 20100707	F03D9/00	ATOPIA RES [US]	Deployable wind power and battery unit
CN102392797 A 20120328	KR20100077605 20100812	C02F1/02; F03D1/02	KORE INST MACH & AMP MATERIALS [KR]	DESALINATION SYSTEM
CN102392798 A 20120328	CN20112333207U 20110907	F03D11/00	NANJING WIND POWER TECHNOLOGY CO LTD	Detachable tower cylinder
CN102393083 A 20120328	JP20100267715 20101130	G01W1/00; F03D9/00	MITSUBISHI HEAVY IND LTD [JP]	DETECTING APPARATUS FOR DETECTING LIGHTNING STRIKE, WIND TURBINE BLADE EQUIPPED WITH THE SAME, WIND TURBINE GENERATOR, METHOD FOR DETECTING LIGHTNING STRIKE
CN102398860 A 20120404	EP20100197278 20101229	G01M7/02; F03D11/00	SIEMENS AG [DE]	DETERMINATION OF A VIBRATIONAL FREQUENCY OF A WIND TURBINE ROTOR BLADE WITH A SENSOR DEVICE BEING PLACED AT A STRUCTURAL COMPONENT BEING ASSIGNED TO AND/OR BEING PART OF THE ROTOR
CN102400172 A 20120404	DE201010045238 20100909	F03D11/00	LIEHSKE ALEXANDER [DE]	Deterrence device for preventing contact of flying animal with wind energy plant, has signal transmitters that are arranged in wind energy plant, such that acoustic signals generated by transmitters cover rotor blade region

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CN102400569 A 20120404	JP20100253707 20101112	F03D7/04; F03D1/06; F03D9/00; H02P9/00	HITACHI LTD [JP]; KONDO SHINICHI [JP]; UCHIYAMA NORIYUKI [JP]; ICHINOSE MASAYA [JP]; MATSUTAKE MITSUGU [JP]	DEVICE AND METHOD FOR CONTROLLING GROUP OF WIND POWER GENERATORS
CN102400842 A 20120404	KR20117011695 20100526	F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	DEVICE AND METHOD FOR CONTROLLING WIND TURBINE
CN102400847 A 20120404	ES20100001165 20100909	F03D11/00	GAMESA INNOVATION & TECH SL [ES]	Device and method for enhancing wind turbine pod frame
CN102400848 A 20120404	WO2010SE50775 20100705	G01B7/06; F03D11/00	SAAB AB [SE]; FIGUEROA-KARLSTROEM EDUARDO [SE]	DEVICE AND METHOD FOR MEASURING ICE THICKNESS
CN102400851 A 20120404	EP20100016095 20101227	G01B11/16; F03D11/00	BAUMER INNOTECH AG [CH]	Device and method for measuring the deformation of a rotor blade under stress
CN102400852 A 20120404	EP20100014976 20101125	G01B11/16; F03D11/00	BAUMER INNOTECH AG [CH]	Device and method for measuring the deformation of a rotor blade under stress
CN102400853 A 20120404	EP20100014977 20101125	F03D11/00; G01B11/16	BAUMER INNOTECH AG [CH]	Device and method for measuring the deformation of a rotor blade under stress and error compensation
CN102400854 A 20120404	DE201010034160 20100810; DE201010050313 20101105	F03B13/06; F03D9/02	EBRECHT WILHELM [DE]	Device and method for storing electrical energy
CN102400855 A 20120404	CZ20120025775U 20120316	F03D3/00; F03D5/00	VENTOSI SOLUTIONS [CZ]	Device employing air stream for producing electric power
CN102400856 A 20120404	TW100212913U 20110714	F03D11/00	SONKYO ENERGY S L [ES]	Device for adjusting the blade pitch of a wind generator
CN102400857 A 20120404	WO2010EP59657 20100706; FR20090054935 20090716	F03D1/06; F16B17/00	ASTRIUM SAS [FR]	DEVICE FOR ASSEMBLING SECTIONS OF WIND-TURBINE BLADES AND METHOD FOR LINKING SECTIONS OF WIND-TURBINE BLADES

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CN102400858 A 20120404	CN20111164024 20110617	C01D3/06; C02F1/14; F03D9/00; H02N6/00	Feng Jing	Device for atomizing seawater to make salt by utilizing natural resources and collecting distilled water
CN102400859 A 20120404	CN20112228216U 20110630	F03D9/00; B66C23/16; F03D3/00; F03D3/06; F03D11/00	YUNHE DENG	Device for avoiding stalling caused by strong wind of vertical axis wind turbine
CN102400860 A 20120404	SE20100051025 20101001	B63H5/03; F03B9/00; F03B17/06; F03D5/02	COSMOMIND AB [SE]	DEVICE FOR BOAT PROPULSION OR ENERGY PRODUCTION
CN102400861 A 20120404	DE201010030694 20100630	B63B35/44; E02B9/00; E02B17/00; E04H5/02; E04H12/00; E21B15/04; F03D11/04	MASCHB UND UMWELTTECHNIK GMBH MBU [DE]	Device for carrying out work in e.g. off-shore wind power plant, has individual modules formed independent of each other, where modules include own supply of machinery, equipment and control device
CN102400862 A 20120404	FR20100055335 20100701	F03D1/04; F03D3/04; F03D11/04	HELIO OIKOS [FR]; ROUDOT DENIS [FR]; HERVE YANNICK [FR]	DEVICE FOR COLLECTING WIND ENERGY AND BUILDING COMPRISING SUCH A DEVICE
CN102400863 A 20120404	CN20112329565U 20110905	F03D11/00	SHANDONG SHUANGYI GROUP CO LTD	Device for connecting nacelle cover with lightning protection copper strip
CN102400872 A 20120404	DE201010048555 20101014	F03D3/06; F03D3/04	PREDZINK GERD [DE]	Device for converting linear motion into rotational movement of rotor used in wind turbine, has wind contact elements that are integrated surrounding rotor, whose edge close to housing is bent and formed as wind flow surface
CN102401106 A 20120404	RU20100144990 20101103	F03D3/04; F03B3/02	DZUGAEV VLADIMIR KHAZBIEVICH [RU]	DEVICE FOR CONVERTING THE KINETIC ENERGY OF A MEDIUM INTO ROTATION OF A ROTOR

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CN102401478 A 20120404	CN20101236700 20100718	C02F1/14; F03D9/00	Liu Fangxu	Device for desalinating seawater and brackish water by solar energy and wind energy, and displacement method
CN102403747 A 20120404	US201113272963 20111013; DK20030001955 20031230; DK20040000737 20040508; US20070585005 20070926; WO2004DK00930 20041230	E04G3/24; E04G3/30; E04G3/32; F03D1/00	PP ENERGY APS [DK]	DEVICE FOR ENABLING ACCESS TO A STRUCTURE ABOVE GROUND LEVEL
CN102403799 A 20120404	DK20080000882 20080626; DK20080001358 20080929; WO2009DK00143 20090618	F03D1/00; E04G3/24; E04G3/30	PP ENERGY APS [DK]	Device for enabling access to a wind turbine rotor blade which can be guided to the blade
CN102403944 A 20120404	CN20112221307U 20110628	F03D11/00	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Device for entering into engine room from tower barrel in wind power generating set
CN102405715 A 20120411	CN20111164029 20110617	C01D3/06; C02F1/14; F03D9/00; H02N6/00	Feng Jing	Device for evaporating brine and generating electricity by utilizing solar power and wind power
CN102407004 A 20120411	US20100900036 20101007	F03D5/00	GRAY DENNIS JOHN [US]	Device for Extracting Energy from Moving Air or Moving Water
CN102410046 A 20120411	DE201010041559 20100928	F01M11/00; B03C1/02; F01M1/10; F03D11/00	BRASSEUR MICHAELA [DE]; WOHLLEB MATTHIAS [DE]	Device for filtering lubricants in a transmission

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CN102410137 A 20120411	CN20112307318U 20110822	F16L3/08; F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Device for fixing cable and pipeline in wind generating set
CN102410138 A 20120411	CN20112329576U 20110905	F03D11/04	SHANDONG SHUANGYI GROUP CO LTD	Device for fixing hoisting covering cap of cabin cover
CN102410140 A 20120411	DE201010045814 20100920	F16D3/04; F03D11/02; F16D3/06; F16D7/02	KIRSCHEY CENTA ANTRIEBE [DE]	Device for force-transmitting connection between two aggregates, particularly for connecting gear of wind turbine, has generator for producing electricity, where drive sided shaft is coupled with generator
CN102410141 A 20120411	IT2010TO00578 20100706	H02K7/18; F03D9/00	FOND ISTITUTO ITALIANO DI TECNOLOGIA [IT]; FOCCHI MICHELE [IT]; GUGLIELMINO EMANUELE [IT]; PANE GIANLUCA [IT]; CORDASCO STEFANO [IT]; TACCHINO CARLO [IT]; CALDWELL DARWIN G [IT]	DEVICE FOR GENERATING ELECTRIC POWER FROM A SOURCE OF AIR OR OTHER GAS OR FLUID UNDER PRESSURE
CN102410142 A 20120411	ES20100030689U 20100630	F03D3/02; F03D9/00; F03G7/10	EVOLUCIONES TECNOLOGICAS DEL MEDITERRANEO S L [ES]; DIAZ SALAR ALONSO [ES]; ALVARADO RAMIREZ ANTONIO GUILLERMO [ES]; LOPEZ FERNANDEZ DAVID [ES]	DEVICE FOR GENERATING ELECTRICAL ENERGY
CN102410143 A 20120411	CN20101554899 20101123	F03G6/06; F03D3/06; F03D9/00	Dalian Chuangda Technology Trade Market Co., Ltd.	Device for generating electricity under complementary action of low-wind-speed wind energy and solar energy
CN102410144 A 20120411	PL20100392527 20100928	H02K7/18; F03D9/00	CARBON VALLEY LTD SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA [PL]	Device for generating energy

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CN102410145 A 20120411	KR20100127133 20101213	F03D9/00; F03B13/26; H01L31/042	CHUNGPA EMT CO LTD [KR]	DEVICE FOR GENERATING HYBRID-RECYCLING ENERGY AND DEVICE FOR MEASURING OF THAT
CN102410146 A 20120411	CN20111437227 20111222	F03D9/00; F03D5/00	Luoyang Weiqi Solar Technology Co., Ltd.	Device for increasing wind power generation efficiency
CN102410147 A 20120411	JP20090296149 20091225; WO2010JP73368 20101224	B29C70/06; F03D11/00	mitsubishi heavy ind ltd [JP]	Device for laminating reinforcement fiber base material and method for laminating same
CN102410148 A 20120411	DE201010055500 20101222	F03D11/00	BAUMER INNOTECH AG [CH]	Device for measuring deformation of rotor blade of wind turbine, has electronic camera with matrix detector and arrangement for multiple reflectors
CN102410149 A 20120411	DE201010056033 20101227	F03D1/06; F03D11/00	BAUMER INNOTECH AG [CH]	Device for measuring deformation of rotor blade under load, particularly rotor blade of wind turbine, has receiver arranged at rotor blade and transmitter or reflector is arranged on rotor blade at distance from receiver
CN102410150 A 20120411	CN20112222457U 20110628	F03D7/00	GUODIAN UNITED POWER TECH CO	Device for monitoring vibration of cabin of wind power generator set
CN102410151 A 20120411	CN20111330886 20111027	F03D7/00	Zhenjiang Mingrun Information Technology Co., Ltd.	Device for monitoring wind power station based on industrial real-time database
CN102410154 A 20120411	SI20100000326 20101019	F03B13/06	KOPRIVSEK MITJA [SI]	DEVICE FOR PRODUCING AND ACCUMULATING ELECTRICITY
CN102410155 A 20120411	DE201010045801 20100920	F03D3/00; F03B7/00; F03B13/10; F03B17/06; F03D3/02; F03D3/04; F03D3/06	DRAEGER FRANK [DE]	Device for producing electrical energy from rotary movement of rotor element utilized in e.g. wind power plant, has standard container frame in which individual rotor elements are provided and connected with generator for power production

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CN102410156 A 20120411	WO2009EP64365 20091030; DE200810037566 20081119	H02P9/00; F03D7/04; H02J3/01; H02J3/24; H02P9/10; H02P29/00	WOODWARD SEG GMBH & CO KG [DE]	Device for regulating a double-fed asynchronous machine
CN102410157 A 20120411	DE201010033228 20100803	F16N7/32; F01M1/08; F03D11/00; F16H57/04; F16N21/00	SIEMENS AG [DE]	DEVICE FOR SPRAY LUBRICATION OF A WIND TURBINE TRANSMISSION
CN102410158 A 20120411	AT20100001841 20101110	E04H12/16	PENZ ALOIS [AT]	DEVICE FOR STRENGTHENING A SHELL OF A SOLAR UPDRAFT CHIMNEY
CN102410159 A 20120411	TW20100128591 20100826	F03D9/00; F03D3/00	ATOMIC ENERGY COUNCIL [TW]	Device for VAWT with rotor to start up and avoid overspeed
CN102410574 A 20120411	CN20111157647 20110610	E01C11/26; F03D9/00	WUXI FRISKY TECHNOLOGY CO LTD	Device of using wind power electricity as power supply to automatically remove ice and snow from ramp
CN102410594 A 20120411	KR20120013681 20120210	B65F1/14; B65F1/16; F03D9/00	PYUNGHWA HIGH TECH CO LTD [KR]	DEVICE TO CHARGE THE TAXES AT A FOODGARBAGE
CN102411387 A 20120411	CN20112315360U 20110826	F03D9/00; F03B13/00; F03B13/26	Lei Lixu	Device used for wind power or hydraulic power generation
CN102414443 A 20120411	CN20112197782U 20110610	E01C11/26; E01F11/00; E01F13/04; E01F13/06; F03D9/00	WUXI FRISKY TECHNOLOGY CO LTD	Device utilizing wind energy generating to serve as power source and automatically clearing ice and snow on ramp way

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CN102417245 A 20120418	DE201010060333 20101103	G01R31/00; F03D11/00	FORSCHUNGSGEMEINSCHAFT FUER ELEK SCHE ANLAGEN UND STROMWIRTSCHAFT E V [DE]	Dezentrale Erzeugungsanlage, insbesondere Windenergieanlage, Pr ³ fschaltung sowie Pr ³ fverfahren
CN102418659 A 20120418	EP20070120177 20071107; US20070990858P 20071128; WO2008DK00395 20081107	F03D7/02; F03D7/04	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	DIAGNOSTICO DE DEFECTOS DE PASO Y DE CARGA.
CN102418660 A 20120418	CN20112325344U 20110831	F03D7/00	GUODIAN UNITED POWER TECH CO	Differential gearbox speed regulation-type control system for synchronous wind generating set
CN102418661 A 20120418	WO2010AT00225 20100617; AT20090001035 20090702	F03D7/04; F03D9/00; F03D11/02; F16H3/72	HEHENBERGER GERALD [AT]	DIFFERENTIAL GEARING FOR AN ENERGY GENERATION PLANT AND OPERATING METHOD
CN102418662 A 20120418	AT20100001113 20100701	F03D9/00	HEHENBERGER GERALD [AT]	DIFFERENTIAL TRANSMISSION FOR A WIND POWER INSTALLATION AND METHOD FOR OPERATION OF SAID DIFFERENTIAL TRANSMISSION
CN102418663 A 20120418	DE201220101708U 20120510	F03D11/04; F16H48/06	HEHENBERGER GERALD [AT]	Differenzialgetriebe f ^r Energiegewinnungsanlage
CN102418664 A 20120418	CN20101555574 20101123	F03D1/06	Shandong Anhua Tuoyuan Energy Co., Ltd.	Diffuse type wind wheel
CN102418665 A 20120418	DK20100070545 20101214	H02K1/12; F03D9/00; H02K3/46	VESTAS WIND SYS AS [DK]	Direct drive segmented generator
CN102418666 A 20120418	DK20100070543 20101214	F03D9/00; H02K1/12; H02K3/46	VESTAS WIND SYS AS [DK]	Direct drive segmented generator

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CN102418667 A 20120418	CN20112222192U 20110628	F03D9/00; F03D7/00; F03D11/02	QINGDAO HUACHUANG WINDPOWER CO LTD	Direct drive type ground wind power generating set for overhead wind power generation
CN102418668 A 20120418	EP20100382221 20100806	F03D11/02	ALSTOM WIND S L U [ES]	Direct drive wind turbine and method for controlling an air gap
CN102418669 A 20120418	EP20100000194 20100111; WO2010EP53986 20100326	F03D11/00	SIEMENS AG [DE]	Direct drive wind turbine with a cooling system
CN102418670 A 20120418	CN20111143501 20110531	F03D11/00; H02K1/28; H02K16/00	Xinda Heavy Industry Co., Ltd.	Direct driving type wind driven generator with double motors
CN102418671 A 20120418	CN20111176767 20110628	F03D9/00; F03D7/00; F03D11/02	QINGDAO HUACHUANG WINDPOWER CO LTD	Direct-drive ground wind generating set for high-altitude power generation
CN102418672 A 20120418	CN20111403001 20111207	F03D11/00	XEMC Windpower Co.,Ltd.	Direct-drive wind driven generator structure
CN102418673 A 20120418	WO2010JP57613 20100428	F03D11/00; F03D11/02	MITSUBISHI HEAVY IND LTD [JP]	DIRECT-DRIVE WIND TURBINE GENERATOR AND BEARING STRUCTURE
CN102418674 A 20120418	CN20112348101U 20110916	F03D9/00; F03D7/00; F03D11/00; F16C19/38; F16J15/16	SANY ELECTRIC CO LTD [CN]	Direct-driven wind generating set
CN102418676 A 20120418	DE201010033563 20100727	F03D11/00	STROMAG WEP GMBH [DE]	Disc brake for rotating turret of wind-power plant, has indication unit that is provided in operative connection with wear detection element, to indicate wear state of friction lining
CN102422744 A 20120425	CN20101233185 20100722	F03D9/00; F03D3/06; H02K21/00	Shanghai Wind New Energy Technology Co.,Ltd.	Disc magnetic levitation inner rotor type vertical axis wind generating set
CN102425314 A 20120425	CN20101233170 20100722	F03D9/00; H02J7/14	Shanghai Wind New Energy Technology Co.,Ltd.	Disc type vertical axis breeze generator system

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN102425526 A 20120425	CN20112127625U 20110422	F21S9/03; F03D9/00; F21S9/04; F21V23/04; H01T19/00	WEIXING SU	Disk type vertical axle scene light with a lightning protection, indication light
CN102425527 A 20120425	WO2010JP65107 20100903	H02K7/18; F03D3/00; F03D9/00; H02K1/06; H02K3/00; H02K5/04; H02K7/116	WINPRO CO LTD [JP]	DISK-SHAPED COAXIAL INVERSION GENERATOR AND WIND DRIVEN GENERATING EQUIPMENT INCLUDING THE SAME
CN102425528 A 20120425	FR20100058458 20101018	E02B17/00; E02D27/52; E04H12/34; F03D11/04	DORIS ENGINEERING [FR]; PETER FRAENKEL & PARTNERS LTD [GB]	DISPOSITIF DE SUPPORT D'UNE EOLIENNE DE PRODUCTION D'ENERGIE ELECTRIQUE EN MER, INSTALLATION DE PRODUCTION D'ENERGIE ELECTRIQUE EN MER CORRESPONDANTE.
CN102425529 A 20120425	FR20100059603 20101122	B63B35/44; F03D11/04	NASS & WIND IND [FR]	DISPOSITIF D'EOLIENNE OFFSHORE AVEC FLOTTEUR SEMI-SUBMERSIBLE PARTICULIER
CN102425530 A 20120425	ES20090031266 20091224	F03D3/00	CROSAS CAPDEVILA RAMON [ES]	DISPOSITIVO AEROGENERADOR VERTICAL.
CN102425661 A 20120425	CN20092177605U 20090910	F03D11/00	SUZHOU RED MAPLE WIND BLADE MOULD CO LTD [CN]	DISPOSITIVO PARA AJUSTAMENTO LATERAL DE MOLDE PARA PÁ DE TURBINA EÓLICA
CN102425705 A 20120425	ES20100000733 20100521	B60L8/00; F03D9/02	DIAZ-ARAQUE ESTUDILLO FRANCISCO [ES]	DISPOSITIVO PARA GENERAR ENERGIA ELECTRICA A VEHICULOS DE TRACCION.
CN102427321 A 20120425	ES20100030035 20100115	F03D1/00; F01D25/28; F03D1/06; F16M11/06	MATIS HISPANIA S A [ES]	DISPOSITIVO VOLTEADOR PARA ROTORES DE AEROGENERADOR
CN102434384 A 20120502	ES20090001983 20091009	F03D11/00; F01M11/04	GAMESA INNOVATION & TECH SL [ES]	DISPOSITIVO Y METODO DE LLENADO DEL DEPOSITO DE LUBRICACION DE UN AEROGENERADOR.
CN102434385 A 20120502	KR20100067455 20100713	F03D11/00; F03D7/00;	KIM JEA KU [KR]	DOMESTIC GENERATOR SYSTEM

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		F03D9/00; F03D11/02		
CN102434386 A 20120502	CN20102644483U 20101201; CN20112321868U 20110824	F03G6/06; F03D1/06; F03D9/00	CHUCHU MAO	Domical array solar heat power and wind power system
CN102434387 A 20120502	DE201010043436 20101104	F16P3/08; F03D11/00	WOBLEN ALOYS [DE]; GEIKEN PETER [DE]	DOOR LOCK
CN102434388 A 20120502	US20100969976 20101216	E04H12/00; E06B1/04; F03D11/00	GEN ELECTRIC [US]	DOORWAY FOR A WIND TURBINE TOWER
CN102434389 A 20120502	DE201020014685U 20101027	B60R15/04; F03D5/00	EVAC GMBH [DE]	Doppel - Toilettenanordnung
CN102434390 A 20120502	DE201220000497U 20120119	F03D1/02; F03D3/02	ESCHLBECK FRIEDRICH [DE]	Doppeltes Windkraftrad
CN102434391 A 20120502	EP20100192046 20101122	F16C19/38; F03D11/00; F16C19/52; F16C33/60; F16C33/76	SIEMENS AG [DE]; SOERENSEN STEFFEN [DK]	DOUBLE ROW BEARING ASSEMBLY
CN102434392 A 20120502	EP20100192048 20101122; WO2011EP62058 20110714	F16C19/38; F03D11/00; F16C33/60	SIEMENS AG [DE]	DOUBLE ROW TAPERED BEARING ASSEMBLY AND WIND TURBINE
CN102434393 A 20120502	CN20112274844U 20110729	F16L3/223; F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Double-acting self-locking cable lifting device for wind generator unit
CN102434394 A 20120502	CN20101212528 20100629	F03D9/00; F03D3/00; F03D3/06; H02N6/00	Sun Shanjun	Double-acting wind-light hybrid power generation device
CN102434395 A 20120502	CN20112339474U 20110909	H02K57/00; F03D9/00	ZHONGYI GUO; LI SHIXIAO	Double-magnetic-suspension array type power generation structure

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CN102434396 A 20120502	CN20112178878U 20110531	F03D11/00; H02K1/28; H02K16/00	Xinda Heavy Industry Co.,Ltd.	Double-motor direct driving wind driven generator
CN102434397 A 20120502	CN20111292228 20110930	F03D9/00; F03D1/02; H02K16/00	Wuhan Zhenxing Tiandi Electromechanical Co., Ltd.	Double-paddle wind driven generator
CN102434398 A 20120502	CN20112091586U 20110326	F24J2/04; F03D9/00; F03G7/00; F24J2/46	ZHENGGAO ZHOU	Double-row stainless steel high-efficiency new energy solar power-generating water heater
CN102434399 A 20120502	CN20112243185U 20110701	F03D1/06; F03D1/02	Jin Ping	Double-set blade-switching high-power wind power station
CN102434400 A 20120502	CN20111305300 20111011	F03D9/00; F03D3/06	SHENYANG AEROSPACE UNIVERSITY	Double-shaft lift-drag combination wind power generation system
CN102434401 A 20120502	CN20112383950U 20111011	F03D9/00; F03D3/06	SHENYANG AEROSPACE UNIVERSITY	Double-shaft lift-drag combined type wind power generation device
CN102434402 A 20120502	CN20121002944 20120106	F03D3/06; F03D9/00; F24F7/08	Wu Xiyuan	Double-vane wind driven generator
CN102434404 A 20120502	KR20100091384 20100917	F03D9/00; F03D1/04	PARK SUNG EUN [KR]	DOWNDRAFT INDUCTION METHOD AND ITS APPARATUS
CN102434405 A 20120502	KR20100085747 20100901	F03D9/00; F03D1/02; F03D1/04	PARK SUNG EUN [KR]	DOWNWARD AIR FLOW INDUCTION METHOD AND APPARATUS
CN102434406 A 20120502	CN20102266710U 20100715	F03D9/00; F03D1/00; F03D1/06	Zhang Yuekuan;Zhang Huili;Zhang Xinli;Zhang Hongli	Downwind type wind driven generator with cut-grating wind plate simultaneously used as tail rudder and with torsion spring used for providing power
CN102434407 A 20120502	JP20100198443 20100906	F03D11/00; F03D1/00; F03D9/00	HITACHI LTD [JP]; FUJI HEAVY IND LTD [JP]	DOWNWIND TYPE WIND TURBINE
CN102434408 A 20120502	JP20100168612 20100708	F03D3/06	IKEDA TAKESHI	DRAG TYPE ENERGY CONVERSION DEVICE

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CN102434787 A 20120502	JP20100254620 20101115; JP20110242109 20111104	F03D3/04	UNIV TOYAMA; HAMASHITA HIROSHI	DRAG TYPE WINDMILL AND WIND POWER GENERATION APPARATUS
CN102434973 A 20120502	KR20110123144 20111123	F03D11/00; F03D3/06		DRAG-TYPE WIND TURBINE BLADES FOR WIND-DRIVEN ELECTRICITY GENERATORS AND WIND-DRIVEN ELECTRICITY GENERATORS USING DRAG-TYPE WIND TURBINE BLADES
CN102437602 A 20120502	JP20100268829 20101201	F03D3/06; F03D11/02	MARUYOSHI SHOKAI CO LTD [JP]	DRAG-TYPE WIND TURBINE FOR WIND-DRIVEN ELECTRICITY GENERATORS AND WIND-DRIVEN ELECTRICITY GENERATORS USING DRAG-TYPE WIND TURBINE
CN102439250 A 20120502	CN20111364319 20111116	F03D7/00	SANY ELECTRIC CO LTD [CN]	Draught fan detection and diagnosis system
CN102439289 A 20120502	DE201120107617U 20111101	F03D11/00; F03D9/00	EUEN JUERGEN [DE]	Drehbares Solarsegel
CN102439299 A 20120502	DE201010041508 20100928	F03D7/02; F03D7/00	REPOWER SYSTEMS SE [DE]	Drehzahlanpassung einer Windenergieanlage
CN102442730 A 20120509	DE20031047718 20031014	F03D7/02	REPOWER SYSTEMS AG [DE]	DREHZAHLREGELUNG IN EINER WINDENERGIEANLAGE MIT ZWEI N?HERUNGSSSENSOREN F?R DIE DREHZAHLMESSUNG
CN102444540 A 20120509	DE201220001329U 20120209	F03D3/06; F03D1/06; F03D7/00	FLOERCHINGER HUBERT [DE]	Drehzahlregulierende Wind ³ berlastsicherung gegen Starkwinde an einem Rotor.
CN102444541 A 20120509	CN20111317519 20111019	F03D11/00	Beijing Technology and Business University	Drilling wheel hub and manufacturing method thereof
CN102444546 A 20120509	CN20112160497U 20110511	H02N6/00; F03D9/00; H02J7/00	Bai Liming	Drinking water processor of power generation and supply by solar energy and wind energy
CN102444548 A 20120509	GB20100015354 20100915	F03D3/00; F03B17/06;	COULSON DAVID FRANCIS [GB]	DRIVE APPARATUS FOR ELECTRICITY GENERATING APPARATUS

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		F03D3/06		
CN102444549 A 20120509	DE200910013311 20090318; WO2009EP03403 20090513	F03D7/00	VILBRANDT REINHARD [DE]; LAERITZ CHRISTIAN [DE]; WILLAUSCHUS OLAF [DE]	DRIVE DEVICE FOR A WIND TURBINE
CN102444550 A 20120509	WO2010EP50987 20100128; NO20090000433 20090128	F03D11/02	Fobox AS	Drive device for a wind turbine
CN102444551 A 20120509	WO2010US26251 20100304; US20090398410 20090305; US20090464808 20090512	F03D11/00; F03B13/00; F03D1/02; F03D11/02	MICU TARFIN [US]	DRIVE SYSTEM FOR USE WITH FLOWING FLUIDS
CN102444684 A 20120509	KR20100113228 20101115	F03D11/00; F03D11/02	HYUNDAI ROTEM CO [KR]	DRIVE TRAIN FOR WIND TURBINE
CN102444695 A 20120509	US201113232561 20110914	F03D11/02	GEN ELECTRIC [US]	DRIVETRAIN AND METHOD FOR LUBRICATING BEARING IN WIND TURBINE
CN102445955 A 20120509	US20100957770 20101201	F03D11/02; F16H1/48	GEN ELECTRIC [US]	Drivetrain for generator in wind turbine
CN102447264 A 20120509	CN20112353956U 20110921	F03D9/00; B60L8/00; B62J6/06; F03G5/02; H02K1/27; H02K1/28	Cai Shihao	Driving and wind power generation device on bicycle
CN102447328 A 20120509	CN20112317137U 20110826	F03D11/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Driving device for locking main shaft and wind generator
CN102447368 A 20120509	CN20112285458U 20110808	B63H21/17; B60L8/00;	XINGHUA BAI	Driving device for warship

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		F03D9/00		
CN102449300 A 20120509	KR20110123475 20111124	F01D15/10; F02C1/02; F03D5/00	AGENCY DEFENSE DEV [KR]	DUAL GENERATION TYPE MICRO TURBINE GENERATOR
CN102452727 A 20120516	US201113333633 20111221	F03D9/02; F03D9/00	EARTH SURE RENEWABLE ENERGY CORP [US]	DUAL USE FAN ASSEMBLY FOR HVAC SYSTEMS AND AUTOMOTIVE SYSTEMS TO GENERATE CLEAN ALTERNATIVE ELECTRIC ENERGY
CN102454536 A 20120516	US20100363957P 20100713	F03D3/02	TWINERGY ENERGY SYSTEMS LTD [IL]; COHEN MORDECHAI [IL]	DUAL VERTICAL WIND TURBINE
CN102454537 A 20120516	CN20112259754U 20110721	H02K16/00; F03D9/00	XIONGFEI PAN	Dual-drive power generator and dual-drive wind power generator
CN102454541 A 20120516	CN20111359344 20111114	F03D9/00; F03D3/04; F03D3/06; F03D11/00	Zheng Xiaoling	Dual-efficiency power generation device
CN102454542 A 20120516	CN20112301112U 20110818	F03D9/00; F03D1/06; F03D11/00	Jiang Chuming	Duct type wind turbine generator set
CN102454543 A 20120516	WO2010CN02067 20101217	F03D3/06	GREAT PROMISE INTERNAT LTD [CN]; CHAU KINWANG [CN]	DUCT-TYPE WIND GENERATOR
CN102454545 A 20120516	DE201010062819 20101210	F03D11/00	REPOWER SYSTEMS SE [DE]	Durchführung für Blitzschutzkabel
CN102454547 A 20120516	US20100962218 20101207	H02P9/04	VESTAS WIND SYS AS [DK]	DYNAMIC ADJUSTMENT OF POWER PLANT OUTPUT BASED ON ELECTRICAL GRID CHARACTERISTICS

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN102454549 A 20120516	US20100921791 20100723; US20090241694P 20090911; WO2010US43000 20100723	F03D3/06; F03D5/00; F03D7/06	JUST THE 4 OF US LLC [US]	DYNAMIC CROSS-SECTION FLUID ENERGY CAPTURE
CN102454550 A 20120516	US20100389557P 20101004	H02J3/38; F03D7/04; H02J7/35	COOPER TECHNOLOGIES CO [US]; ROGNLI ROGER W [US]	DYNAMIC THERMOSTATIC CONTROL OF SMALL-SCALE ELECTRICAL LOADS FOR MATCHING VARIATIONS IN ELECTRIC UTILITY SUPPLY
CN102454551 A 20120516	CN20112232878U 20110628	F24H1/20; F03D9/00	Chen Xianjie	Dynamic wind energy water heater
CN102454552 A 20120516	DE201010063262 20101216	H02K3/12; F03D11/00	SIEMENS AG [DE]	Dynamo-electric machine e.g. wind power generator has insulation section overlap portion provided at bottom of groove in laminated core of stator, in a state facing side of conductor of coils
CN102454553 A 20120516	CN20112208230U 20110620	F03D3/00; F03D3/06; F03D9/00	HAIPING LIU	Eccentric ring wind power mechanism
CN102454554 A 20120516	CN20112094896U 20110326	F24J2/24; F03D9/00; F24J2/00	ZHENGGAO ZHOU	Efficient double-row enamel solar power generation water heater adopting new energies
CN102454555 A 20120516	US201113091124 20110421	F03D9/00	JOHN HANBACK [US]	Efficient energy conversion devices and methods
CN102454564 A 20120516	CN20111362924 20111116	F03D7/04; F03D1/06	TIANJIN JUNLIAN TECHNOLOGY CO LTD	Efficient intelligent optional wind direction generator
CN102457069 A 20120516	WO2009US67535 20091210; US20080332313 20081210; US20080121412P 20081210	F03D9/00	SQUARED WIND INC V [US]	Efficient systems and methods for construction and operation of accelerating machines

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CN102459846 A 20120516	WO2009US66875 20091204; US20080120338P 20081205; US20090220187P 20090624; US20090271179P 20090717	F03D3/06	MODULAR WIND ENERGY INC [US]	Efficient wind turbine blades, wind turbine blade structures, and associated systems and methods of manufacture, assembly and use
CN102464094 A 20120523	CN20112245621U 20110713	F03D1/06; F03D1/04	GUANGDONG TIANFU ELECTRICAL GROUP CO LTD	Efficient wind-driven generator
CN102464273 A 20120523	CN20112369985U 20111008	F03D3/00; F03D7/06; F03D11/02	Li Lixian	Efficient, energy-saving and automatic auxiliary wind-energy machine
CN102464342 A 20120523	DE201010045915 20100921; DE201110109225 20110803	F03D3/06	STEEL DENNIS PATRICK [DE]	Einzelturbine für Wind- und/oder Wasserkraft, mit optimierter Flügelform
CN102464343 A 20120523	IT2009FI00185 20090811; WO2010IT00348 20100802	F03D9/00	TEGLIA GIOVANNI [IT]	ELECTRIC ALTERNATOR FOR WIND POWER GENERATORS
CN102464344 A 20120523	CN20111265222 20110908	F03D7/00	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Electric blade-changing system of wind generating set
CN102465817 A 20120523	DE201010017222 20100602	H02K5/18; F03D1/06; F03D7/02; H02K5/10; H02K5/20; H02K9/02	SSB WIND SYSTEMS GMBH & CO KG [DE]	Electric driving device

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CN102465825 A 20120523	ES20100031248 20100811	F03D9/00; H02K15/00; H02K21/12	ACCIONA WINDPOWER S A [ES]	ELECTRIC GENERATOR AND PROCESS FOR ASSEMBLING A WIND TURBINE EQUIPPED WITH SAID GENERATOR
CN102465831 A 20120523	GB20100015858 20100921	H02K7/116; F03D9/00; F03D11/02; F16H3/72; H02K7/18	NEXXTDRIVE LTD [GB]	Electric generator apparatus for a fluid turbine arrangement
CN102465832 A 20120523	CN20112392689U 20111014	H02J4/00; F03D7/00; F03D9/00; H02J3/28; H02J9/06	Beiqi Foton Motor Co., Ltd.	Electric network system
CN102465833 A 20120523	CN20112336110U 20110908	F03D7/00	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Electric pitch control system of wind power generator set
CN102465837 A 20120523	CN20101275717 20100908	F03B13/00; F03B1/02; F03D1/06; F03D9/00	LIU XUDONG [CN]; LIU GENG [CN]	ELECTRIC POWER GENERATING DEVICE UTILIZING WIND AND RAINWATER ENERGY
CN102465838 A 20120523	JP20100189159 20100826	F03D9/00	SUMITOMO ELECTRIC INDUSTRIES [JP]	ELECTRIC POWER GENERATION SYSTEM
CN102465839 A 20120523	JP20090238618 20091015; WO2010JP65745 20100913	F03D9/00; F03D9/02; H05B6/02	SUMITOMO ELECTRIC INDUSTRIES [JP]	ELECTRIC POWER GENERATION SYSTEM.
CN102465840 A 20120523	US20100901530 20101010	F03D9/00; H02K5/167	HK APPLIED SCIENCE & TECH RES [HK]	ELECTRIC POWER GENERATOR WITH FERROFLUID BEARINGS
CN102465841 A 20120523	CN20101229215 20100719	B60L8/00; B60K16/00; F03D3/04; F03D3/06; F03D9/00	Zhao Youyi	Electric vehicle making use of solar and wind energy

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CN102465842 A 20120523	JP20100171115 20100712	F03D9/00; B60K1/04	KUMAGAWA YOICHI	ELECTRIC VEHICLE MOUNTED WITH VEHICULAR WIND POWER GENERATOR
CN102465844 A 20120523	IT2011RM00350 20110705; IT2010RM00471 20100907	F03D3/04	CUNICO MICHELE [IT]	ELECTRIC VEHICLE PROVIDED WITH A WIND TURBINE AND PHOTOVOLTAIC PANELS
CN102465845 A 20120523	DE201010060912 20101130	F03D1/06; F03D11/00; H02B1/30	SSB WIND SYSTEMS GMBH & CO KG [DE]; BERTOLOTTI FABIO [DE]; BROD FRANK [DE]	ELECTRICAL ENCLOSURE OF A WIND TURBINE, AND METHOD FOR PRODUCING SUCH AN ELECTRICAL ENCLOSURE
CN102465846 A 20120523	WO2010EP02407 20100420; AT20090000604 20090420	H02J3/01; F03D9/00; F03D9/02; F03D11/02; H02J3/18	HEHENBERGER GERALD [AT]	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
CN102466011 A 20120523	AT20090000605 20090420; WO2010EP02408 20100420	F03D9/02	HEHENBERGER GERALD [AT]	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
CN102466331 A 20120523	AU20110901476 20110420; AU20100903821 20100825	F03D11/02; B64C31/06; F03D9/00; F03D11/04	WONGALEA HOLDINGS PTY LTD [AU]; ROBERTS BRYAN WILLIAM [AU]	ELECTRICAL GENERATING ROTORCRAFT
CN102471039 A 20120523	US20100836733 20100715	F03D9/02	JUNG SUKHO [KR]	ELECTRICAL GENERATOR
CN102472245 A 20120523	US20100885033 20100917	F03D11/02; F03D9/00; H02K7/116; H02K23/60	VESTAS WIND SYS AS [DK]	ELECTRICAL MACHINES, WIND TURBINES, AND METHODS FOR OPERATING AN ELECTRICAL MACHINE
CN102472246 A 20120523	US20090586714 20090928	F03D9/00; H02P9/04	CRISTO CONSTANTINE GUS [US]	Electrical power generating arrangement

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CN102472251 A 20120523	WO2010FR00542 20100727	H05B37/00; F03D9/02; H05B33/08	ECONOMIES EN ECLAIRAGE SOC ET [FR]	ELECTRICAL PROCESS FOR SUPPLYING A NETWORK OF LOADS WITH DIRECT CURRENT USING RENEWABLE ENERGY AND/OR THE 50 HZ ELECTRICAL NETWORK
CN102472252 A 20120523	US20090586243 20091020	F03D9/00; H02P9/04	MANNING ANTHONY [US]	Electricity generation from forced air flow
CN102472676 A 20120523	WO2010ES00300 20100713	F03D9/00	TORRES MARTINEZ M [ES]	ELECTRICITY PRODUCTION SYSTEM
CN102474089 A 20120523	TW20100119718 20100617	F03D9/00; F03D1/00	NAT UNIV CHIN YI TECHNOLOGY [TW]	Electricity supply device of wind-power electricity generator
CN102477812 A 20120530	ES20120000285U 20120306	F03D1/04	ORTEGA CASASNOVAS JULIO [ES]	Electrogenerador termoe³lico
CN102477937 A 20120530	WO2010US33054 20100429; US20090214852P 20090429; US20090247481P 20090930; US20100303302P 20100210	F03D1/00	ACCIO ENERGY INC [US]	ELECTRO-HYDRODYNAMIC WIND ENERGY SYSTEMS AND METHODS

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CN102477938 A 20120530	US201113316395 20111209; US20100806633 20100816; US20100707651 20100217; WO2010US24497 20100217; US20100707653 20100217; US20100707656 20100217; WO2010US24499 20100217; WO2010US24498 20100217; US20100304403P 20100213; US20090153253P 20090217; US20	C25B9/00; C25B15/08; G01N27/26	MCALISTER TECHNOLOGIES LLC [US]	ELECTROLYTIC CELL AND METHOD OF USE THEREOF
CN102477939 A 20120530	CN20111240818 20110822	F03D7/00; F16D65/18	XU JIANXIONG [CN]	Electromagnetic brake device for wind power generator
CN102477940 A 20120530	CN20112306693U 20110822	F03D7/00	JIANXIONG XU	Electromagnetic brake device of wind power generator
CN102477941 A 20120530	KR20110116597 20111109; KR20100112699 20101112; KR20100111425 20101110	H05K9/00; F03D11/00	KOREA MACH & MATERIALS INST [KR]; KIM JIN BONG [KR]; KIM BYUNG SUN [KR]; BYUN JOON HYUNG [KR]; HWANG BYUNG SUN [KR]; UM MOON KWANG [KR]; PARK JI SANG [KR]	ELECTROMAGNETIC WAVE ABSORBER USING A DIELECTRIC LOSS SHEET, METHOD FOR FORMING THE ELECTROMAGNETIC WAVE ABSORBER, AND ROTARY BLADE FOR A WIND TURBINE HAVING AN ELECTROMAGNETIC WAVE FUNCTION USING SAME

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CN102477942 A 20120530	DE201010040366 20100907	H01F38/18	RC DIRECT UG [DE]; WEHRLE ANDREAS [DE]	ELECTROMECHANICAL COUPLER FOR A WIND TURBINE
CN102477943 A 20120530	ES20100001185 20100914	F03D11/00	GAMESA INNOVATION & TECH SL [ES]	Electronic module and method used for fitting a light beacon on the blade tip
CN102477944 A 20120530	CN20112298360U 20110817	F03D9/00	HANDAN POWER SUPPLY CO LTD	Electronic mutual inductor
CN102477945 A 20120530	CN20112383697U 20111011	F03D7/04	Zhang Yongtai	Electronic speed control circuit of small wind-driven generator
CN102477946 A 20120530	DE201010040359 20100907	H02K16/02; F03D3/02; F03D3/06	SOMMER EVELIN [DE]	Elektrischer Generator und Rotorblattanordnung
CN102477947 A 20120530	DE201010045921 20100921	H01R24/00; F03D11/00; H01R13/22	AUTO KABEL MAN GMBH [DE]	Elektrisches Verbindungssystem einer Energiegewinnungseinrichtung
CN102477948 A 20120530	GB20080001936 20080201; WO2009GB00307 20090202	F03D9/00	ISIS INNOVATION [GB]	ELEKTRIZIT?T SERZEUGER
CN102477949 A 20120530	DE20032017749U 20031118	F03D7/02; F15B11/024	HAWE HYDRAULIK SE [DE]	Elektrohydraulisk regenerativ styreindretning til rotorbladjustering af et vindkraftanl?g
CN102477950 A 20120530	ES20100000042 20100114	F03D11/04; B66C1/66; F03D1/06	GAMESA INNOVATION & TECH SL [ES]	ELEMENTO PARA IZADO DE PALA Y METODO SEGUIDO.
CN102477951 A 20120530	ES20100000330 20100312	F03D11/04; B66C1/66; F03D1/06	GAMESA INNOVATION & TECH SL [ES]	ELEMENTO PARA IZADO DE PALA.
CN102477952 A 20120530	WO2010ES00423 20101018	B66B9/187; B66B5/24; B66B9/02; F03D1/00	OMEGA ELEVATOR S A [ES]; AZURMENDI INCHAUSTI JUAN JOSE [ES]	ELEVATOR FOR WIND TOWERS AND SIMILAR
CN102477953 A 20120530	CN20112224779U 20110629	B66B11/04; F03D7/00; F03D9/02;	Zhuhai Yintong Energy Co., Ltd.	Elevator system

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		H02J7/00; H02J9/06		
CN102477954 A 20120530	CN20111399131 20111206	F03D9/00; H02J3/38; H02J7/32; H02N6/00	Shanxi Shenghua Energy Technology Co.,Ltd.	Embedded-type automatic linkage tracking solar power and wind power hybrid power station
CN102477955 A 20120530	WO2010EP02775 20100506; DE200910029884 20090623	H02P25/16; F03D7/02; F03D11/00	BOSCH GMBH ROBERT [DE]	EMERGENCY ADJUSTING DEVICE FOR BLADE ADJUSTING SYSTEMS OF WIND POWER PLANTS
CN102477956 A 20120530	US20100902506 20101012	F03D7/00	CLIPPER WINDPOWER INC [US]	EMERGENCY FEATHER RATE LIMIT WITH PROPORTIONALITY TO OPERATING PITCH ANGLE AND ENERGY STORAGE VOLTAGE
CN102477957 A 20120530	CN20112268323U 20110727	F03D7/00	GUODIAN UNITED POWER TECH CO	Emergency feathering triggering system of variable-pitch wind turbine
CN102477958 A 20120530	DE200910025747 20090505	H02J9/06; F03D7/02	SSB WIND SYSTEMS GMBH & AMP CO KG [DE]	EMERGENCY POWER SUPPLY DEVICE
CN102477959 A 20120530	ES20080003317P 20081114	F03D11/00; G01M99/00	UNIV DE VALLADOLID MIGUEL SAN JOSE [ES]; UNIV VALLADOLID	EMULADOR DE TURBINA EOLICA.
CN102477960 A 20120530	CN20112261699U 20110722	F03D11/00	DENG YUNHE [CN]	End cap structure on vertical wind driven generator
CN102477961 A 20120530	US20080055643P 20080523; WO2008EP64774 20081031	F03D1/00; F03D11/00; F03D11/04	SIEMENS AG [DE]	Endespidholder
CN102477966 A 20120530	JP20030339304 20030930; WO2004JP14157 20040928	F03D11/04; F03D9/00; F03D11/00; F03D11/02; F16C19/38; F16C33/58;	MITSUBISHI HEAVY IND LTD [JP]	ENERGIE ERZEUGENDE WINDKRAFTANLAGE MIT EINEM KONISCHEN DOPPEL-WALZENLAGER

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		F16C35/067; F16H1/28		
CN102478273 A 20120530	US20100363060P 20100709; US20100843670 20100726	G05B13/04; F03D9/02; G05B17/02; G06F17/11; H02J3/00; H02J3/38	EMERSON PROCESS MANAGEMENT [US]	Energieverwaltungssystem
CN102483037 A 20120530	WO2009IT00464 20091013	F03D3/06; F03B17/06	BOLELLI ROBERTO	Energy conversion assembly
CN102483038 A 20120530	HU20090000398 20090624; WO2010HU00069 20100616	F03B17/06; F03D5/00; F03D5/06	KOKAI DENES [HU]	ENERGY CONVERSION DEVICE
CN102483040 A 20120530	US20100414242P 20101116	F03B5/00; F03D5/00	TECHNION RES & DEV FOUNDATION [IL]; GREENBLATT DAVID [IL]	ENERGY CONVERSION FROM FLUID FLOW
CN102483042 A 20120530	ES20100001300 20100930	B60K16/00; B60L8/00; F03D9/02; F03D11/02	ORIVE PALACIOS ALEJANDRO [ES]	ENERGY CONVERSION PIPE FOR VEHICLES
CN102483043 A 20120530	DE201010054358 20101213	F03D11/04; F03B17/00; F03D9/00	BOSCH GMBH ROBERT [DE]	Energy converting station for use in water, has building structure, particularly frame, and wind energy converting module, which is held on building structure
CN102483044 A 20120530	US20100872821 20100831	F03D9/00	LYNN KUO-YUAN [TW]	Energy Converting System
CN102483439 A 20120530	WO2010EP02406 20100420; AT20090000606 20090420	H02J3/18; F03D9/00	HEHENBERGER GERALD [AT]	ENERGY GENERATING INSTALLATION, ESPECIALLY WIND POWER INSTALLATION

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CN102485526 A 20120606	WO2009EP03636 20090522; DE200810024191 20080522	F03D1/02; F03D1/04	POPPE HERMANN RICH [DE]	ENERGY GENERATION DEVICE COMPRISING ROTORS
CN102486155 A 20120606	KR20100064175 20100705	F03B17/06; F03B13/00; F03D5/00; F03G7/08	CHOI SUNG SU [KR]	ENERGY GENERATION DEVICE UTILIZING FLUID PRESSURE
CN102486156 A 20120606	AT20090000805 20090525; WO2010AT00182 20100525	F03D11/02	HEENBERGER GERALD [AT]	ENERGY GENERATION PLANT, IN PARTICULAR WIND POWER PLANT
CN102486157 A 20120606	US20100422228P 20101213	H02N2/18; F03D5/06	MINDEL SHY [IL]; HASSAN ANAN [IL]; ENGEL DAVID [IL]	ENERGY HARVESTING SYSTEM
CN102486158 A 20120606	KR20100070721 20100722	F03D9/00; F03B13/00; F24J2/02	KO YEONG HO [KR]	Energy House
CN102486159 A 20120606	US201113200056 20110915; US20100403397P 20100915	F03D1/04	DELUCA JR ROBERT A [US]	Energy producing wind turbine for laboratory exhaust systems
CN102486160 A 20120606	US20100909123 20101021	F03D9/00; H02P9/04	DA CUNHA ANTONIO PEDRO CAMPOS RUAO [PT]	Energy production device from an omnidirectional Bi-axial flow
CN102486161 A 20120606	IT2010MI02140 20101119	F03D9/00	NEW RENOVABLE ENERGY SRL [IT]; GIANI ALDO [IT]; SPINA MARCO ANTONIO [IT]; STAMERRA FERNANDO [IT]	ENERGY PRODUCTION PLANT OPTIMIZED TO BE SUPPLIED BY MORE THAN ONE SOURCE OF ENERGY
CN102486220 A 20120606	AT20090000489 20090326; WO2010AT00086 20100325	F03D11/02	HEHENBERGER GERALD [AT]	ENERGY PRODUCTION PLANT, IN PARTICULAR WIND POWER STATION

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CN102490876 A 20120613	AT20090000490 20090326; WO2010AT00088 20100325	F03D11/02	HEHENBERGER GERALD [AT]	ENERGY PRODUCTION PLANT, IN PARTICULAR WIND POWER STATION
CN102491162 A 20120613	FR20100056807 20100827	F03D5/06; B64D41/00; F03B17/00	SNECMA [FR]	Energy recovery device for producing electrical energy to e.g. electrical circuit in aircraft, has wing supporting unit connected to energy transformation unit, and profiled wing placed along flow of fluid
CN102493914 A 20120613	US201113237633 20110920; US201113193267 20110728; US20090388457 20090218; US20080066445P 20080219; US20100403662P 20100920	F03D9/00	GILBERT JEFFREY RYAN [US]	ENERGY RECOVERY SYSTEM FOR EXHAUST ENERGY CAPTURE AND ELECTRICAL GENERATION WITH GENERATOR BUILT INTO FAN
CN102493915 A 20120613	CN20101282742 20100914	E04H3/00; E04G23/02; E04H9/16; F03D9/00; F03G7/04; F24F5/00; F24F7/04; F24F7/06	JIE MENG	Energy saving and construction method for wholly partitioning architectural complex and related system for energy saving and construction method
CN102493916 A 20120613	CN20111334437 20111029	F03D9/02; F03B3/00; F03B13/00; F03D3/00; F03D3/02; F03D11/00; H02K7/18	YUNHE DENG	Energy storage generating system and method for vertical axis wind turbine

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CN102493917 A 20120613	CN20112343373U 20110914	F03D9/02; E02B9/00; E02B9/08; E04H5/02; F03B13/00; F03B13/14; F03B13/26; F03G6/06	Zhou Dengrong;Zhou Jian	Energy storage power generation system adopting natural energy sources
CN102493918 A 20120613	CN20112277681U 20110727	F03D9/02; F03D7/00; F03D11/02	Gao Zexing	Energy storage unit and energy storage system
CN102493919 A 20120613	CN20111444819 20111228	F03D9/02; F03D11/04	XIAOMING SHI	Energy storage wind driven power generation device
CN102493920 A 20120613	CN20111334441 20111029	F03D9/02; F03B3/00; F03B13/00; F03D3/00; F03D3/02; F03D11/00; H02K7/18	DENG YUNHE [CN]	Energy storing and generating system of vertical shaft wind-driven generator and method thereof
CN102493921 A 20120613	CN20111215445 20110729	F03D9/02; F01B23/10; F28D20/00	Zhou Tianqing	Energy storing and releasing wind-driven generation system with air as medium

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CN102493922 A 20120613	US20100707651 20100217; US20100707653 20100217; US20100707656 20100217; US20090237476P 20090827; US20100304403P 20100213; US20100024497 20100217; US20100024498 20100217; US20100024499 20100217	F03G7/04; F22B33/18; F24H8/00	MCALISTER TECHNOLOGIES LLC [US]	ENERGY SYSTEM FOR DWELLING SUPPORT

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CN102493923 A 20120613	US20100707653 20100217; WO2010US24499 20100217; US20100707656 20100217; WO2010US24497 20100217; US20090237476P 20090827; US20100707651 20100217; US20100304403P 20100213; WO2010US24498 20100217; WO2010US45664 20100816	F03G7/04; F22B33/18; F24H8/00	MCALISTER TECHNOLOGIES LLC [US]	Energy system for dwelling support
CN102493924 A 20120613	CN20112027045U 20110117	F03D9/00; F03B3/00; F03B13/00; F03D3/00; F03D3/04	Yan Xinhua	Energy-collecting fluid power machine
CN102493925 A 20120613	CN20112096715U 20110329	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Dalian University of Technology	Energy-gathering recovery-type wind-driven generator
CN102493926 A 20120613	CN20112315825U 20110826	E04H1/12; E04D13/18; F03D9/00; F21S9/03; F21S9/04	Shenzhen Polytechnic	Energy-saving environment-friendly pavilion device

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CN102493927 A 20120613	CN20102691247U 20101227	F21S9/03; F03D9/00; F21S9/04; H02N6/00	Liu Shangkun	Energy-saving street lamp
CN102494430 A 20120613	CN20112000002U 20110101	F03D11/00; H05K5/02	STATE GRID ELECTRIC POWER RES	Engine room control cabinet for direct drive wind turbine generator system
CN102495637 A 20120613	WO2010EP00368 20100121; GB20090002268 20090211; US20090161668P 20090211	F03D1/06	VESTAS WIND SYS AS [DK]	Enhancing stiffness of wind turbine blades
CN102496958 A 20120613	CN20101216710 20100705	B60L8/00; F03D3/00; F03D9/00; F03D11/00	Tang Xiaolan	Environmental-friendly wind energy power conversion machine
CN102496959 A 20120613	CN20112305671U 20110812	F03D9/00; F03D3/00	TONGYUE JIANG	Environment-friendly and energy-saving hydraulic generator
CN102498991 A 20120620	CN20112364034U 20110921	F24F1/00; F03D9/00; H02J7/00	Wang Kangping	Environment-friendly energy-saving air conditioner
CN102501479 A 20120620	WO2010KR06244 20100914	E04H1/02; E04B1/70; F03D9/00; F24F7/02; F24F13/10; F24J2/00; F24J3/08	GU JA-SUN [KR]	ENVIRONMENT-FRIENDLY WELL-BEING HOUSE
CN102506009 A 20120620	WO2010IB50804 20100224; IT2009RM00254 20090519	F03D3/06	DEALER TECNO SRL [IT]	EOLIC GENERATOR

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CN102506010 A 20120620	FR20100057061 20100906	F03D11/04; F03D1/00; F03D7/04	MECAZOIL [FR]	EOLIENNE A REGULATION D'ALTITUDE SELON LES FORCES AERODYNAMIQUES.
CN102506011 A 20120620	CN20101249614 20100731	F03D9/00; F03D3/02; F03D3/04	Zhang Zeqiang	Equipment and method for creating three-dimensional air nuclear phase array wind power generation
CN102506012 A 20120620	CN20111173288 20110625	C25B1/34; C01B7/01; F03D9/00	Yang Yifang	Equipment for producing hydrochloric acid and caustic soda by using wind energy
CN102506013 A 20120620	CN20111398078 20111205	F03D9/00; F03D3/06; F03D11/00	ZHIYUAN TANG	Equipment for semispherical horizontally rotary wind power generating system
CN102506014 A 20120620	ES20090002312 20091211	F03D11/00; F03D11/04	GRUPO DE INGENIERIA OCEANICA S L [ES]	EQUIPO Y PROCEDIMIENTO DE INSTALACION DE LA TERCERA PALA DE UN AEROGENERADOR
CN102506015 A 20120620	KR20100077107 20100809	F03D3/06; F03D11/00	KIM KI CHEER [KR]; KIM HONG SU [KR]	EQUIPPED WITH VERTICAL AXIS WINDMILL WING PRESS
CN102506016 A 20120620	DE201220002686U 20120315	F03D1/02; F03D3/02; F03D9/00; F03D11/04	TESCHE DIRK [DE]	Ergänzende und nachr ³ stbare Windkraftanlagenenerweiterung mit Vertikalrotoren in Verbindung zu bestehenden oder neuen Windkraftanlagen
CN102506017 A 20120620	CN20112198046U 20110610	G10H3/14; F03D9/00; G10H7/00	WUXI FRISKY TECHNOLOGY CO LTD	Erhu with wind-driven generating system and function of supplying power to music sensor
CN102506064 A 20120620	US20100952552 20101123	F01D5/28; B64C27/46; C23C28/04	GEN ELECTRIC [US]	EROSION PROTECTION COATING FOR ROTOR BLADE OF WIND TURBINE
CN102506129 A 20120620	US20080063132P 20080130; WO20091B00118 20090123	F03D1/06; F03D7/02; F03D11/00	CLIPPER WINDPOWER INC [US]; CLIPPER WINDPOWER LLC [US]	ESTRUCTURA DE PALA RETRACTIL CON UN REBORDE DE SALIDA DIVIDIDO.
CN102506451 A 20120620	ES20090002314 20091211	E04H12/34; B66F3/24; F03D11/04	GRUPO DE INGENIERIA OCEANICA S L [ES]	ESTRUCTURA TELESCOPICA Y SU SISTEMA DE IZADO

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CN102506452 A 20120620	DK20070001514 20071022; DK20070001856 20071221; US20070015799P 20071221; WO2008DK00369 20081021	F03D11/00; F03D11/02; F16H57/08	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	Etapa de engranajes epicicloidales para una caja de engranajes de turbina eólica, caja de engranajes de turbina eólica y turbina eólica
CN102506476 A 20120620	CN20112034849U 20110209; CN20112082150U 20110325	F03B13/00; F03D9/00	TAIQING HUANG; JIANFENG HUANG	Expanding drainage-type fluid conflux energy-collecting device
CN102506477 A 20120620	US20100911202 20101025	F03D1/06; F03D11/00	GEN ELECTRIC [US]	Expansion assembly for a rotor blade of a wind turbine
CN102506519 A 20120620	US201113228650 20110909	F03D7/00; F03D1/06	GEN ELECTRIC [US]	EXTENSION FOR ROTOR BLADE IN WIND TURBINE
CN102510948 A 20120620	ES20080002915 20081016	F03D1/06	GAMESA INNOVATION & TECH SL [ES]; GAMESA INNOVATION & TECH SL [ES]	EXTENSOR DE RAIZ DE PALA PARA UN AEROGENERADOR.
CN102512789 A 20120627	CN20092160536U 20090626; WO2010IB01523 20100624	F03D9/00; F03D3/06	URBAN GREEN ENERGY INC [US]	External Rotor Generator of Vertical Axis Wind Turbine
CN102518545 A 20120627	WO2010GB00836 20100426; GB20090007132 20090424	F03D7/02; F03D7/04	HYWIND AS [NO]	EXTRACTING WAVE ENERGY IN A WIND TURBINE INSTALLATION
CN102518549 A 20120627	AR2010P104534 20101209	F03D9/00; F24F7/02	STORCH ERNESTO ELIAS [AR]	EXTRACTOR EOLICO ESTATICO
CN102518550 A 20120627	CN20112399308U 20111019	F03G6/00; F03D9/00; F03D11/00	Feng Jing	Facility capable of increasing power generation amount of solar energy wind power station

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CN102518551 A 20120627	DE201010053811 20101208	F15B20/00; F03D7/04	MOOG GMBH [DE]; HELBIG ACHIM [DE]; BOES CHRISTOPH [DE]; HAENDLE WERNER [DE]	FAIL-SAFE ACTUATION SYSTEM
CN102518552 A 20120627	US200913139868 20091214; DK20080001794 20081217; US20080138183P 20081217; WO2009EP67090 20091214	F03D11/00	VESTAS WIND SYS AS [DK]	FAIRING FOR WIND TURBINE BLADE
CN102518553 A 20120627	CN20111409946 20111209	F03D11/00	SANY ELECTRIC CO LTD [CN]	Fan and tower barrel thereof
CN102518554 A 20120627	CN20111418755 20111214	F03D11/00; F16F15/023	SANY ELECTRIC CO LTD [CN]	Fan and tower drum thereof
CN102518555 A 20120627	CN20111401913 20111206	F03D11/00; F16F15/02	SANY ELECTRIC CO LTD [CN]	Fan and tower tube thereof
CN102518556 A 20120627	CN20112200638U 20110614	F03D11/00	ZHEJIANG WINDEY WIND POWER CO LTD	Fan and wind wheel locking device thereof
CN102518558 A 20120627	KR20100112865 20101112	F03D3/02; F03B13/12; F03D3/06	SHIN YOUNG KU [KR]	FAN ASSEMBLY FOR GENERATOR
CN102518559 A 20120627	TW20100142306 20101203	F03D1/06	LIAO FU-ZHANG [TW]	Fan blade device
CN102518560 A 20120627	CN20112226092U 20110629	F03D11/00	GUOHU XU	Fan blade for generator rotor
CN102518561 A 20120627	CN20112231514U 20110704	F03D3/06	TANGSHAN TOYODA TECHNOLOGY CO LTD	Fan blade for large-scale vertical-shaft wind power generator
CN102518562 A 20120627	CN20112412625U 20111026	F03D11/00	Song Shiru	Fan blade for wind power generator

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CN102518563 A 20120627	CN20112259781U 20110721	F03D3/06; F03D9/00	XIONGFEI PAN	Fan blade of vertical wind driven generator and vertical wind driven generator
CN102518564 A 20120627	CN20091153035 20090928	F03D1/06	Hu Guoxian	Fan blade safety device for wind driven generator
CN102518565 A 20120627	CN20112227652U 20110630	F03D3/06	TANGSHAN TOYODA TECHNOLOGY CO LTD	Fan blade structure for vertical axis wind power generation equipment
CN102518566 A 20120627	CN20112227676U 20110630	F03D3/06	TANGSHAN TOYODA TECHNOLOGY CO LTD	Fan blade structure of vertical shaft wind power generation device
CN102518567 A 20120627	CN20101227664 20100714	F03D11/00	Chen Wenyuan	Fan blade structure of wind power generation device
CN102518568 A 20120627	GB20100021349 20101216	F04D29/66; F04D29/38	FLAKT WOODS LTD [GB]	Fan blade vibration damping
CN102518569 A 20120627	CN20112261561U 20110722	H05K7/20; F03D11/00	GUANGXI GALAXY WIND POWER GENERATION CO LTD	Fan cooling system radiating through tower wall
CN102518570 A 20120627	JP20120004318 20120112	F03D11/00	mitsubishi heavy ind ltd [JP]	FAN DEVICE FOR WIND POWER GENERATOR, AND WIND POWER GENERATOR
CN102519148 A 20120627	CN20112153710U 20110512	F03D11/00; F03D7/00; F03D9/00	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Fan impeller locking device and wind generating set
CN102520674 A 20120627	CN20101247696 20100803	F03D11/00	Zhou Feifei	Fan impeller used for wind power generation
CN102522769 A 20120627	CN20101519989 20101020	F03D11/04; B66C1/10; B66F11/00; E04H12/34	SANY ELECTRIC CO LTD [CN]; REN MINGQI [CN]; WANG LEI [CN]	FAN INTEGRAL INSTALLING ROTARY HOLD-LIFTING MECHANISM
CN102522806 A 20120627	CN20111293212 20110930	F03D7/04	DEC DONGFANG TURBINE CO LTD	Fan paddle-changing system
CN202096855U U 20120104	TW20100122780 20100709	F03D11/02; F03D9/00	PENG XING-HUI [TW]	Fan structure for man-made wind power generation and power generating system thereof

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CN202098344U U 20120104	CN20111363683 20111116	F03D7/00	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD	Fan utilizing method and fan utilizing system for wind power station
CN202100378U U 20120104	CN20112282368U 20110728	F03D3/06	JIANGANG XUE	Fan wheel device used in vertical wind generator and provided with louvered fan blades
CN202100379U U 20120104	CN20112275050U 20110729	F24D13/00; F03D9/00; F24D19/10	China Architecture Design & Research Group	Farmhouse electric heating device applying wind energy
CN202100380U U 20120104	GB20100015433 20100915	F03D1/06; F03D1/00	VESTAS WIND SYS AS [DK]	Fastener alignment guides for mating wind turbine blade roots to a hub
CN202100381U U 20120104	DE201010026706 20100706	F03D3/06; B63H9/02; F03D11/00	DOROUDIAN SEPIDEH [DE]	Fastening device for securing Flettner rotor at tensioned endless rope of e.g. wind power plant, utilized for generating electricity, has lateral axle lying in plane that divides rotar longitudinal axis, which lies in two bend points
CN202100382U U 20120104	CN20111433552 20111221	F03D7/00	UNIV SHANGHAI DIANJI	Fault diagnosis method for yaw system for wind driven generator
CN202100383U U 20120104	EP20100194143 20101208	H02H7/00; H02H7/26; H02J3/38	SIEMENS AG [DE]	FAULT-RIDE-THROUGH METHOD, CONVERTER AND POWER GENERATING UNIT FOR A WIND TURBINE
CN202100384U U 20120104	DE201020016552U 20101208; DE201120004348U 20110322; DE201110120757 20111206	F03D3/06	KROKER THOMAS [DE]	Feed device for deflecting e.g. aerodynamic force, into rotational energy, has rotor comprising four flow blades with vertical axis, where flow blades are opened or closed in upward or downward manner
CN202100385U U 20120104	DE201010042327 20101012	F03D1/06	REPOWER SYSTEMS SE [DE]	Fertigung eines Rotorblattes einer Windenergieanlage
CN202100386U U 20120104	DE201220100794U 20120306	B29C33/04; B29C35/04; B29C70/84; F03D1/06	REPOWER SYSTEMS SE [DE]	Fertigungsvorrichtung für ein Laminatbauteil eines Rotorblattes einer Windenergieanlage

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CN202100387U U 20120104	CN20112389808U 20111012	A01G1/00; A01G16/00; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Fertilizer and water regulating device provided with wind power generation system and supplying power to chemical sensor
CN202100388U U 20120104	CN20112218110U 20110625	C05C9/00; C05C3/00; F03D9/00	Yang Yifang	Fertilizer production equipment utilizing wind energy
CN202100389U U 20120104	CN20111310292 20111012	A01G16/00; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Fertilizer water regulation and control device with wind power generation system for supplying power to chemical sensor
CN202100390U U 20120104	JP20100071223 20100326; JP20100145451 20100625; JP20110069641 20110328	F03D11/00; B29C43/18; B29C43/34	DAINIPPON PRINTING CO LTD	FIBER-REINFORCED COMPOSITE FOR WIND TURBINE COMPONENT AND METHOD OF MANUFACTURING THE SAME
CN202100391U U 20120104	CN20111334432 20111029	F03D11/04; F03D3/00	YUNHE DENG	Field installation method for vertical-shaft wind-driven generator
CN202100392U U 20120104	US20100406095P 20101022	F03D11/00	MODULAR WIND ENERGY INC [US]; BAKER MYLES L [US]; KASER KENNETH LEE [US]	FIELD-BASED TEST STANDS FOR WIND TURBINE BLADES, AND ASSOCIATED SYSTEMS AND METHODS
CN202100393U U 20120104	CN20111182088 20110701	F03D3/00; F03D3/04; F03D3/06	Mao Guowu	Fish-like wind driven power generation device
CN202100394U U 20120104	CN20112421184U 20111031	F03D9/00; F01D15/10; F03D3/06; F03D11/00	Li Jianzhou	Fixed vertical worm-type compressed air steam turbine power generator set
CN202100395U U 20120104	CN20112232787U 20110628	F03D11/04	SINOHYDRO Bureau 4 (Jiuquan) New Energy Equipment Co., Ltd.	Flange and barrel body assembly platform of wind power generation tower barrel

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CN202100396U U 20120104	CN20112357888U 20110923	F03D11/00	Jiangyin Hengrun Heavy Industry Co.,Ltd.	Flange at bottom of wind power tower barrel
CN202100397U U 20120104	CN20112357890U 20110923	F03D11/00	Jiangyin Hengrun Heavy Industry Co.,Ltd.	Flange for transitional section of wind power generation tower barrel
CN202101587U U 20120104	WO2008JP60715 20080611	F03D11/04; F16B1/00; F16B7/00	mitsubishi heavy ind ltd [JP]	FLANGE JOINT FOR STRUCTURAL MEMBER
CN202101659U U 20120104	CN20112357900U 20110923	F03D11/00	Jiangyin Hengrun Heavy Industry Co.,Ltd.	Flange on top of wind power generation tower barrel
CN202102157U U 20120104	JP20100239892 20101026	F03D5/06; F03D9/00; F03D11/02	SYSTEC KK	FLAPPING TYPE WIND POWER GENERATOR
CN202102663U U 20120104	DE201010010015 20100226; DE201010044841 20100907	B63H9/02; F03D3/06	RADKE FRANZ [DE]; WINKLER FELIX [DE]	Flettner-Rotorsegel
CN202103605U U 20120104	CN20111395275 20111202	F03D3/00; F03D3/06; F03D9/00; F03D11/00	Li Zhiyong	Flexible spiral wind power collection device and spiral wind power generation system using same
CN202108654U U 20120111	KR20100117806 20101125	F03D5/00; F03D5/06; H01L31/042	WING SHIP TECHNOLOGY CO LTD [KR]; KANG CHANG GU [KR]; KANG KUK JIN [KR]; LEE CHANG MIN [KR]; LEE HAN-JIN [KR]; PARK JIN HYOUNG [KR]	FLOATING APPARATUS FOR GENERATING NEW AND RENEWABLE ENERGY
CN202108655U U 20120111	JP20100187182 20100824	B63B35/44; B63B21/50; B63B35/00; B63B43/06; F03D11/04	IHI MARINE UNITED INC [JP]	FLOATING BODY STRUCTURE

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CN202108656U U 20120111	DE201010040887 20100916	B63B35/44; B63B21/50; E02D27/42; F03D11/04	CLEMENT JUERGEN [DE]	Floating device for supporting tower, particularly tower of wind turbine, in water, has planar structure for stabilizing device on water surface, where tower is supported through planner structure
CN202108657U U 20120111	SE20090001531 20091207; WO2010SE51346 20101207	F03D11/04	HEXICON AB	Floating energy producing plant
CN202108658U U 20120111	CN20101290743 20100908	F03D9/00; F03D11/00	CHENGZHEN ZHAN	Floating machine
CN202108659U U 20120111	WO2010JP65793 20100914	F03D3/02; F03D11/04	WINPRO CO LTD [JP]; HARA AKIO [JP]	FLOATING NATURAL ENERGY UTILIZATION DEVICE AND POWER GENERATOR ASSEMBLY UTILIZING FLOATING NATURAL ENERGY
CN202108660U U 20120111	KR20100100306 20101014	F03D11/04	RES INST IND SCIENCE & TECH [KR]	FLOATING OFFSHORE WIND POWER GENERATION PLANT
CN202108661U U 20120111	KR20100100305 20101014	F03D1/00; F03D11/04	RES INST IND SCIENCE & TECH [KR]	FLOATING OFFSHORE WIND POWER GENERATION PLANT
CN202108662U U 20120111	KR20100100304 20101014	F03D11/04	RES INST IND SCIENCE & TECH [KR]	FLOATING OFFSHORE WIND POWER GENERATION PLANT
CN202108663U U 20120111	KR20100100303 20101014	F03D11/04	RES INST IND SCIENCE & TECH [KR]	FLOATING OFFSHORE WIND POWER GENERATION PLANT
CN202108664U U 20120111	CN20111440041 20111223	B63B38/00; F03D11/00	Goldwind Science & Technology Co., Ltd.	Floating offshore wind turbine movement suppression device and floating base for offshore wind turbine
CN202108665U U 20120111	WO2010ES70112 20100302; ES20090000735 20090317	F03D11/04	APIA XXI S A [ES]	FLOATING PLATFORM FOR EXTRACTING WIND ENERGY
CN202108666U U 20120111	FR20100004980 20101220	B63B35/00; B63B35/44; F03D3/02; F03D9/00	LEMBERT AURORE [FR]	Floating platform for vertical axis wind turbines, has main deck and set of elements of front row rotating in opposite directions, where wind turbines in one row turn in opposite directions to turbines in another row

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CN202108667U U 20120111	JP20100198287 20100903	B63B21/50; B63B35/00; B63B35/44; F03D11/04	SHIMIZU CONSTRUCTION CO LTD; PENTA OCEAN CONSTRUCTION; TOKYO ELECTRIC POWER CO; UNIV TOKYO	FLOATING STRUCTURE FOR OFFSHORE FACILITY, AND METHOD FOR CONSTRUCTING OFFSHORE FACILITY
CN202108668U U 20120111	KR20100076755 20100810	F03D11/00; F03D11/04	HYUNDAI ENGINEERING CO LTD [KR]	FLOATING SUPPORT STRUCTURE FOR AN OFFSHORE WIND TURBINE
CN202108669U U 20120111	CN20112115628U 20110419	B63B35/44; F03D9/00	INST ENG THERMOPHYSICS CAS	Floating type wind power generation platform
CN202108670U U 20120111	CN20111442496 20111226	F03D9/00; B63B35/00	Institute of Engineering Thermophysics, Chinese Academy of Sciences	Floating type wind power plant
CN202108671U U 20120111	KR20100093113 20100927	F03D11/04	LEE DAL EUN [KR]	FLOATING WIND TURBINE INSTALLATIONS
CN202108672U U 20120111	US20090426494 20090420; US20090432837 20090430; US20090481817 20090610; US20090499206 20090708; US20100031560 20100419	F03D11/04	BARBER GERALD L [US]	FLOATING WIND TURBINE WITH TURBINE ANCHOR

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CN202108673U U 20120111	WO2010US31681 20100420; US20090426494 20090420; US20090432837 20090430; US20090481817 20090610; US20090499206 20090708; WO2010US31560 20100419	F03D11/04	BARBER GERALD L [US]	FLOATING WIND TURBINE WITH TURBINE ANCHOR
CN202108674U U 20120111	KR20100073909 20100730	F03D11/04; F03D9/00	UNIV SUNGKYUNKWAN FOUND [KR]	Floating windgenerator
CN202108675U U 20120111	WO2010NO00109 20100322; NO20090001207 20090323; NO20090001933 20090519	F03D11/04	PELAGIC POWER AS [NO]	FLOATING, ANCHORED INSTALLATION FOR ENERGY PRODUCTION
CN202108676U U 20120111	US201113341980 20111231	F03D3/06	STEINBERG AVIGDOR [US]; PLESHOV YURY [RU]; TRAN BAO [US]	Flow Driven Engine
CN202108677U U 20120111	DE201010017343 20100611	F03D9/00; F03D1/04; F03D3/04	Porsche AG	Flow energy installation
CN202108678U U 20120111	US20090469025 20090520	F03D3/04	LOIS WILLIAM A [US]	Fluid driven generator
CN202109388U U 20120111	NZ20100579564 20101126	H02K3/00; F03D3/02; H02K5/00	DAVID HOSEGOOD; KIRSTY HOSEGOOD	Fluid driven generator with inner stator coil array and radially spaced blades

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CN202109389U U 20120111	CN20112168163U 20110525	F03D9/00; F03B3/06; F03B3/18; F03B13/26; F03B15/06; F03D1/04; F03D1/06; F03D7/04; F03D11/00	JIANGSU JUUYUAN WIND POWER TECHNOLOGY CO LTD	Fluid energy boosting and conversion device
CN202111638U U 20120111	KR20110129779 20111206	F03D1/00; F03D1/06; F03D11/00	JUNGMAC IND R & AMP D LTD [KR]	FLUID ENERGY RECIVING APPARATUS
CN202111639U U 20120111	US20100387330P 20100928	F03D1/04; F03D11/00	GALEMASTER POWER SYSTEMS LLC [US]; CARLSON ARTHUR [US]	FLUID FLOW CONTROL PROVIDING INCREASED ENERGY EXTRACTION
CN202116456U U 20120118	WO2010JP01809 20100315; JP20090072293 20090324	F03D1/04; F03D1/06	UNIV KYUSHU NAT UNIV CORP [JP]	FLUID MACHINE UTILIZING UNSTEADY FLOW, WINDMILL, AND METHOD FOR INCREASING VELOCITY OF INTERNAL FLOW OF FLUID MACHINE
CN202117512U U 20120118	JP20100132738 20100610	H02P9/40; F03B15/08; F03D9/00; H02P9/04	THK CO LTD [JP]	Fluid power generating apparatus and method for controlling the same
CN202117840U U 20120118	JP20100134262 20100611; JP20110124259 20110602	F03D11/02; F03D11/00; F03D11/04	THK CO LTD [JP]; JIST CO LTD	FLUID POWER GENERATION DEVICE
CN202117841U U 20120118	US20100902308 20101012	F03B17/06; F03D5/00; F03G7/08	SHEER WIND INC [US]; ALLAEI DARYOUSH [US]	FLUID POWER GENERATION SYSTEM HAVING A GENERATOR WITH AN ELECTRICAL-CHARGE- PRODUCING MATERIAL

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CN202117842U U 20120118	JP20100226181 20101006; JP20110162887 20110726	F03D9/00; F03D3/06; H02K21/14	THK CO LTD [JP]	FLUID POWER GENERATOR
CN202117843U U 20120118	KR20110117579 20111111	F03B13/26; F03B13/10; F03B17/06; F03D1/02	KIM HYUNG EUN [KR]	FLUID POWER GENERATOR
CN202117844U U 20120118	JP20100185145 20100820	H02K21/14; F03D9/00; H02K7/12; H02P9/00; H02P9/04	THK CO LTD [JP]	FLUID POWER GENERATOR
CN202117845U U 20120118	JP20100167896 20100727	F24F13/10; F03D3/06; F03D9/00	TAKENAKA KOMUTEN CO	FLUID TRANSFER MECHANISM WITH ENERGY REGENERATING FUNCTION
CN202117846U U 20120118	US20100415550P 20101119	F03D1/04	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	FLUID TURBINE
CN202117847U U 20120118	US20100415626P 20101119; US201113078382 20110401	F03D1/04	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY III THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	FLUID TURBINES
CN202117848U U 20120118	GB20100013777 20100817	F01B1/06; F01B9/06; F03D11/02; F04B7/00; F04B49/06	ARTEMIS INTELLIGENT POWER LTD [GB]	Fluid-working machine with asymmetrically profiled multi-lobe ring cam

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CN202117849U U 20120118	US201113030774 20110218; WO2010GB51359 20100817	F03D11/02	ARTEMIS INTELLIGENT POWER LTD [GB]	Fluid-Working Machine with Multi-Lobe Ring Cam
CN202117850U U 20120118	WO2010GB51359 20100817	F03C1/04; F03D11/02; F04B1/04	ARTEMIS INTELLIGENT POWER LTD [GB]; CALDWELL NIALL JAMES [GB]; DUMNOV DANIIL [GB]; RAMPEN WILLIAM HUGH SALVIN [GB]; ROBERTSON ALASDAIR IAN FLETCHER [GB]; STEIN UWE BERNHARD PASCAL [GB]; FOX ROBERT GEORGE [GB]	FLUID-WORKING MACHINE WITH MULTI-LOBE RING CAM
CN202117851U U 20120118	CN20111428697 20111219	F03D9/00; F03D7/00	LICHENG YANG	Flying wind power generating system
CN202117852U U 20120118	CN20112197801U 20110613	F03D7/00; H02K7/10	HUI KONG; JUNWEI HUANG	Flywheel clutch device of wind driven generator using driving wind of train
CN202117853U U 20120118	GB20100018082 20101026	B32B5/32; B32B33/00; F01D5/28; F03D1/06	VESTAS WIND SYS AS [DK]	Foam core containing radar absorbing materials for composite structures
CN202117854U U 20120118	CN20112224704U 20110629	F03D3/06; F03D9/00; F03D9/02; F03D11/02; F03D11/04	Dalian Nationalities University	Foldable wind-light mutual supply type wind power generator

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202117855U U 20120118	WO2009US04768 20090821; US20080189950P 20080822; US20090202189P 20090204	F03D1/06; F03D11/00; F03D11/02	NATURAL POWER CONCEPTS INC	Folding blade turbine
CN202117856U U 20120118	FR20100060283 20101209	F03D9/00; B60K16/00; F03D3/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Folding wind power device i.e. wind turbine, for mounted on roof of e.g. motor vehicles, to convert wind energy into mechanical energy, has fixing units fixing radial panels to each other when panels are in deployed position
CN202117857U U 20120118	FR20100004544 20101123	E02D27/02; E02D27/42; F03D11/00; F03D11/04; F24J2/52	FMGC [FR]	FONDATION EN BETON INTEGRANT UN ENSEMBLE DE LESTAGE
CN202117858U U 20120118	JP20100240140 20101007	F03D9/00; F03D1/06	WATANABE YOSHIHARU	FORM OF WIND PRESSURE FORCE POWER GENERATOR INSTALLATION
CN202117859U U 20120118	EP20100173803 20100824	F03D1/06	SIEMENS AG [DE]; SCHIBSBYE KARSTEN [DK]	FORMATION OF A CORE STRUCTURE OF A WIND TURBINE ROTOR BLADE BY USING A PLURALITY OF BASIC CORE COMPONENTS
CN202117860U U 20120118	DE201010049502 20101027	B29C33/30; B29C33/20; F03D1/06	HAWART SONDERMASCHB GMBH [DE]	Formwerkzeuganordnung zur Rotorblattherstellung
CN202117861U U 20120118	WO2009EP63919 20091022	F03D1/00	AMSC WINDTEC GMBH [AT]	FOUNDATION FIXING UNIT, WIND ENERGY CONVERTER, AND METHOD FOR FIXING A TOWER OF A WIND ENERGY CONVERTER ONTO A FOUNDATION
CN202117862U U 20120118	DK20100070519 20101129; US20100394873P 20101020	E02D27/52; E04H12/34; F03D1/00	VESTAS WIND SYS AS [DK]; LAFFERTY WALLACE [US]	FOUNDATION FOR A WIND TURBINE AND METHOD OF MAKING SAME

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202117863U U 20120118	US20100944408 20101111; US20100383996P 20100917	F03D11/04; E04H12/00	ENSOFT INC [US]; WANG SHIN-TOWER [US]; ISENHOWER WILLIAM M [US]; ARRELLAGA JOSE A [US]; VASQUEZ LUIS [US]; STEVENS JOSEPH O [US]	FOUNDATION FOR WIND TURBINE GENERATOR
CN202117864U U 20120118	CN20112165935U 20110523	F03D9/00; F03D3/06; F03D7/06; F03D11/00	Chen Yongguang	Framework type vertical turbine wind power generation apparatus
CN202117865U U 20120118	US201013259459 20100325; DK20090000407 20090325; US20090163260P 20090325; WO2010EP53905 20100325	G05D9/04; F03D9/00	GARCIA JORGE MARTINEZ [DK]	FREQUENCY CONTROL
CN202117866U U 20120118	US20090497772 20090706; WO2010US41669 20100712	F03D7/02	SIEMENS AG [DE]	Frequency-responsive wind turbine output control

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CN202118763U U 20120118	US20100804510 20100721; US20090581825 20091019; US20080006774 20080107; US20090653085 20091207; WO2009US67044 20091207; US20090237425P 20090827; US20090237479P 20090827; US20090238466P 20090831; US20090237466P 20090827; US20100304403P 20100213; US2010031	F02M69/04	MCALISTER ROY E [US]	FUEL INJECTOR ACTUATOR ASSEMBLIES AND ASSOCIATED METHODS OF USE AND MANUFACTURE
CN202118786U U 20120118	CN20111206399 20110722	F03D11/00	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Full honeycomb board wind power generator wind wheel blade
CN202119082U U 20120118	CN20112261030U 20110722	F03D11/00; B32B3/08	SHANGHAI HING WAH HONEYCOMB BUILDING MATERIAL CO LTD	Full honeycomb-board wind wheel blade of wind turbine generator
CN202120542U U 20120118	DE201020016694U 20101217	F03D9/00	LUEFTL THOMAS [DE]	GAS-PRESSURE-THERMAL SOLAR UPDRAFT POWER PLANT

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202120548U U 20120118	WO2010US47261 20100831	F03D7/02; F03D11/02; F16H1/22	MOOG INC [US]; NICHOLL ROBERT J [US]; SHENG YI [US]; OPIE RAY N [US]	GEAR ASSEMBLY FOR TURBINE CONTROL ACTUATORS
CN202121529U U 20120118	KR20100011645U 20101111	F03D1/00; F03D11/02		GEAR BOX FOR WIND POWER GENERATION
CN202121914U U 20120118	WO2010JP52101 20100212	F03D11/02	MITSUBISHI HEAVY IND LTD [JP]	GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
CN202124816U U 20120125	CN20112335004U 20110907	F03D11/00; F16D1/06; F16H1/10	SANY ELECTRIC CO LTD [CN]	Gear box of wind turbine and power input assembly of gear box
CN202125100U U 20120125	CN20112294563U 20110812	F16F15/04; F03D11/00; F16F15/08	SINOVEL WIND GROUP CO LTD [CN]	Gear box shock-absorbing device of wind-driven generator
CN202125401U U 20120125	WO2010EP60473 20100720; DE200910034832 20090727	G01L3/00; F03D1/00; G01L3/08	WINERGY AG [DE]	Gear mechanism for industrial applications or wind power plants
CN202125402U U 20120125	KR20100097446 20101006	F03D11/02	PUSAN NAT UNIV IND COOP FOUND [KR]	GEAR TRAIN FOR AEROGENERATOR
CN202125403U U 20120125	DE200910010035 20090221; DE200910017301 20090411; WO2010EP00983 20100217	F03D11/02; F16H55/02; F16H57/00; F16H57/02	BOSCH GMBH ROBERT [DE]	Gear Transmission having a Gear Wheel Arranged on a Hollow Shaft and Wind Power Plant
CN202125404U U 20120125	DE201010031161 20100709	F16N7/40; F03D11/00; F03D11/02; F16H57/04	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]; WALLISER JOCHEN [DE]; LANG ULF [DE]	GEARBOX
CN202125405U U 20120125	US20100854434 20100811	F16H1/48; F03D11/02	GEN ELECTRIC [US]	Gearbox support system

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CN202125406U U 20120125	US20100854350 20100811	F03D11/02; F16H1/48	GEN ELECTRIC [US]	Gearbox support system
CN202125407U U 20120125	KR20090028984 20090403	F03D1/00; F03D11/00	DMS CO LTD [KR]	GENERADOR DE ENERGIA EOLICA
CN202125408U U 20120125	US20060788423P 20060330; WO20071B00746 20070323	H02K7/116; F03D9/00; H02K7/18; H02K15/16	CLIPPER WINDPOWER INC [US]; CLIPPER WINDPOWER LLC [US]	GENERADOR ELECTRICO PARA TURBINAS EOLICAS E HIDRAULICAS.
CN202125409U U 20120125	PE20100053020 20100820	F03D3/00	SAAVEDRA PACHECO PEDRO [PE]	GENERADOR EOLICO MARINO DE PALAS EXTENSIBLES
CN202126295U U 20120125	AR2011P100164 20110119	F03D1/00; F03D1/04	DIAZ JORGE ALBERTO [AR]	GENERADOR EOLICO UNIDIRECCIONAL
CN202127321U U 20120125	US20090144713P 20090114	F03D1/00; F03D9/00; H02K7/18	AMSC WINDTEC GMBH [AT]	GENERADOR, GONDOLA, Y PROCEDIMIENTO DE MONTAJE DE UNA GONDOLA DE UN CONVERTIDOR DE ENERGIA EOLICA.
CN202132171U U 20120201	CN20111440790 20111223	F03D11/04	SEC Purui Zhangbei Wind Power Research Inspection Co., Ltd.;China Electric Power Research Institute	General wind generation set foundation and method for fixing wind generation set
CN202132172U U 20120201	JP20080026720 20080206; JP20080320242 20081216; JP20080332066 20081226	F03D9/00	AJEHJCHAJ CORP [JP]	GENERATING DEVICE OF HIGH-TEMPERATURE THERMAL RADIATOR STORAGE (VERSIONS)
CN202132173U U 20120201	KR20100075519 20100805	E01F9/06; F03D9/00; F21S8/00	PARK BYEONG SU [KR]	Generating Road Eye using Flow of Fluid
CN202132174U U 20120201	CN20101248730 20100809	F03D9/00; B60L8/00; F03D1/02; F03D1/06;	Chen Zhangbo	Generating set used for vehicle

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		H02J7/00; H02N6/00		
CN202132175U U 20120201	JP20100269488 20101202	B60L8/00	HAYATSU TERUO	Generation device and vehicle
CN202132176U U 20120201	CN20101273225 20100906	F03D9/00; F03D3/00; F03D3/04	CONG YANG [CN]	Generation device utilizing automobile airflow power
CN202132177U U 20120201	CN20111274447 20110904	F03D9/00; F03D3/00; F03D3/06; H02J3/38	Yunnan Huile High-tech Co., Ltd.	Generation road system
CN202132178U U 20120201	KR20100110976 20101109	F03G4/00; F03D9/00; F24J3/08	LEE JAE KYUN [KR]; LEE KYEONG GYUN [KR]	GENERATION SYSTEM USING A UNDERGROUND TUNNEL
CN202132179U U 20120201	JP20100261316 20101124	F03D1/06; F03D9/00; F03D11/04	SUMITOMO ELECTRIC INDUSTRIES [JP]	GENERATOR
CN202132180U U 20120201	JP20100179387 20100810	H02K21/14; H02K1/16; H02K3/12	YASKAWA ELECTRIC CORP	Generator and wind generating system
CN202132181U U 20120201	DE200810063875 20081219; WO2009EP08271 20091120	F16H1/32; F03D9/00; H02K7/116	BOSCH GMBH ROBERT [DE]	Generator Arrangement for a Wind Power Plant
CN202132182U U 20120201	KR20110036507 20110420	F03D11/00; F03D3/06	CAE KOREA CO LTD [KR]	GENERATOR COMBINED VERTICAL-AXIS WIND TURBINE
CN202132183U U 20120201	WO2009EP65462 20091119; DE200910017325 20090416	H02K1/20; F03D11/00; H02K7/18	AVANTIS LTD [CN]	GENERATOR COOLING ARRANGEMENT OF A WIND TURBINE
CN202132184U U 20120201	EP20100179276 20100924	H02K1/20; F03D9/00	LE BESNERAIS JEAN [FR]	Generator for an Electrical Machine

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CN202132185U U 20120201	WO2010GB50384 20100305; EP20090154927 20090311; GB20090004039 20090310	H02P9/10; F03D9/00; H02P9/48	POWER COLLECTIVE LTD [GB]	Generator power conditioning
CN202132186U U 20120201	CN20111333846 20111028	F03D9/00; F03D7/02; F03D11/00	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD	Generator set
CN202132187U U 20120201	EP20100006961 20100706	F03D9/00; F03D7/02; H02K7/18	CONVERTEAM TECHNOLOGY LTD [GB]	Generator torque control method
CN202132863U U 20120201	KR20100091382 20100917	F03D9/00; F03D3/04; F03D11/00	CHU EU GINE [KR]	GENERATOR USING TRAVELING WIND
CN202134985U U 20120201	CN20111423176 20111216	H02J3/38; F03D7/00; F24J2/24	Song Kaiquan;Tan Junfu	Generator utilizing various natural energies
CN202135026U U 20120201	CN20112345922U 20110915	F03D11/00; F16F1/41	Luoyang Shuangrui Rubber & Plastic Technology Co., Ltd.	Generator vibration damping support used for wind generating set
CN202139086U U 20120208	EP20100167615 20100629	F03D11/00; F03D11/02; H02K7/18	SIEMENS AG [DE]	GENERATOR, WIND TURBINE, METHOD OF ASSEMBLING A GENERATOR AND USE OF A GENERATOR IN A WIND TURBINE
CN202140242U U 20120208	DE200810020731 20080425; WO2009EP54883 20090423	H02P9/00; F03D9/00; H02K21/24	CALIEBE REINHARD [DE]; CLANA POWER SYSTEMS GMBH [DE]	GENERATOREINRICHTUNG MIT ?BERWACHUNG VON STROMPFADEN
CN202140243U U 20120208	BR2010PI01008 20100326	F03D3/00	NISHIMURA TAKASHI [BR]	GERADOR EÓLICO DE PEQUENO PORTE
CN202140244U U 20120208	PT20100105274 20100830	F03D3/00	ALTOGA TECNOLOGIAS DE GESTAO E APRENDIZAGEM LDA [PT]	GERADOR EËLICO VERTICAL ESCAL?VEL

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CN202140245U U 20120208	BR2009PI04112 20090925	F03D9/00; B60L8/00; F03D11/04	DECOTTIGNIES DE BARROS HENRIQUE CARLOS [BR]	GERAÇÃO DE ENERGIA EÓLICA EM TÚNEL DE VENTO
CN202140246U U 20120208	DE201120106051U 20110926	F03D3/06	NOKUTA PTY LTD [AU]	Gerät zur Verbesserung der Energie-Effizienz und/oder des Lärmpegels von Windturbinen
CN202140247U U 20120208	DE201010055876 20101224	H02K7/10; F03D11/04	AERODYN ENG GMBH [DE]	Getriebe/Generator-Kupplung
CN202140248U U 20120208	US20100979884 20101228	F03D9/00; F01D5/12; G01B11/16; G01H17/00; G01K13/00; G01L7/00; G01N21/00	VESTAS WIND SYS AS [DK]	GLOBAL WIND FARM SURVEILLANCE SYSTEMS USING FIBER OPTIC SENSORS
CN202140249U U 20120208	CN20101244657 20100723	F03D9/00; E04H12/18	Guo Dexiang	Goose neck wind power station on top of street lamp post
CN202140250U U 20120208	TW20100123470 20100716	F03G3/00; F03G7/10; H02K7/18; H02K53/00	YEH HUNG HSIEN [TW]	GRAVITY POWER GENERATING APPARATUS
CN202140251U U 20120208	JP20090147619 20090622; WO2010JP60438 20100621	F03D9/00; C10M169/06; F04D29/04	IDEMITSU KOSAN CO [JP]	GREASE COMPOSITION

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CN202140252U U 20120208	US201113373945 20111206; JP20040032187 20040209; JP20040114620 20040408; JP20040187243 20040625; JP20040232967 20040810; JP20040232968 20040810; JP20040278925 20040927; JP20040343721 20041129; JP20040352310 20041206; JP20050010906 20050118; US20	C10M169/06; B61F17/30; C10M125/04; C10M125/10; C10M125/18; C10M125/20; C10M125/22; C10M125/24; F03D11/00; F16C33/66	NTN TOYO BEARING CO LTD [JP]	Grease, rolling bearing, constant velocity joint, and rolling parts
CN202140253U U 20120208	EP20100174283 20100827	B24B21/16; B24B55/08; F03D1/00	JOEST GMBH [DE]	Grinding device for mechanical grinding of rotor blades for wind power systems
CN202140254U U 20120208	CN20112307746U 20110823	F24F5/00; F03D3/06; F03D9/00; F25B31/00	TANGSHAN TOYODA TECHNOLOGY CO LTD	Ground source wind energy air conditioner formed by vertical axis windmill
CN202140255U U 20120208	CN20111176768 20110628	F03D9/00; H02K5/20; H02K7/10	China Creative Wind Energy Co.,Ltd.	Ground wind generating set for high air power generation
CN202140256U U 20120208	CN20112222152U 20110628	F03D9/00; F03D7/00; F03D11/02	QINGDAO HUACHUANG WINDPOWER CO LTD	Ground wind power generator set for high altitude power generation

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CN202140257U U 20120208	CN20112296021U 20110816	F03D9/00; F03D3/06; F03D11/00; F16H37/02	Li Jingguo	Guardrail type roof wind power generation system
CN202140258U U 20120208	CN20112248550U 20110714	F03D11/04	SINOVEL WIND GROUP CO LTD [CN]	Guyed tower structure of wind generating set
CN202140259U U 20120208	CN20112222643U 20110628	B66C1/16; F03D11/00	GUODIAN UNITED POWER TECH CO	Hanger for shrinkable fit of main bearing of fan transmission system
CN202140260U U 20120208	US20100402175P 20100825	F03D7/04	PTEROFIN LLC [US]; KEMPKEY WALLACE WRIGHT [US]; BREIDENTHAL ROBERT EDWARD [US]	HARNESSING FLOWING FLUIDS TO CREATE TORQUE
CN202140569U U 20120208	EP20100016097 20101227	E06B9/06; F03D11/00	AREVA WIND GMBH [DE]	Hatch cover for wind driven power plant
CN202140965U U 20120208	CN20111278230 20110919	F03D11/00	Wu Jianhua	Health monitoring system and method for wind generator system structure
CN202143002U U 20120208	CN20111366932 20111117	F03D7/00	Gao Bingtuan	Health status online monitoring device of wind generating set and monitoring method of monitoring device
CN202143004U U 20120208	CN20111310273 20111012	A61N2/02; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Health-care device for reducing blood viscosity utilizing electromagnetic field generated by wind power generation
CN202144770U U 20120215	CN20111324036 20111023	F24D3/18; F02C6/00; F03D9/00; F24D19/10; H02J3/46	CHONGQING ELECTRIC POWER CORP	Heat and power cogeneration system comprising wind power and fuel gas combined-cycle unit and heat and power cogeneration method
CN202144771U U 20120215	CN20111323995 20111023	F24F5/00; F01D15/10; F03D9/00; F24F11/02; H02J3/46	Xi'an Jiaotong University	Heat and power cogeneration unit and wind power generation combined refrigeration system and scheduling method thereof

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CN202144772U U 20120215	CN20111324048 20111023	F25B29/00; F01D15/10; F03D9/00; F25B49/00; H02J3/46	CHONGQING ELECTRIC POWER CORP; Chongqing Electric Power Corp.;Xi'an Jiaotong University	Heat and power cogenerator unit and wind power generator unit combined heat supply system and scheduling method thereof
CN202145683U U 20120215	CN20111440042 20111223	F03D11/00; F03D11/04	Goldwind Science & Technology Co., Ltd.	Heat dissipation structure for wind generating set
CN202145772U U 20120222	JP20100261407 20101124	F03D9/00; F03D1/06; F03D9/02	SUMITOMO ELECTRIC INDUSTRIES [JP]	HEAT GENERATING MACHINE AND WIND-FORCE THERMAL POWER GENERATION SYSTEM
CN202148717U U 20120222	JP20100261335 20101124	F03D9/00; F03D9/02	SUMITOMO ELECTRIC INDUSTRIES [JP]	HEAT GENERATING MACHINE AND WIND-FORCE THERMAL POWER GENERATION SYSTEM
CN202148980U U 20120222	JP20100186094 20100823	H05B6/02; F03D9/00	SUMITOMO ELECTRIC INDUSTRIES [JP]	HEAT GENERATION DEVICE AND WIND-FORCE THERMAL POWER GENERATION SYSTEM
CN202148981U U 20120222	CN20111343277 20111103	F03G6/06; F03D9/00; F22B1/06; F24J2/34; F28D20/02	JIANCHENG ZHANG	Heat generation device with complementary energy storage of solar energy and wind energy
CN202148982U U 20120222	CN20111444137 20111227	F03D11/00	Southeast University	Heat-assistant ultrasonic combined ice-removing device and control method thereof
CN202148983U U 20120222	TW20100134583 20101011	F03D1/00; F03D9/00	HE MING-ZE [TW]	Heat-pump wind power generation device
CN202148984U U 20120222	CN20102660928U 20101215; CN20112279199U 20110803	F03D11/00; B64F1/00; E04G1/15	SIEMENS AG [DE]	HELI-HOIST PLATFORM
CN202148985U U 20120222	FR20100004032 20101011	F03D11/04; E04H12/00; E04H12/30; F03D3/04	RINJONNEAU GEORGES [FR]	Hexagonal tower for wind power generator, has bearings serving as framework for wind power generator, and draught screens arranged to direct ambient air flow on blades of wind power generator

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CN202148986U U 20120222	KR20100063289 20100701	F03D11/04; F03D1/02	KIM HYUN SIK [KR]	HIGH ALTITUDE OFFSHORE WINDPOWER GENERATE SYSTEM AND ITS CONSTRUCTION METHOD
CN202148987U U 20120222	CN20112055087U 20110304	F03G6/06; F03D3/00; F03D9/00; H02N6/00	NANJING CLEANING RENEWABLE ENERGY RES DESIGN INST	High concentration solar hot airflow wind optical coupling tower generating system
CN202148988U U 20120222	CN20101517483 20101022	H02J3/38; F03D9/00; H02K5/10	Shanghai Wind New Energy Technology Co.,Ltd.	High protection level direct current grid-connected permanent magnet direct drive wind power system
CN202148989U U 20120222	CN20112303573U 20110819	F03D9/02; H04N5/225	Tianjin Tiandy Digital Technology Co., Ltd.	High speed spherical camera
CN202148990U U 20120222	US201113199687 20110908; US20100403512P 20100917	F03D3/06; F03D7/06	KHAN SR GHULAM MURTAZA [US]; KHAN JR GHULAM AHMAD [US]	High torque vertical axis windmill
CN202148991U U 20120222	US201161485384P 20110512; US20100389816P 20101005	H02J3/38; F03D7/04; H02J7/35	ALENCON SYSTEMS INC [US]; FISHMAN OLEG S [US]; SCHWABE ULRICH K W [US]	HIGH VOLTAGE ENERGY HARVESTING AND CONVERSION RENEWABLE ENERGY UTILITY SIZE ELECTRIC POWER SYSTEMS AND VISUAL MONITORING AND CONTROL SYSTEMS FOR SAID SYSTEMS
CN202148992U U 20120222	AU20100100734 20100709; US20100833407 20100709; DK20100070322 20100709	F03D9/00	VESTAS WIND SYS AS [DK]; ZAPATA ROBERTO [DK]; JENSEN RASMUS PETER [DK]	HIGH VOLTAGE SWITCHGEAR POWER SUPPLY ARRANGEMENT FOR A WIND TURBINE FACILITY
CN202148993U U 20120222	CN20112053295U 20110303	B64D27/24; F03D9/00	YAOHUI TANG	High-altitude combined power-generating device
CN202148994U U 20120222	CN20112094897U 20110326	F24J2/00; F03D9/00	ZHENGGAO ZHOU	High-efficiency and new-energy flat-plate stainless steel solar power-generation water heater

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202148995U U 20120222	IT2010RM00504 20100929	F03D3/00; F03D3/06	UNIV PALERMO [IT]; PANTANO ANTONIO [IT]	HIGH-EFFICIENCY OSCILLATING-BLADE WIND TURBINE
CN202148996U U 20120222	CN20101521891 20101021	F03D9/00; F03D3/06; F03D11/02	Lan Xuewen;Zou Yingbo	High-efficiency transduction wind power generation device
CN202149373U U 20120222	CN20112279826U 20110803	F03D9/00; F03D1/04; F03D3/04; F03D7/02; F03D7/06	GE CHEN	High-efficiency wind power generation device
CN202150229U U 20120222	CN20121002704 20120106	F03D9/02; F03D7/00; F03D11/00	Liuzhou Jingyang Energy-efficient Appliances Co., Ltd.	High-efficiency wind turbine generator system
CN202152102U U 20120229	CN20112264297U 20110725	G09F9/33; F03D9/00; G09G3/32; H02N6/00	XU GUOZHEN	Highly energy-saving high definition light-emitting diode (LED) display screen
CN202152304U U 20120229	CN20112245601U 20110713	F03D11/00	GUANGDONG TIANFU ELECTRICAL GROUP CO LTD	Highly-stable wind-driven generator
CN202152550U U 20120229	CN20112405322U 20111024	F03D9/00; F03D11/02	Zhejiang Ocean University	High-power hydraulic wind power generation unit
CN202152713U U 20120229	CN20112390484U 20111014	F03D9/00; C25B1/04; F02B43/10; F02B63/04	China National Petroleum Corporation;Liaohe Petroleum Exploration Bureau	High-power off-grid wind generator
CN202152714U U 20120229	CN20112289680U 20110810	H02J9/06; F03D9/00; H02N6/00	HEFEI LISTEN NEW ENERGY TECHNOLOGY CO LTD; ZHENG GONG	High-power wind energy and solar energy complementary power generation control device
CN202152715U U 20120229	CN20101219485 20100706	G02B6/44; F03D11/00	Jiangsu Hengtong Electric Power Cable Co., Ltd.	High-resistance torsion load-bearing-type soft control optical cable
CN202152716U U 20120229	CN20111433934 20111216	F03D9/00; F03D1/06	XI AN RUIJINYUAN ENERGY TECHNOLOGY CO LTD	High-rise wind power generator

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CN202152717U U 20120229	CN20112202590U 20110616	F03D11/00; F16D65/00	NANJING WIND POWER TECHNOLOGY CO LTD	High-speed shaft brake disc protective cover
CN202152880U U 20120229	CN20111378406 20111124	B66C1/12; B66C13/08; F03D11/00	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD	Hoisting device and hoisting method
CN202153062U U 20120229	DK20060001276 20061002; WO2007DK00422 20071002	B66D1/38; B66D1/46; B66D1/54; B66D3/20; F03D1/00	PP ENERGY APS [DK]; GEO GLEISTEIN UND SOHN GMBH	Hoisting device for use at a wind turbine, with a reel, motor, and controler
CN202153412U U 20120229	CN20112153512U 20110513	F03D11/00; E05F15/04; F16J15/02	Chongqing Haidian Windpower Technology Co., Ltd.	Hoisting hole structure of air guide sleeve of wind driven generator
CN202153602U U 20120229	CN20112259307U 20110721	F03D11/00	SHANGHAI HING WAH HONEYCOMB BUILDING MATERIAL CO LTD	Honeycomb board connecting structure
CN202156466U U 20120307	CN20111206398 20110722	F03D11/00; B32B3/08	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Honeycomb board wind power generator wind wheel blade
CN202157549U U 20120307	CN20112261029U 20110722	F03D11/00; B32B3/08	SHANGHAI HING WAH HONEYCOMB PANEL CO LTD	Honeycomb-board wind rotor blade of wind generator
CN202157891U U 20120307	KR20100122506 20101203	F03D1/06; F03D7/02; F03D11/00		Horizontal Axis Wind Power System

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202157898U U 20120307	EP20060756444 20060522; JP20050159848 20050531; JP20050196548 20050705; JP20050249524 20050830	F03D7/02	FUJI HEAVY IND LTD [JP]	Horizontal axis wind turbine
CN202157899U U 20120307	JP20100210319 20100921	F03D11/04	FUJI HEAVY IND LTD [JP]	Horizontal axis wind turbine
CN202157900U U 20120307	JP20100204997 20100914	F03D7/04	FUJI HEAVY IND LTD [JP]	HORIZONTAL AXIS WINDMILL
CN202157901U U 20120307	FR20100002854 20100707	F03D7/04; F03D1/06	EOLYS RESSOURCES ET EN [FR]	Horizontal axle type aerogenerator for producing electric power, has automation unit moving nacelle in intermediate position to maintain rotation speed of generator below predetermined maximum rotation speed
CN202157902U U 20120307	CN20112294088U 20110725	F03D1/06	RONGREN YI; YI GUANG	Horizontal shaft involute helicoid blade
CN202157903U U 20120307	JP20100233042 20100928	F03D1/06; F03D11/00	SAN WORLD KK; FUJITA TAKEO	HORIZONTAL SHAFT WIND TURBINE FOR WIND POWER GENERATOR
CN202157904U U 20120307	CN20112307137U 20110822	F03D11/00; F03D9/00; F16H1/32; F16H1/46; F16H57/023; F16H57/029; F16H57/04	SANY ELECTRIC CO LTD [CN]	Horizontal shaft wind turbine unit and gear box device thereof
CN202157905U U 20120307	RU20110102717 20110126	F03D3/00	GUBANOV ALEKSANDR VLADIMIROVICH [RU]	HORIZONTAL TURBINE WIND-POWERED GENERATOR
CN202157906U U 20120307	KR20100100653 20101015	F03D3/04; F03D11/00	JI YUN BAE [KR]; KIM BO KYUM [KR]	HORIZONTAL WIND POWER GENERATOR

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CN202157907U U 20120307	US20090168993P 20090414; US20090286434P 20091215; WO2010CA00528 20100408	F03D3/04; F03D3/06; F03D7/06	QUINTAL REJEAN [CA]	HORIZONTAL WIND POWERED TURBINE.
CN202157908U U 20120307	AU20120100280 20120315	F03D3/02; F03D7/06; F03D11/00	BREITKREUZ HELMUT	Horizontal Wind Turbo Cube Stackable Generator Energy Efficiency platforms
CN202157909U U 20120307	DK20050001841 20051228; WO2006DK00746 20061228	F03D1/06; B23C3/12	LM GLASFIBER AS [DK]	HORIZONTIEREN VON WURZELBUCHSEN AN BL?TTERN F?R WINDTURBINEN
CN202157910U U 20120307	KR20100126682 20101213	F03D9/00; F22B3/06; F24D3/00; F24J2/02	KIM JUN SEOP [KR]; KIM SE YOUNG [KR]; KIM HAN YOUNG [KR]	HOT WATER HEATER USING WIND AND SOLAR FORCE
CN202157911U U 20120307	KR20100126681 20101213	F03D9/00; F22B3/06; F24H9/18; F24J3/00	KIM JUN SEOP [KR]; KIM SE YOUNG [KR]; KIM HAN YOUNG [KR]	HOT WATER HEATER USING WIND FORCE
CN202157912U U 20120307	CN20101555165 20101123	F24D13/04; F03D9/00	Dalian Chuangda Technology Trade Market Co., Ltd.	Household wind energy heating system
CN202157913U U 20120307	US20100915687 20101029	F03D3/04; F03D7/06; F03D11/00	TOTAL ENERGY RENEWABLE POWER SYSTEMS LLC [US]	Housing and Mass Airflow Rate Control System for a Wind Turbine
CN202157914U U 20120307	DE200910035248 20090729; WO2010EP61055 20100729	F03D11/00	SUZLON ENERGY GMBH [DE]	HOUSING FOR A WIND TURBINE
CN202157915U U 20120307	GR20100100457 20100813	F03D11/04	PAPAGIANNIS NIKOLAOS KONSTANTINOU [GR]	HOVERING EOLIC-ENERGY GENERATION SYSTEM

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CN202157916U U 20120307	US201113168307 20110624	F03D11/04	GEN ELECTRIC [US]	HUB ASSEMBLY FOR USE WITH A WIND TURBINE AND METHOD OF MAKING THE SAME
CN202157917U U 20120307	CN20112397940U 20111019	F03D1/06	Beijing Technology and Business University	Hub drilled with holes
CN202157918U U 20120307	US20100857025 20100816	F03D1/06	GEN ELECTRIC [US]	Hub for a wind turbine and method of mounting a wind turbine
CN202157919U U 20120307	CN20112257230U 20110720	F03D11/00	UNIV CHINA AGRICULTURAL	Hub for disc type vertical-axis wind turbine
CN202158480U U 20120307	KR20100112858 20101112	F03D11/00	DAEWOO SHIPBUILDING & MARINE [KR]	HUB FOR WIND TURBINE AND THE METHOD FOR MANUFACTURING THEREOF
CN202158669U U 20120307	WO2010EP57382 20100528; DK20090000695 20090603; US20090183691P 20090603	F03D7/04	VESTAS WIND SYS AS [DK]	HUB-SITED TOWER MONITORING AND CONTROL SYSTEM FOR WIND TURBINES
CN202159983U U 20120307	CN20112227666U 20110623	F03D3/02; F03D11/00	FANXIN MENG	Huge energy wind power engine
CN202160070U U 20120307	EP20100380117 20100916	F03D3/06; F03D3/04; F03D9/00	HYDROGENEOS S L [ES]	Hybrid eolic-solar generator
CN202160373U U 20120307	CN20111394001 20111201	H02J3/38; F03D7/00; H02J3/40; H02P9/14	Beijing Power Machinery Institute	Hybrid excitation wind power generation system with wide wind speed range
CN202164033U U 20120314	KR20100060637 20100625	F03D9/00; F03B13/00; H01L31/042	CHEJU NAT UNIV IND ACAD COOP [KR]	HYBRID GENERATING SYSTEM USING THE OCEAN STREAM, SOLAR POWER AND WIND POWER TOGETHER
CN202164835U U 20120314	KR20100083228 20100827	F03D9/00; F03B13/12; H01L31/042	KOREA MARITIME UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	HYBRID POWER GENERATION SYSTEM FOR FLOATING FACILITIES AT SEA

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CN202165211U U 20120314	KR20100117352 20101124	F03B17/06; F03B7/00; F03B11/02; F03D5/00		Hybrid type micro small hydroelectric power generator
CN202165212U U 20120314	KR20100092024 20100917	H02J7/00; F03D9/02; H02J7/35; H02N2/00	JINWOO SOFT INNOVATION [KR]	HYBRID TYPE POWER SUPPLY APPARATUS FOR MULTI SMART GATEWAY
CN202165213U U 20120314	IT2009CO00026 20090728; WO2010IB01827 20100726	F03D3/00; F03D3/06	WINDESIGN S R L [IT]	HYBRID TYPE VERTICAL SHAFT TURBINE FOR WIND POWER GENERATING DEVICES
CN202165214U U 20120314	KR20100077106 20100809	F03D3/06; F03D11/00	KIM KI CHEER [KR]; KIM HONG SU [KR]	HYBRID VERTICAL AXIS WINDMILL BLADES
CN202165215U U 20120314	CN20111324071 20111021	H02J7/00; F03B15/00; F03D7/00; H02J7/04; H02J7/35; H02J9/00; H02J13/00	Northeastern University	Hybrid wind-hydro-solar power generation device and control method
CN202165216U U 20120314	CN20111309341 20111013	F03D9/00; F03D7/06; F03D11/00	Wang Baisuo	Hybrid-energy artificial tornado power generating system
CN202165217U U 20120314	DE201120102638U 20110616	F03D1/06	HIXT WILLI [DE]	Hybrid-Windkrafttröder-System(Stromversorgung)
CN202165218U U 20120314	CN20112318133U 20110829	F03D7/00	UNIV TIANJIN TECHNOLOGY	Hydraulic control system for megawatt-class wind power generation
CN202165219U U 20120314	CN20112199534U 20110614	F03D7/00; F16D55/00; F16D65/18	Jiaozuo Rethel Disc Brakes Co., Ltd.	Hydraulic direct-acting type brake

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CN202165220U U 20120314	US20100853066 20100809; US20090232625P 20090810; WO2010US45068 20100810	E21B43/26; E21B41/00; F03D9/02; F03G6/00	SCHMIDT HOWARD K [US]	Hydraulic geofracture energy storage system
CN202165221U U 20120314	WO2010JP06981 20101130	F04B35/00; B23P15/00	MITSUBISHI HEAVY IND LTD [JP]	HYDRAULIC PUMP STRUCTURE FOR WIND TURBINE GENERATOR OR TIDAL CURRENT GENERATOR AND METHOD OF MOUNTING HYDRAULIC PUMP
CN202165222U U 20120314	JP20100223950 20101001	F03D9/00; F03D9/02	SAKURA RUBBER	HYDRAULIC SYSTEM
CN202165223U U 20120314	CN20101529508 20101102	F03D9/02	SANY ELECTRIC CO LTD [CN]	Hydraulic system and wind-driven power generator set
CN202165224U U 20120314	US20100973221 20101220	F03D7/02	GEN ELECTRIC [US]	Hydraulic yaw drive system for a wind turbine and method of operating the same
CN202165225U U 20120314	DK20090070058 20090710	F03D7/02; F03D11/00	VESTAS WIND SYS AS [DK]	HYDRAULIKSTATION UND VERFAHREN ZUR DRUCKREGELUNG IM HYDRAULIKSYSTEM EINER WINDTURBINE
CN202165226U U 20120314	DE201010041824 20100930	F03D11/00	REPOWER SYSTEMS SE [DE]	Hydraulische Bremsenrichtung für eine Windenergieanlage
CN202165227U U 20120314	DE201220001910U 20120217	F03D11/00	BAUER GERHARD [DE]	Hydraulische Windkraftanlage
CN202165694U U 20120314	US20090244083P 20090921; US20090180949P 20090526; US20090224925P 20090713; WO2010IB52337 20100526	F03B1/02; F03B13/10	LEVIATHAN ENERGY HYDROELECTRIC LTD [IL]	Hydroelectric in-pipe turbine blades

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CN202165987U U 20120314	WO2010IB52338 20100526; US20090180949P 20090526; US20090224925P 20090713	F01D15/00	LEVIATHAN ENERGY HYDROELECTRIC LTD [IL]	HYDROELECTRIC IN-PIPE TURBINE USES
CN202166206U U 20120314	RO20110001139 20111114	F03D1/06	UNIV LUCIAN BLAGA DIN SIBIU [RO]	HYDROELECTRIC TURBINE LINEARLY DEVELOPED ALONG THE RIVER STREAMLINE
CN202167228U U 20120314	JP20100230533 20101013	F02B43/08	OGAWA TAKUYA [JP]	HYDROGEN GAS ENGINE AND ENERGY-SAVING AUTOMOBILE
CN202167910U U 20120314	KR20100088494 20100909	C25B1/04; F03D1/00; F03D9/00	HYUN DAI HEAVY IND CO LTD [KR]	HYDROGEN GENERATOR FOR OFFSHORE WIND TURBINE
CN202168016U U 20120314	US20100382605P 20100914	F03B13/00; F03B13/12; F03D5/02	WINGMILL MARINE ENERGY INC [US]; SCHULTZ GARTH J [US]; LESLIE SCOTT M [CA]; SPECK JAMES A [US]	HYDROKINETIC ELECTRICAL GENERATING DEVICE
CN202168158U U 20120314	US20100392724P 20101013	F03D9/00	HOUVENER ROBERT C [US]; DOYLE TYLER NATHANIEL [US]	HYDROKINETIC ENERGY TRANSFER DEVICE AND METHOD
CN202170844U U 20120321	FR20100059859 20101129	F03B17/06; F03B13/00; F03D3/06	ELECTRICITE DE FRANCE [FR]; INST POLYTECHNIQUE GRENOBLE [FR]	HYDROLIENNE A FLUX TRANSVERSE A FAIBLE TRAINEE
CN202170845U U 20120321	DE200920009696U 20090709; DE200910033272 20090709; WO2010DE00808 20100708	F03D9/00; F03D11/02	MPP GBR [DE]	Hydrostatic drive of a wind turbine
CN202170846U U 20120321	GB20100011858 20100714	F03D11/00; F03D7/00	VESTAS WIND SYS AS [DK]	Ice and fault detection method for wind turbine blades

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CN202170847U U 20120321	CN20111310448 20111013	F03D7/00	GUODIAN UNITED POWER TECH CO	Ice load operation optimization control system and method used in wind turbine generator system (WTGS)
CN202170848U U 20120321	CN20112389984U 20111013	F03D7/00; G01W1/02; G01W1/06	GUODIAN UNITED POWER TECH CO	Ice-load operation optimizing control system of wind generating set
CN202170849U U 20120321	CN20111283973 20110922	F03D11/00; H05B1/02; H05B3/02	Deng Changming;Qu Jinxu	Icing-protection wind power generator blade and manufacturing method thereof
CN202170850U U 20120321	US20070934157 20071102; WO2008US74975 20080902	F16H57/04; F03D11/00; F16C33/66	GEN ELECTRIC [US]	ÍLVERTEILER ZUM SCHMIEREN VON LAGERUNGEN
CN202170851U U 20120321	CN20112222196U 20110628	F03D3/06; F03D7/06	KE QIU	Impeller device of wind driven generator
CN202170967U U 20120321	CN20112264647U 20110725	F03D3/06; F03D9/02	SHIMING LIAO	Impeller keel structure and vertical axis wind power generation system constituted by same
CN202171204U U 20120321	CN20111266627 20110909	F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Impeller lightning protection device for wind generating set
CN202171271U U 20120321	CN20112248134U 20110714	F03D1/06	TAIWAN HODAKA IND CO LTD	Impeller structure of wind driven generator
CN202176446U U 20120328	CN20111324334 20111023	F03B3/14; F03D11/00	Dalian University of Technology	Impeller with blades changing angles along position
CN202176453U U 20120328	EP20090158706 20090424; EP20090173494 20091020	C09D175/04; C08G18/42; C08G18/78; F03D1/06	HEMPEL AS [DK]	IMPROVED COATING COMPOSITION FOR WIND TURBINE BLADES

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CN202176454U U 20120328	CN20112236349U 20110706	F03D9/00; F03B3/04; F03B3/12; F03B3/18; F03B11/00; F03B13/00; F03D1/02; F03D1/04; F03D1/06; F03D11/00	JIANGSU JUZYUAN WIND POWER TECHNOLOGY CO LTD	Improved fluid energy raising and conversion device
CN202176455U U 20120328	CN20111444412 20111227	F03D7/00	Nanjing University of Science and Technology	Improved MPPT (maximum power point tracking) control method based on initial rotation speed adjustment
CN202176456U U 20120328	TW100208376U 20110511; TW100223767U 20111216	F03D9/00	CHUNG CHIEN-LIN [TW]	Improved structure of wind-powered electric generator
CN202176457U U 20120328	JP20100250267 20100924	F03D3/06; F03D3/02; F03D9/00	YAMASHITA NORIARI	IMPROVEMENT OF BLADE OF WIND POWER GENERATOR, AND INSTALLATION METHOD THEREFOR
CN202176458U U 20120328	CN20112136694U 20110429	F03D3/00; F03D3/06; F03D9/00	Cai Xinxiong	Improvement structure for wind driven generator
CN202176459U U 20120328	GB20090007010 20090423	B32B5/22; B32B5/32; B32B7/02; F03D1/06	VESTAS WIND SYS AS [DK]	IMPROVEMENTS IN OR RELATING TO COMPOSITE STRUCTURES
CN202176460U U 20120328	WO2010GB50667 20100423; GB20090007009 20090423	B32B33/00; B23B3/30; B29C70/86; B29D99/00; B32B38/04; F01D5/28; F03D1/06	VESTAS WIND SYS AS [DK]	IMPROVEMENTS IN OR RELATING TO COMPOSITE STRUCTURES

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CN202176461U U 20120328	US20100367535P 20100726; GB20100012478 20100726	F03D7/04	VESTAS WIND SYS AS [DK]; WEDEL-HEINEN JENS JAKOB [DK]	IMPROVEMENTS RELATING TO WIND TURBINES
CN202176462U U 20120328	GB20090007011 20090423; WO2010GB50665 20100423	F03D11/00; B29C39/12; B32B3/06; B32B3/10; B32B7/08; B32B33/00; B32B37/12	VESTAS WIND SYS AS [DK]	INCORPORATION OF FUNCTIONAL CLOTH INTO PREPREG COMPOSITES
CN202176463U U 20120328	US201113032431 20110222; US20100378740P 20100831	F01D7/00	CATCH THE WIND INC [US]	INDEPENDENT BLADE PITCH CONTROL
CN202176464U U 20120328	CN20112189230U 20110607	F03D7/02	ZHEJIANG WINDEY WIND POWER CO LTD	Independent variable-pitch control device for large wind turbines
CN202176465U U 20120328	US20100883276 20100916	F03D7/00	CLIPPER WINDPOWER INC [US]	INDEPENDENT, DISTRIBUTED PROTECTION AND SAFETY SYSTEM WITH FIBER OPTIC COMMUNICATION FOR WIND TURBINES
CN202177226U U 20120328	WO2010CN73598 20100607; CN20091100064 20090622	F03D7/00; F03D9/00	ZHEJIANG WINDEY CO LTD [CN]	INDIVIDUAL PITCH CONTROL METHOD FOR LARGE WIND GENERATING SET
CN202178613U U 20120328	EP20080004588 20080312	F16C17/02; F03D11/00; F16C23/04; F16C33/10; F16C39/04	SIEMENS AG [DE]	Indretning omfattende en st+ttestruktur og en roterende aksel og vindm=lle
CN202179388U U 20120404	EP20080021381 20081209	G01P3/44; F03D7/02; G01D5/32; G01P3/22	SIEMENS AG [DE]	Indretning til detektering af en h+j rotationshastighed af et blad

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CN202179418U U 20120404	JP20100088973 20100407; JP20100105921 20100430	H05B6/02; F03D9/00; F24H1/00	SUMITOMO ELECTRIC INDUSTRIES [JP]	Induction heating apparatus and power generating system having the same
CN202181881U U 20120404	CN20111369262 20111121	F03D3/06	Shanghai University	Inflatable self-adapting deformable blade
CN202181984U U 20120404	US20090183749P 20090603; US20090555446 20090908; WO2010US37251 20100603	F03D1/04	FLODESIGN WIND TURBINE CORP [US]	Inflatable wind turbine
CN202181985U U 20120404	DE201010044456 20100906	C08K7/16; C08K7/02; C08K9/04; C08L63/00; F03D1/06	SIEMENS AG [DE]	Infusionsharzformulierung f³r Faserverbundwerkstoffe
CN202181986U U 20120404	CN20101263303 20100826	F03D9/00; F03D3/04; F03D3/06; F03D11/00	MENG YINGZHI [CN]	Inner-filling wind-gathering type device for improving efficiency of fan or wind-driven generator
CN202181987U U 20120404	CN20111266601 20110909	F16H57/02; F03D11/02; F16H57/08	CHONGQING GEARBOX CO LTD	Input connecting structure of wind power generation gear box
CN202181988U U 20120404	NL20102005540 20101018	F03D1/06	STICHTING S & O PATENTEN [NL]	INRICHTING EN WERKWIJZE VOOR HET UITWISSELEN VAN ENERGIE MET EEN FLUJDUM.
CN202181989U U 20120404	NL20021021078 20020715	F03D1/04; F03D3/04; F03D7/04; F03D11/04	STICHTING ENERGIE [NL]	INSTALACION DE COLECTORES DE FLUJO DE ENERGIA, TAL COMO UN PARQUE EOLICO, Y PROCEDIMIENTO DE FUNCIONAMIENTO.

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CN202181990U U 20120404	DE201010005991 20100127	F03D11/00; F03D11/04	ALOYS WOBLEN [DE]	INSTALACION DE ENERGIA EOLICA Y SEGMENTO DE TORRE DE LA INSTALACION DE ENERGIA EOLICA
CN202181991U U 20120404	DE200410010104 20040227; DE200410022299 20040504	F03D11/00; H01R39/64; H02G13/00	REPOWER SYSTEMS AG [DE]; STEMMANN TECHNIK GMBH [DE]; REPOWER SYSTEMS SE [DE]; STEMMANN TECHNIK GMBH [DE]	INSTALACION DE PARARRAYOS PARA PLANTAS DE ENERGIA EOLICA.
CN202181992U U 20120404	NO20100001529 20101101	F03D11/04; E02D7/02	SARKAR ARUNJYOTI [NO]	Installasjonmetodikk for vindturbinfundament bestaende av enkelttror (monopel).
CN202181993U U 20120404	CN20111194086 20110712	B66C23/52; F03D11/04	WUHAN GAOZHI INNOVATION TECHNOLOGY CO LTD	Installation apparatus and method for offshore wind power equipment
CN202181994U U 20120404	FR20100059434 20101117	F03D11/04; B63B35/44; B63B38/00; F03D7/02	IDEOL [FR]	INSTALLATION ET PROCEDE D'EXPLOITATION D'ENERGIE EOLIENNE
CN202181995U U 20120404	ES20100001243 20100928	F03D11/00; B29C65/78	TORRES MARTINEZ M [ES]	Installation for assembling composite material structures
CN202182159U U 20120404	FR20100004247 20101028	F15D1/12; B63H9/02; F03D1/06	IFP ENERGIES NOUVELLES [FR]	Installation for displacement of e.g. ship, has drive unit driving rotor, and rotor comprising surfaces on portion of outer surface of rotor to optimize hydro/aerodynamic characteristics of rotor with respect to fluid in turbulent flow
CN202182309U U 20120404	WO2010CN01033 20100712	B63B35/44; F03D9/00	Jiangsu Daoda Offshore Wind Construction Technology Co., Ltd.	Installation method and recovery method for offshore wind turbine
CN202183609U U 20120404	CN20111398776 20111206	F03D11/04; H01T19/00	LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CO [CN]	Installation method of copper disc type lightning arrester of megawatt level wind driven generator blade

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CN202183711U U 20120404	CN20112082299U 20110325	B62D55/065; F03D11/00	YANGZHOU KEJIN SHIPYARD CO LTD	Installation mobile platform for intertidal zone wind driven generator
CN202183836U U 20120404	KR20100070659 20100721	F03D11/00; F03D11/04	SAMSUNG HEAVY IND [KR]	INSTALLING METHOD OF CABLE USED FOR WIND POWER GENERATOR
CN202186284U U 20120411	WO2010GB00258 20100212; GB20090002289 20090212	E02B17/02; E02D13/04; E02D27/42; E02D27/52; F03D1/00	Marine Current Turbines Ltd.	Installing submerged support structures
CN202186516U U 20120411	CN20111423642 20111217	F03D9/00; A47G9/06	Zhang Yuechan	Insulating bed utilizing wind enegy to generate power
CN202187306U U 20120411	US20100417591P 20101129	F03D3/04; B60L8/00; F03G7/10	BRYSON THOMAS PATRICK [CA]	INTEGRATED HYBRID GENERATOR
CN202187858U U 20120411	CN20112250763U 20110715	H02N6/00; F03D9/00	XINGLI YUAN	Integrated power generator using power generation and photovoltaic power generation complementarily
CN202187859U U 20120411	CN20111260765 20110905	F03D9/02; F01D15/10; F02C3/00; F02C6/00; F02C7/08	North China Electric Power University	Integrated system with wind power generation and compressed air energy storage and integration method thereof
CN202187860U U 20120411	CN20112330819U 20110905	F03D9/02; F01D15/10; F02C3/00; F02C6/00; F02C7/08	North China Electric Power University	Integrated system with wind power generation and compressed air energy storage functions
CN202187861U U 20120411	CN20112354132U 20110921	H02J7/00; F03D9/02; H02N6/00	CHENGDU COPOO TECHNOLOGY CO LTD	Integrated wind-solar electricity generating system
CN202187862U U 20120411	US20070845277 20070827	F03D11/00	GEN ELECTRIC [US]	Integreret middelhastighedsgearet drivvörk
CN202187863U U 20120411	US20100850825 20100805	F03D7/04; F03D7/02; F03D9/00	GEN ELECTRIC [US]	Intelligent active power management system for renewable variable power generation

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CN202187864U U 20120411	CN20112339579U 20110913	H02N6/00; B08B13/00; F03D9/00	Nankai University	Intelligent control system for cleaning device of wind-solar type photovoltaic component
CN202187865U U 20120411	CN20112247735U 20110714	F03D7/00	SUZHOU DONGYUAN ELECTRICAL APPLIANCE CO LTD	Intelligent control system for wind driven generator
CN202187866U U 20120411	CN20112208231U 20110620	F03D9/00; F03D7/00; F03D11/00	Mao Zhengang	Intelligent minitype wind driven power generator
CN202187867U U 20120411	CN20101562503 20101126	F03D7/00	Huizhou Sanhua Industrial Ltd.	Intelligent MPPT (maximum power point tracking) wind energy controller
CN202187868U U 20120411	CN20112103476U 20110411	F03D9/00; F03D3/00; F03D7/06	Wu Yongjun	Intelligent program control vertical shaft wind machine
CN202187869U U 20120411	CN20111356950 20111111	F03D9/00; F03D3/06; F03D7/06	Nantong Textile Vocational Technology College	Intelligent reducing self-starting vertical axis wind power generation device
CN202187870U U 20120411	CN20111310308 20111012	A01C11/02; F03D9/00; H04N5/335	WUXI TONGCHUN NEW ENERGY TECH	Intelligent transplanter having wind generator system for supplying power to image sensor
CN202187871U U 20120411	CN20112389595U 20111011	G09F23/00; F03D3/00; G09F9/33	Zhang Hui	Interchanging type uninterrupted subtitle display device for wind energy generator
CN202187872U U 20120411	PL20110396210 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Interstice wind turbine
CN202187873U U 20120411	CN20111328916 20111026	F03D11/04	JIANGSU MARINE LONGYUAN WIND POWER GENERATION CO LTD; JIANGSU ELECTRIC POWER CONSTRUCTION NO 3 ENGINEERING COMPANY	Intertidal zone fan hoisting technology

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CN202187963U U 20120411	DE201010046339 20100923	F03B3/12; B01F5/00; B64C11/18; F03B3/08; F03D1/06; F03D3/06; F04D29/28	GAECKLE EGON K [DE]	IOS-Sogturbine
CN202188097U U 20120411	DE201010035703 20100827	F21S8/00; B64F1/20; F03D11/00	REPOWER SYSTEMS SE [DE]; QUELL PETER [DE]; BOLZ DETLEF [DE]	IR WARNING LIGHT
CN202190117U U 20120411	KR20100082952 20100826	F03D9/00; F03D11/00	DAEWOO SHIPBUILDING & MARINE [KR]	JACK-UP HOUSE FOR WIND TURBINE INSTALLATION VESSEL
CN202190224U U 20120411	ES20100001337 20101018	F03D11/02	GAMESA INNOVATION & TECH SL [ES]	Joint between the gearbox input shaft and the rotor rotation shaft
CN202194772U U 20120418	US20100915686 20101029	F03D1/06	GEN ELECTRIC [US]	Joint design for rotor blade segments of a wind turbine
CN202194773U U 20120418	CN20111378302 20111124	F03D9/00; F03D7/04; F03D11/04	UNIV SHENYANG TECHNOLOGY	Kilowatt class off-grid and grid-connection direct drive permanent magnet wind generating set
CN202194774U U 20120418	US20100947820 20101116	F03D7/06	TEIN PE-PIN [TW]	KINETIC ENERGY TRANSFORMING MODULE
CN202194775U U 20120418	US201113288527 20111103; US20100409894P 20101103	B64C31/06; F03D9/00	LIND DAMON VANDER [US]	Kite configuration and flight strategy for flight in high wind speeds
CN202194776U U 20120418	DE201020013633U 20100925; DE201110113695 20110920	F03D9/02	ROLFS ABRAM [DE]; WAHRHEIT LUDGER ALERICH [DE]	Kombination einer Windkraftanlage bzw. Photovoltaikanlage mit einer Kältemittel-Wärmepumpen-Anlage zur Heiznutz- Wärmegewinnung ohne Umweltbelastung durch CO2- Emissionen
CN202194777U U 20120418	US20080290488 20081030	F03D11/02; F16H1/28; F16H1/46	GEN ELECTRIC [US]	Kombineret splitdrejningsmoment-plantehjulsgeær til vindturbindeanvendelser

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CN202194778U U 20120418	DE201220004453U 20120503	F03D9/00	FITTKAU WILFRIED [DE]	Kombinierte Solar-Wind-Fliehkraftanlage zur autonomen Erzeugung +kologischer Energie
CN202194779U U 20120418	DE201020003269U 20100308; DE201020012237U 20100906; DE201020015616U 20101118	B66C13/06	LIEBHERR WERK EHINGEN [DE]	KRAN
CN202194780U U 20120418	DE201120001850U 20110124	B66C23/18; B66C23/62; B66C25/00; E04H12/34; F03D11/04	LIEBHERR WERK EHINGEN [DE]	Kran
CN202194781U U 20120418	DE201020015616U 20101118	B66C13/04	LIEBHERR WERK EHINGEN [DE]	Kran
CN202194782U U 20120418	US20100360927P 20100702; DK20100070313 20100702	B29C65/50	VESTAS WIND SYS AS [DK]; HEDGES ANDREW [GB]; HAWKINS JASON [GB]; VALSGAARD POUL [DK]	LAP JOINT
CN202194783U U 20120418	DE201010050721 20101108	F16C33/76; F03D11/00; F16C33/78	LUIKEN ENNO [DE]	Large bearing comprises outer ring, inner ring and rolling element which is provided with cage, where inner diameter of large bearing is greater than or equal to five hundred millimeters
CN202194784U U 20120418	CN20112289774U 20110811	H02K16/02; F03D9/00; H02K1/27; H02K3/04; H02K3/28	GUODIAN UNITED POWER TECH CO	Large double-rotor direct driving permanent magnet wind driven generator and generator set formed by same
CN202194785U U 20120418	CN20112216145U 20110623	F03D9/00; F03D11/00; H02K51/00	GUODIAN UNITED POWER TECH CO	Large E-CVT (electronic continuously variable transmission) synchronous wind power generator set

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CN202194786U U 20120418	US20100913023 20101027	F03D3/06; F03D11/00; F03D11/04	FLORIDA TURBINE TECH INC [US]; RYZNIC JOHN E [US]; BROSTMAYER JOSEPH D [US]; WILSON JACK W JR [US]	LARGE FLOATING VERTICAL AXIS WIND TURBINE
CN202194787U U 20120418	CN20112241775U 20110711	F03D9/00; F03D9/02; F03D11/02; F03D11/04	TANGSHAN TOYODA TECHNOLOGY CO LTD	Large vertical shaft pavilion type tower wind solar hybrid generating device
CN202194788U U 20120418	CN20101275456 20100901	F03D9/00; F03D1/02; F03D1/06; F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]; CHEN XIANGQUAN [CN]	LARGE WIND POWER GENERATION SET FOR ULTRA-LOW TEMPERATURE ENVIRONMENT
CN202194789U U 20120418	CN20112240111U 20110708	F03D5/00; F03D9/00	TANGSHAN TOYODA TECHNOLOGY CO LTD	Large windmill structure for landscape wind power generation
CN202194790U U 20120418	CN20111323608 20111024	F03D9/00; F03D11/02	Zhejiang Ocean University	Large-power hydraulic wind-driven generating device
CN202195407U U 20120418	CN20101258423 20100820	F03D9/00; F03D1/04; F03D11/04	Zhao Youyi	Large-power portable wind-driven generator
CN202197191U U 20120418	CN20112231270U 20110701	F03D7/00; H02J3/38	SUZHOU DONGYUAN ELECTRICAL APPLIANCE CO LTD	Large-power wind power generation system
CN202197192U U 20120418	CN20111271972 20101019	F03D9/00; H02K1/22	Kong Heping	Large-scale magnetic suspension circular orbit combined type three-phase alternator
CN202197207U U 20120418	CN20111262748 20110907	F03D9/00; F03D3/02; F03D3/06; F03D7/06; F03D11/02; F16H63/30	Xu Xiaoli	Large-wind sail vertical rotation type wind power generation tower
CN202201162U U 20120425	EP20100013883 20101022	E04H12/08; E04H12/10;	RAUTARUUKKI OYJ [FI]	Lattice tower

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		F03D11/04		
CN202203039U U 20120425	CN20112241743U 20110711	F21S9/04; F03D9/00; F21V23/00	ZIQI YUAN	Laval nozzle type temperature difference power generation LED (light-emitting diode) street lamp
CN202203040U U 20120425	CN20112274440U 20110730	F21S9/04; F03D9/00; F21V17/10	CHANGZHOU HANKO ELECTRONICS CO LTD	Lawn lamp
CN202203041U U 20120425	CN20112139493U 20110505	F21S9/04; F03D9/00; F21V17/02	SUZHOU SUNLIGHT WELL PHOTOVOLTAIC TECHNOLOGY CO LTD	LED (light-emitting diode) street lamp powered by wind power
CN202203042U U 20120425	DE200510032693 20050713; WO2006EP06821 20060712	F03D9/00	REPOWER SYSTEMS AG [DE]	LEISTUNGSREGELUNG EINES WINDPARKS
CN202203043U U 20120425	DE200610057055 20061204; WO2007EP63300 20071204	F03D1/00; F03D11/00; F03D11/02	BOSCH REXROTH AG [DE]	LEISTUNGSVERZWEIGTES WINDKRAFTGETRIEBE
CN202203044U U 20120425	WO2003EP10470 20030919	F03D11/00	GEN ELECTRIC [US]	Lejehus
CN202203045U U 20120425	CN20112214323U 20110623	F03D3/06; F03D7/06; F03D9/00; F03D11/02	Hehai University;Nanjing Hehai Technology Co., Ltd.	Lift force vertical axis impeller with controllable rotating speed and power
CN202203046U U 20120425	KR20100115400 20101119	B66C11/16; B66D1/20; B66D1/30; F03D11/00	SAMSUNG HEAVY IND [KR]	LIFT INSTALLATION OF WIND POWER GENERATOR
CN202203047U U 20120425	US201113214605 20110822	B66C1/18; B21D53/78; B66C1/12; B66C23/00;	GEN ELECTRIC [US]	LIFT SYSTEM AND METHOD FOR CONSTRUCTING A WIND TURBINE

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		F03D11/00		
CN202203048U U 20120425	CN20111277947 20110919	F03D3/06	Chongqing University	Lift-drag non-fixed combined vertical axis wind turbine
CN202203049U U 20120425	WO2010EP67060 20101108	B66C1/16; F03D1/00; F03D11/04	ALSTOM WIND S L U [ES]; TARRAGO RAVENTOS MIQUEL [ES]	LIFTING BEAM FOR USE IN HOISTING A WIND TURBINE BLADE
CN202203050U U 20120425	NL20102004987 20100628	F03D1/00; E02D27/42	IHC HOLLAND IE BV [NL]; VAN DEN BERG KUNO JOHANNES ALEXANDER [NL]	LIFTING DEVICE AND METHOD FOR POSITIONING OF AN UNWIELDY OBJECT
CN202203051U U 20120425	DE200910040235 20090907; WO2010EP63030 20100906	F03D11/04	SUZLON ENERGY GMBH [DE]	Lifting device for a rotor of a wind turbine
CN202203052U U 20120425	DK20050000092 20050119	B66C1/42; F03D1/00	A2SEA AS [DK]	LIFTING DEVICE FOR A WIND TURBINE GENERATOR
CN202203053U U 20120425	WO2009EP67714 20091222; US20090228196P 20090724	B66C1/62; B66C1/66; F03D1/00; F03D11/04	SIEMENS AG [DE]	Lifting fitting
CN202203054U U 20120425	DE201020004093U 20100323	B66C1/12; F03D11/00	WOBHEN ALOYS [DE]	Lifting unit for lifting a rotor of a wind power installation
CN202203055U U 20120425	KR20100006700U 20100625	B62J6/00; F03D3/06; F21S9/04		Light device use wind force for bicycle
CN202203056U U 20120425	TW100221956U 20111121	B60Q1/00; F03D9/02	TUNGNAN UNIVERSITY [TW]	Light emitting diode illumination device of automobile wind power generation characterized by electricity storage and low- voltage driving
CN202203057U U 20120425	CN20111362932 20111116	F03D11/00; H01R39/64	Jinan Railway Vehicles Equipment Co., Ltd.	Lightening protection device for wind generating set blade

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CN202203058U U 20120425	JP20100267716 20101130	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	LIGHTNING ARRESTER DEVICE FOR WIND TURBINE ROTOR BLADES AND WIND TURBINE GENERATOR EQUIPPED WITH SAME
CN202203059U U 20120425	JP20100150103 20100630	F03D11/00	JAPAN STEEL WORKS LTD [JP]; SUZUKI JUN; MUTO ATSUTOSHI	LIGHTNING ARRESTER STRUCTURE FOR WIND GENERATOR BLADE
CN202203060U U 20120425	ES20100001525 20101130	F03D11/00	GAMESA INNOVATION & TECH SL [ES]	Lightning conduction system for wind turbine blades with carbon fibre laminates
CN202203061U U 20120425	US20100369807P 20100802; DK20100000692 20100802	F03D11/00	VESTAS WIND SYS AS [DK]; LYNGBY CLAUS GROEN [DK]; ERICHSEN HANS V [DK]	LIGHTNING CURRENT TRANSFER ARRANGEMENT OF A WIND TURBINE
CN202203380U U 20120425	EP20100187018 20101008; EP20100196053 20101220	G01W1/16; F03D11/00; G01R15/24; G01R29/08; G01R33/032	PHOENIX CONTACT GMBH & CO [DE]; NORTH SENSOR AS [DK]	Lightning detection system
CN202206167U U 20120425	US20100872198 20100831	F03D1/00; F03D11/00; G01R31/02; H02G13/00; H05F3/02	GEN ELECTRIC [US]	Lightning protection for wind turbines
CN202207539U U 20120502	WO2010EP50472 20100115; US20090236192P 20090824	H02G13/00; F03D11/04	SIEMENS AG [DE]	Lightning protection system
CN202208321U U 20120502	EP20100165519 20100610	F03D11/00; H02G13/00	SIEMENS AG [DE]	Lightning protection system for a wind turbine
CN202209244U U 20120502	KR20100100669 20101015	F03D11/00; H02G13/00	SAMSUNG HEAVY IND [KR]	LIGHTNING PROTECTION SYSTEM FOR WIND TURBINE

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CN202209250U U 20120502	JP20100267717 20101130	F03D9/00; F03D11/00; H02H3/00	MITSUBISHI HEAVY IND LTD [JP]	LIGHTNING STRIKE DETECTOR FOR HOLLOW STRUCTURE, WIND TURBINE ROTOR BLADE, AND WIND TURBINE GENERATOR EQUIPPED WITH THE SAME
CN202209251U U 20120502	CN20112295210U 20110815	F21V25/00; F03D11/00	Suzhou Crystal Ray Photoelectric Lighting Technology Co.,Ltd.	Lightning-protection structure of wind-light complementary street lamp
CN202209252U U 20120502	CN20111440939 20111226	F03D11/00; B29C70/30	WIPO Wind Power (Wuxi) Co., Ltd.	Lightweight high-strength blade and manufacturing technology thereof
CN202209253U U 20120502	CN20111439921 20111224	F03D9/00; F03D3/06; H02K3/04; H02K3/28; H02K5/04	Li Shengran	Light-weight wind driven generator
CN202209254U U 20120502	JP20100264740 20101129	F03D1/06; F03D9/00	IKEDA KAIDO	LINEAR WIND POWER GENERATOR, LINEAR MOTOR HELICOPTER AND IN-WHEEL MOTOR HAVING CAM FOLLOWER FOR HOLDING CLEARANCE BETWEEN ARMATURE AND FIELD MAGNET FACING AXIAL DIRECTION AGAINST STRESS AND LOAD
CN202209255U U 20120502	CN20111283869 20110922	F03D7/00	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Linearization technique of maximum power tracking curve of wind turbine
CN202209256U U 20120502	WO2010JP51953 20100210	F03D7/00; B21D53/78; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	LINK PIN EXCHANGING DEVICE FOR WIND TURBINE GENERATOR AND LINK PIN EXCHANGING METHOD
CN202209257U U 20120502	WO2009JP58139 20090424	G06F19/00	MITSUBISHI HEAVY IND LTD [JP]	LOAD MEASURING APPARATUS, METHOD, AND PROGRAM
CN202209746U U 20120502	US20110985589 20110106	F03D7/00	SIEMENS AG [DE]	LOAD MITIGATION DEVICE FOR WIND TURBINE BLADES

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CN202210708U U 20120502	WO2009IB06309 20090722; US20090206207P 20090128	F03D7/04; F03D1/00	CLIPPER WINDPOWER INC [US]	Load Mitigation During Extreme Yaw Error on a Wind Turbine
CN202210765U U 20120502	WO2009DE01662 20091120; DE200810063043 20081223	F03D11/00	AERODYN ENG GMBH [DE]	Locking device for the rotor of wind turbines
CN202213707U U 20120509	CN20112233408U 20110705	F03D11/00	China Creative Wind Energy Co.,Ltd.	Locking device of rotor of direct drive wind driven generator
CN202215095U U 20120509	DK20110000041 20110121	B66C1/66; F03D1/06; F03D11/04	AALBORG MASKINFABRIK SVENSTRUP AS [DK]	Løfteanordning til multiple løftebeslag samt anvendelse
CN202215426U U 20120509	GB20100019956 20101124; US20100417690P 20101129	G01D5/26; F03D7/04; H04B10/18	VESTAS WIND SYS AS [DK]; GLAVIND LARS [DK]; HJORT THOMAS [DK]; OLESEN IB SVEND [DK]	LONG FIBRE OPTIC SENSOR SYSTEM IN A WIND TURBINE COMPONENT
CN202215427U U 20120509	KR20100129584 20101217	B64D41/00; B64C27/00; F03D9/00	KOREA AEROSPACE RES INST [KR]; KIM CHEL WAN [KR]	LONG-ENDURANCE AIRPLANE USING WIND POWER ENERGY
CN202215428U U 20120509	CN20111290980 20110929	F03D9/00; F03D3/06; F03D7/06; F03D11/02	MENG YINGZHI [CN]	Longitudinal axis sail-swelling flap type wind driven generator
CN202215429U U 20120509	CN20112410431U 20111025	F03D9/00; F03D3/04; F03D3/06; F03D7/06; F03D11/02; F03D11/04	Wuxi C-Solar New Energy Technology Ltd.	Loop solar tower plate-wheel-type wind electric power generation system
CN202215430U U 20120509	US20100943135 20101110	F03D1/06; F03D11/00	GEN ELECTRIC [US]	Lärmreduziereinrichtung für ein Rotorblatt in einer Windkraftanlage

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CN202215431U U 20120509	US20100972806 20101220	F03D1/06	GEN ELECTRIC [US]	Lärmverminderer für ein Rotorblatt in einer Windturbine
CN202215432U U 20120509	CN20112188578U 20110607	F03D3/02; F03D3/06; F03D11/00	Xu Yuyi	Louver type wind generator
CN202215433U U 20120509	CN20112391343U 20111014	F04B1/047; F03D9/00; F03D11/00	Zhu Yongbo	Low rotary speed plunger pump device and wind power generation device using same
CN202215434U U 20120509	CN20112218718U 20110624	C02F1/44; F03B13/00; F03B13/14; F03B13/26; F03D9/00	FUJIAN FISHERIES RES INST	Low-carbon sea water desalinization equipment adopting green power
CN202215435U U 20120509	RU20090103828 20090205; WO2009RU00748 20091230	F03D3/06	SHPOLIANSKIY YULIY BORISOVITCH [RU]; ISTORIK BORIS LVOVITCH [RU]	LOW-HEAD ORTHOGONAL TURBINE
CN202215436U U 20120509	CN20111311680 20111014	F04B1/047; F03D9/00; F03D11/00	Zhu Yongbo	Low-rotating-speed plunger pump device and wind power generation device applying same
CN202215437U U 20120509	CN20101549122 20101117	F03D7/00; H02J3/38	SANY ELECTRIC CO LTD [CN]	Low-voltage ride-through distributed power supply system and wind generating set
CN202215438U U 20120509	CN20112223487U 20110621	F03D3/06	WENZHENG ZHOU	Low-wind speed aerogenerator
CN202215439U U 20120509	CN20111198942 20110716	H02J3/38; F03D9/00	Northeast Dianli University; Hegang City Power Bureau; Tieling Power Supply Company of Liaoning Electric Power Co., Ltd.	Low-wind-speed-occasion multiple low-capacity unit convergence power generating system and method

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CN202215440U U 20120509	DE20021059680 20021218	F03D11/00		LÂMINA DE ROTOR DE UMA INSTALAÇÃO DE ENERGIA EÓLICA, PROCESSO E DISPOSITIVO PARA MEDIR A FLEXÃO OU ALTERAÇÃO NO COMPRIMENTO DE UM PRODUTO, E, INSTALAÇÃO DE ENERGIA EÓLICA.
CN202215441U U 20120509	CN20112325750U 20110825	F16H57/04; F03D11/00; F16N39/06	Xinxiang Yuxin Windpower Equipment Engineering Co. Ltd.	Lubricating oil filter of gear box of wind driven generator
CN202215442U U 20120509	US201113291266 20111108	F03D11/00; F01M1/00; F01M1/18; F01M11/10; F16C33/66	GEN ELECTRIC [US]	LUBRICATION SYSTEM AND WIND TURBINE INCORPORATING SAME
CN202215443U U 20120509	CN20112309402U 20110815	F03D9/00; A63H33/40; F21V33/00	GUOXING LI	Luminous windmill
CN202215444U U 20120509	ES20100030926 20100616	F03D1/06; B23Q1/76; B24B19/14; F01D5/14	NADITEC INGENIERIA S L [ES]	LUNETAS MEJORADAS PARA ASIENTO GIRATORIO DE PALAS DE AEROGENERADORES.
CN202215445U U 20120509	KR20100097346 20101006	F03D7/00; H02P9/04	DAEWOO SHIPBUILDING & MARINE [KR]	LVRT CONTROL APPARATUS FOR SYNCHRONOUS GENERATOR TYPE WIND TURBINE AND THE CONTROL METHOD
CN202215660U U 20120509	IT2010RM00686 20101223	F03D1/02; F03D3/02	BIAGINI LIVIO [IT]	MACCHINA EOLICA AD ELEMENTI AERODINAMICI PER CONCENTRARE E ACCELERARE UN FLUSSO EOLICO ENTRANTE DALL'ESTERNO.
CN202215847U U 20120509	CN20112277663U 20110727	F03D11/00; F03D1/00; F16H48/12; F16H48/20	ZEXING GAO	Machine head for wind machine and wind machine comprising same

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CN202215921U U 20120509	WO2009DE01757 20091215; DE200910008437 20090211	F03D11/00	VESTAS WIND SYS AS [DK]	Machine support for receiving a rotor/generator assembly of a gearless wind energy plant
CN202216337U U 20120509	DE200910005956 20090123; WO2009EP65447 20091119	H02K1/28	AVANTIS LTD [CN]	MAGNET RING OF A MULTI-POLE GENERATOR FOR A WIND TURBINE
CN202218162U U 20120509	EP20100189985 20101104	H02K5/20; F03D11/00; H02K1/20	SIEMENS AG [DE]	MAGNETIC CAP ELEMENT FOR A STATOR OF A GENERATOR
CN202220705U U 20120516	CN20102546216U 20100929	F03D11/02; F16H49/00	SU DAVID CHI-HENRY [US]	MAGNETIC LEVITATION TRANSMISSION
CN202220713U U 20120516	CN20112187525U 20110603	F03D11/04; F03D3/02; F03D3/06	SHENZHEN TIMAR WINDENERGY AND LUMINOUS ENERGY TECHNOLOGY CO LTD	Magnetic levitation wind driven generator tower
CN202220714U U 20120516	CN20112375386U 20110929	F03D9/00; F16C32/04	Xinjiang Urumqi Hope Electronic Co., Ltd.	Magnetic suspension type wind power generation device
CN202221433U U 20120516	CN20112234656U 20110705	F03D9/00; F03D3/06	SHENZHEN SUNTOP GREEN ENERGY CO LTD	Magnetic suspension wind driven generator
CN202222140U U 20120523	CN20111149991 20110603	F03D9/00; F03D3/02; F03D3/06	Jiang Zhonghua	Magnetic suspension wind-driven generator
CN202228266U U 20120523	CN20101284744 20100917	F03D9/00; H02N15/00	XIANGDONG ZHUO	Magnetic-suspension wind driven generator capable of stably suspending
CN202228267U U 20120523	DE201010040917 20100916	F03D11/00; B63H9/02	WOBBEN ALOYS [DE]	Magnus-Rotor

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CN202228268U U 20120523	US201113373263 20111109; JP20050281054 20050928; US20080992448 20080321; WO2006JP318419 20060915	H02P9/48	TOYO ELECTRIC MFG CO LTD [JP]	Main circuit of electric power generating apparatus for dispersed power supply
CN202228269U U 20120523	CN20112148665U 20110511	F03D11/04	ZHEJIANG WINDEY WIND POWER CO LTD	Main shaft and wheel hub assembling structure for wind generating set
CN202228270U U 20120523	DK20110070273 20110531	F03D9/00; F03D1/06; F03D11/00; H02K7/18	ENVISION ENERGY DENMARK APS [DK]	Main Shaft Construction for a Wind Turbine
CN202228271U U 20120523	US201113339328 20111228; DK20110070011 20110111; US201061427485P 20101228	B25J13/08; B25J5/00; B25J19/02; B25J19/04	VESTAS WIND SYS AS [DK]	MAINTAINING A WIND TURBINE WITH A MAINTENANCE ROBOT
CN202228272U U 20120523	JP20100143434 20100624	F03D11/00; E04G3/24; E04G3/28; E04H12/08	SAKURAI GIKEN KOGYO KK	MAINTENANCE CONSTRUCTION METHOD FOR WINDMILL BLADE OF WIND-POWER GENERATION EQUIPMENT
CN202228273U U 20120523	CN20112309502U 20110823	F03D7/02	GUODIAN UNITED POWER TECH CO	Management and optimal control system for yaw sector of wind generating set
CN202228274U U 20120523	WO2010EP05003 20100814; DE200910039340 20090829	F03D7/04	BOSCH GMBH ROBERT [DE]	Management system for operating a wind energy plant and method using the management system

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CN202228275U U 20120523	US20100837304 20100715	C07C211/65	SILBERLINE MFG COMPANY INC [US]	MANGANESE VANADIUM TANTALUM OXIDE AND PIGMENTS HAVING A BLACK METALLIC EFFECT COATED WITH THE SAME.
CN202228276U U 20120523	CN20101532824 20101030	B63B35/44; F03B13/14; F03D9/00	Wu Mingmao	Man-made sea island electricity generating platform
CN202228277U U 20120523	CN20101565091 20101130	F03D11/00	Harbin Jiancheng Group Co., Ltd.	Manual high-altitude locking mechanism
CN202228278U U 20120523	KR20100093098 20100927	F03D11/00; F03D1/06; F03D3/06	LEE DAL EUN [KR]	MANUFACTURING METHOD AND ROTOR BLADE USING LIFT FORCE AND DRAG FOR WIND TURBINE
CN202228279U U 20120523	US20070775692 20070710; US20060806836P 20060710; US20060828957P 20061010	F03B13/14; F03B13/10; F03D9/00	ROE JUSTIN C [US]; YOUNT MICHAEL H [US]	MARINE ENERGY HYBRID
CN202228280U U 20120523	CN20112114823U 20110419	A01G9/14; A01G9/26; F03D9/00	YANGOU ZHOU	Marine floating sunlight greenhouse with power supply device of wind power generation system
CN202228281U U 20120523	CN20112417249U 20111027	F03D9/00; F03B13/26	Jingneng Wind Power Technology Engineering (Shanghai) Co., Ltd.	Marine generating system using wind power and tidal current in complementary mode
CN202228282U U 20120523	FR20090054882 20090715; WO2010FR51222 20100618	F03D7/02; F03D1/00	TOSELLO ANDRE [FR]	Marine Wind Turbine Having a Pylon Vertically Adjusted by Setting
CN202228283U U 20120523	WO2010CN01034 20100712	F03D9/00; B63B35/44	JLANGSU DAODA OFFSHORE WIND CONSTRUCTION TECHNOLOGY CO LTD [CN]	MARINE WIND TURBINE WHOLE MACHINE

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CN202228284U U 20120523	WO2011PE00002 20110218	F03D7/02; F03B13/26; F03B17/06; F03D1/02; F03D1/06	SAAVEDRA PACHECO PEDRO [PE]	MARINE WIND TURBINE WITH EXTENDABLE BLADES
CN202228285U U 20120523	AT20100000665U 20101028	E02D27/42; E04H12/22; F03D1/00	ALPINE EN OESTERREICH GMBH [AT]	Mast
CN202229158U U 20120523	US20090178682P 20090515; WO2010CA00719 20100514	E04H12/00; B66F1/02; B66F3/30; B66F19/00; E04H12/34; F03D11/04	REDRIVEN POWER INC [CA]	Mast assembly for wind turbine
CN202229283U U 20120523	DE201010037706 20100922	F03D11/04	VOIT LORENZ [DE]	Mast for supporting rotor of wind turbine, has mast main structure whose flexural rigidity is greater along direction perpendicular to longitudinal axis of the mast main structure
CN202229427U U 20120523	CN20111282283 20110922	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Master control device for human-computer interface
CN202230609U U 20120523	DE200720003842U 20070315; WO2008EP01848 20080307	F03D1/00	MECAL APPLIED MECHANICS B V [NL]	MASTIL PARA UNA TURBINA EOLICA.
CN202230686U U 20120523	CN20111240634 20110819	F03D11/00	Tianjin University	Mast-shaped tower used for wind power generation
CN202230687U U 20120523	GB20100018080 20101026	H01Q17/00; F03D11/00; F41H3/00	VESTAS WIND SYS AS [DK]	Material with radar absorbing circuit analogue elements for surface application to a wind turbine component
CN202230712U U 20120523	CN20112341522U 20110913	F03D7/00	Liaoning Lixun Wind Power Co., Ltd.	Maximum power tracking device for off-grid type wind owe generation system
CN202235040U U 20120530	CN20111167505 20110621	F03D7/00	Beijing Jiaotong University	Maximum power tracking method of large directly-driven wind turbine

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CN202243039U U 20120530	EP20100173580 20100820	G01R27/02; F03D1/06; F03D11/00; H02G13/00	SIEMENS AG [DE]	MEASURING SYSTEM FOR A DOWN CONDUCTOR OF A WIND TURBINE BLADE
CN202245670U U 20120530	ES20100000697 20100528	F03D3/00; F03D3/06	FUENTES DEL VALLE VICTOR [ES]	MECANISMO DE POSICIONAMIENTO DE LAS PALAS DE UN SISTEMA DE CAPTACION DE ENERGIA DE UN FLUJO PARA TRANSFORMACION EN ENERGIA CINETICA DE ROTACION SOBRE EJE PERPENDICULAR AL FLUJO
CN202247741U U 20120530	CN20101274856 20100906	H02P9/48; F03D9/02; F16H1/16	GAO ZEHANG [CN]	MECHANICAL ROTARY SPEED CONTROL DEVICE AND WIND POWER GENERATION APPARATUS
CN202247742U U 20120530	CN20101574207 20101206	F16H21/50; F03D11/00	Beijing Fusheng Quanchuang Technology Co.,Ltd.	Mechanical structure of three-dimensional crank slide block
CN202248972U U 20120530	CN20102539726U 20100925	G08G1/095; F03D9/00	Xin Jiang University;Xinjiang Zhengyang Traffic Planning Design Institute (Co., Ltd.)	Mechanical traffic signal machine
CN202249002U U 20120530	US20100923025 20101018	F03D9/00	PIVA LENA JOHN [CA]	Mechanically producing wind power to operate turbines
CN202249120U U 20120530	CN20111411111 20111212	F03D9/02; F03D7/04	UNIV SHANDONG	Mechanically-coupled mini-type hybrid wind power generating system capable of storing energy in form of compressed air
CN202249962U U 20120530	DE201120105676U 20110914	F03D11/00	HEINRICH STEPHAN [DE]	mechanische Blattenteisung für Windkraftanlagen
CN202249979U U 20120530	IN2010CH02000 20100910	F03D7/06; F03D3/06	V RAJAGOPAL RAGHUNATHAN [IN]	MECHANISM FOR BLADE PITCH CONTROL FOR WIND TURBINE
CN202250591U U 20120530	KR20100125056 20101208	F03D9/00; F03D3/02; F03D3/04	KOREA ENERGY RESEARCH INST [KR]	MEDIAN STRIP ESTABLISHMENT TYPE OF WIND FORCE DEVELOPMENT SYSTEM

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CN202250592U U 20120530	NL20011017946 20010426; NL20011018109 20010518; NL20011018110 20010518; WO2002NL00283 20020426	E02D27/52; B63B21/27; B63B21/50; F03D1/00; F03D11/04	SUCTION PILE TECHNOLOGY B V [NL]	MEERESBAUWERK
CN202250593U U 20120530	RU20110106392 20110222	F03D3/00	GUBANOV ALEKSANDR VLADIMIROVICH [RU]	MEGABYTE WIND-POWER UNIT
CN202250594U U 20120530	CN20112253160U 20110718	F03D11/00	YONGJI XINSHISU ELECTRIC EQUIP	Mega-watt empty air-cooling double-fed wind generating set cabin with maintenance platform
CN202250595U U 20120530	CN20112297721U 20110816	F03D9/00; F03D11/00; H02K9/04	WUXI AEROSPACE WANYUAN XINDALI MOTOR CO LTD; BEIJING WANYUAN INDUSTRY CO LTD	Megawatt grade external electric excitation direct driving wind driven generator
CN202250596U U 20120530	CN20121009371 20120112	F03D7/00	SANY ELECTRIC CO LTD [CN]	Megawatt wind driven generator set as well as control method and control system thereof
CN202250597U U 20120530	CN20111352607 20111110	F03D11/00; B32B33/00	Luoyang Sunrui Wind Turbine Blade Ltd.	Megawatt-grade wind generating set blade capable of carrying out photovoltaic power generation and manufacturing method
CN202250598U U 20120530	CN20101591108 20101210	F16H48/06; F03D11/02; F16H48/38; F16H48/42	SHENGZHEN WU	Megawatt-level closed planet differential motion wind power speed increasing box
CN202250599U U 20120530	CN20111339278 20111101	F03D11/00; H01R39/64	China National Petroleum Corporation;Liaohe Petroleum Exploration Bureau	Megawatt-level fan pitch-variable sliding lightning guiding device
CN202250600U U 20120530	FI20100006376 20101228	F03D1/00B; F03D11/04; F03D11/04B	EASYWIND OY [FI]	Menetelmä ja laitteisto tuulivoimalan asentamiseksi korkeaan perustusrakennelmaan

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CN202250601U U 20120530	DE201010050477 20101104	E21B17/00; F03D11/04; F16L9/14	FACHHOCHSCHULE KIEL [DE]	Metal pipe for pillar for offshore wind turbine, has tubular pipe wall elements which are stuck together in parallel by using tubular fiber-reinforced plastic elements
CN202250602U U 20120530	DE201010060663 20101118	G01P5/00; F03D11/00; G01S13/95; G01S15/02; G01S17/95; G01W1/00; G01W1/11	SSB WIND SYSTEMS GMBH & CO KG [DE]	Meteorologische Messanordnung
CN202250603U U 20120530	US201113173633 20110630	F03D9/00	GEN ELECTRIC [US]	METHOD AND APPARATUS FOR A SUPERCONDUCTING DIRECT CURRENT GENERATOR DRIVEN BY A WIND TURBINE
CN202250604U U 20120530	US201113230202 20110912; US20100382031P 20100913	F03D9/00; F03D9/02; F03D11/00	ZELONY JAMES C [US]	METHOD AND APPARATUS FOR COMPRESSED GAS ENERGY STORAGE IN OFFSHORE WIND FARMS
CN202250605U U 20120530	US201113116443 20110526	F03D7/04	HAAG CHRISTIAN [SE]; AXELSSON ULF [SE]; BJORK MIKAEL [SE]; SCHULTEN CHRISTOPH [DE]; TORBOHM GERT [DE]	METHOD AND APPARATUS FOR CONTROL OF ASYMMETRIC LOADING OF A WIND TURBINE
CN202250606U U 20120530	US20100869522 20100826	F03D7/00; F03D7/02; F03D7/04; F03D9/00; H02P9/10; H02P9/48	GEN ELECTRIC [US]	Method and apparatus for controlling wind turbine electric power generation
CN202250607U U 20120530	DK20110070326 20110624	B21D3/16; B25B5/14; E04H12/08; F03D11/04	VESTAS WIND SYS AS [DK]	METHOD AND APPARATUS FOR CORRECTING OVALITY IN WIND TURBINE TOWERS

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CN202250608U U 20120530	GB20100009012 20100528	F03D9/00	ARTEMIS INTELLIGENT POWER LTD [GB]	METHOD AND APPARATUS FOR EXTRACTING ENERGY FROM A FLUCTUATING ENERGY FLOW FROM A RENEWABLE ENERGY SOURCE
CN202250609U U 20120530	WO2011EP58865 20110530; GB20100009013 20100528	F03D9/00	ARTEMIS INTELLIGENT POWER LTD [GB]	METHOD AND APPARATUS FOR EXTRACTING ENERGY FROM A FLUCTUATING ENERGY FLOW FROM A RENEWABLE ENERGY SOURCE
CN202250610U U 20120530	CN20101500506 20100930	F03D7/02	SINOVEL WIND GROUP CO LTD [CN]	METHOD AND APPARATUS FOR JUDGING AN UNNECESSARY WINDWARD CONDITION AND METHOD AND SYSTEM FOR TRACKING WIND
CN202250611U U 20120530	US20100961722 20101207	F03D1/06	GEN ELECTRIC [US]	Method and apparatus for mounting a rotor blade on a wind turbine
CN202250612U U 20120530	US20100971969 20101217	B29C33/30; B29C33/00	GEN ELECTRIC [US]	Method and apparatus for producing a rotor blade
CN202250613U U 20120530	DE201010026371 20100707	F03D7/04	BOSCH GMBH ROBERT [DE]; HESS FELIX [DE]; VOSS MARTIN [DE]; BUCHTALA BORIS [DE]	METHOD AND APPARATUS FOR PROVIDING A PITCH ANGLE CORRECTION SIGNAL FOR AT LEAST ONE ROTOR BLADE OF A WIND POWER INSTALLATION
CN202250614U U 20120530	US201113240740 20110922; US20100385667P 20100923	H02K9/06; F03D9/00; H02K9/02	NORTHERN POWER SYSTEMS INC [US]	Method and Apparatus for Rotor Cooling in an Electromechanical Machine
CN202250615U U 20120530	GB20090005663 20090401	E02B17/02; E02D13/04; E02D27/52; F03D1/00	MARINE CURRENT TURBINES LTD [GB]	METHOD AND APPARATUS FOR THE INSTALLATION OF COLUMNS/PILES
CN202250616U U 20120530	US201013389173 20100830; US20090240893P 20090909; WO2010US47150 20100830	E04H12/34; B66C23/32	NAT OILWELL VARCO LP [US]	METHOD AND APPARATUS FOR WIND TURBINE ERECTION

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CN202250617U U 20120530	FI20100005949 20100916	E02D27/42; F03D11/04	PEIKKO GROUP OY [FI]; TUOMINEN KARI [FI]	METHOD AND ARRANGEMENT FOR ATTACHING A TOWER-LIKE STRUCTURE TO A FOUNDATION
CN202250618U U 20120530	EP20080012871 20080716	F03D7/02	SIEMENS AG [DE]	Method and arrangement for damping of tower-oscillations
CN202250619U U 20120530	WO2010SE51041 20100928	B64D15/16; F03D1/06; F03D3/06; F03D11/00	SAAB AB [SE]; FIGUEROA-KARLSTROEM EDUARDO [SE]	METHOD AND ARRANGEMENT FOR DE-ICING A STRUCTURAL ELEMENT
CN202250620U U 20120530	EP20100190002 20101104	B29C41/08; F03D11/00	SIEMENS AG [DE]	METHOD AND ARRANGEMENT TO MANUFACTURE A BLADE
CN202250621U U 20120530	WO2009EP02230 20090326	F03D7/02; H02P3/22	POWERWIND GMBH [DE]	METHOD AND CIRCUIT CONFIGURATION FOR OPERATING A WIND POWER PLANT ON AN ELECTRICAL SUPPLY GRID
CN202250622U U 20120530	US20100906343 20101018	F03D9/00	GURUSWAMY SIVARAMAN [US]; NAIR BALAKRISHNAN [US]	METHOD AND DEVICE FOR ENERGY GENERATION
CN202250623U U 20120530	US20100901387 20101008	F03D9/00	NAIR BALAKRISHNAN [US]; NACHLAS JESSE ALAN [US]; GURUSWAMY SIVARAMAN [US]	METHOD AND DEVICE FOR ENERGY GENERATION
CN202250624U U 20120530	US201113232678 20110914; US20100901398 20101008; US20090618560 20091113; US20090227706P 20090722	F03D9/00	GURUSWAMY SIVARAMAN [US]; NAIR BALAKRISHNAN [US]; NACHLAS JESSE ALAN [US]	METHOD AND DEVICE FOR ENERGY GENERATION
CN202250625U U 20120530	DE201010027498 20100716	F03D1/00; F03D11/00; H02G5/00	FLYTEG GMBH & CO KG [DE]; WIECHERS JOERG [DE]	METHOD AND DEVICE FOR HANDLING, IN PARTICULAR FOR REPAIRING OR REPLACING, BUSBARS ON WIND POWER PLANTS

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CN202250626U U 20120530	DE201010027229 20100715	F03D7/04	BOSCH GMBH ROBERT [DE]; HESS FELIX [DE]; VOSS MARTIN [DE]; BUCHTALA BORIS [DE]; EITNER CHRISTIAN [DE]	METHOD AND DEVICE FOR MAKING AN ANGLE OF ATTACK CORRECTION SIGNAL AVAILABLE FOR A PREDETERMINED ROTOR BLADE OF A WIND TURBINE
CN202250627U U 20120530	DE200910031017 20090629; WO2010EP58930 20100623	G01R19/25	ALOYS WOBLEN [DE]	METHOD AND DEVICE FOR MONITORING THE STATE OF A NETWORK.
CN202250628U U 20120530	DE200910034114 20090720; DE201010010297 20100304; WO2010EP04192 20100709	F03D1/00	WADER WITTIS GMBH [DE]	METHOD AND DEVICE FOR TRANSPORTING AND FOR ASSEMBLING WIND TURBINES
CN202250629U U 20120530	CN20101562062 20101122	F03D11/00; F01D5/12; F03B3/12	He Rencheng	Method and device for utilizing fluid to drive rotor
CN202250630U U 20120530	FR20100057756 20100927	F03B13/06; F03D9/02	NATURE AND PEOPLE FIRST [FR]; PAYRE DENIS [FR]; PISTERMAN PIERRE [FR]; PISTERMAN PATRICE [FR]	METHOD AND FACILITY FOR PRODUCING BACKUP ELECTRICAL POWER
CN202250631U U 20120530	JP20100209107 20100917	F03D1/06; F03D11/00	FUJI HEAVY IND LTD [JP]	METHOD AND FIXTURE FOR LIFTING BLADES OF WIND POWER GENERATOR
CN202250632U U 20120530	US20100872581 20100831	F03D9/00; F03D9/02	VESTAS WIND SYS AS [DK]; HOFFMAN JASON [US]; ZHANG JIANHUI [US]; VIASSOLO DANIEL [US]	METHOD AND IMPLEMENTATION OF A FAST REAL-TIME ESTIMATOR FOR REMAINING BATTERY LIFE FOR WIND ENERGY APPLICATIONS

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
CN202250633U U 20120530	WO2010EP52801 20100305; EP20090154539 20090306; EP20100706269 20100305	B29C70/38; B29C70/48; F03D1/06	LM GLASFIBER AS [DK]	METHOD AND MANUFACTURING LINE FOR MANUFACTURING WIND TURBINE BLADES
CN202250634U U 20120530	WO2010 RU00469 20100826	F03D1/00; F03D1/06; F03D9/02	ALTERNATIVE ENERGY RES COMPANY LTD [BG]; URSU ION GEORGIEVICH [RO]; POTAPOV YURIY SEMENOVICH [RU]	METHOD AND SOLAR-POWERED WIND PLANT FOR PRODUCING ELECTRIC POWER
CN202250635U U 20120530	EP20100173530 20100820	H02M1/32; F03D1/00; G01K3/04	SIEMENS AG [DE]; KRUG FLORIAN [DE]	METHOD AND SYSTEM FOR ADAPTING THE LOAD ON AN ELECTRICAL AND/OR ELECTRONIC COMPONENT IN A WIND TURBINE
CN202250636U U 20120530	EP20100188030 20101019	F03D7/00; H02K7/18; H02P9/04	SIEMENS AG [DE]	METHOD AND SYSTEM FOR ADJUSTING A POWER PARAMETER OF A WIND TURBINE
CN202250637U U 20120530	US201113270441 20111011	H02P9/04	GEN ELECTRIC [US]	METHOD AND SYSTEM FOR CONTROL OF WIND TURBINES
CN202250638U U 20120530	KR20110125383 20111128	H02J3/04; F03D11/00; H02J3/06		Method and system for controlling an electric device of a wind turbine
CN202250639U U 20120530	EP20100192749 20101126	H02J11/00; F03D7/00	SIEMENS AG [DE]	METHOD AND SYSTEM FOR CONTROLLING AN ELECTRIC DEVICE OF A WIND TURBINE
CN202250640U U 20120530	US20100868280 20100825	F03D7/02; F03D7/04	GEN ELECTRIC [US]	Method and system for controlling wind turbine rotational speed
CN202250641U U 20120530	US201113288278 20111103	F03D7/04; F03D1/00	GEN ELECTRIC [US]	METHOD AND SYSTEM FOR DEICING WIND TURBINE ROTOR BLADES WITH INDUCED TORQUE

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CN202250642U U 20120530	US20100370865P 20100805; WO2011CA00510 20110503	F03D5/00; F03D9/02	CROSSWIND POWER SYSTEMS INC [CA]	METHOD AND SYSTEM FOR HARNESSING WIND ENERGY USING A TETHERED AIRFOIL
CN202250643U U 20120530	US201113240779 20110922; US20100385703P 20100923	F03D1/00; F03D9/00; H02K7/18; H02K15/00	NORTHERN POWER SYSTEMS INC [US]; BENEDICT ERIC L [US]	METHOD AND SYSTEM FOR MAINTAINING A MACHINE HAVING A ROTOR AND A STATOR
CN202250644U U 20120530	US20100359413P 20100629; DK20100070298 20100629	F03D9/00; F03D7/04; F03D11/00; G01R19/25; G01R23/165; G01R23/20; G01R27/16; G01R31/02; H02J3/01; H02J3/38	VESTAS WIND SYS AS [DK]; TUMABCAO MICHAEL CASEM [SG]; LOH TZE YEN [SG]; POON RUO LING PHOEBE [SG]; LUO XUE WEN [SG]; ANG ZHI YOONG [SG]; ONG MENG CHUAN KEVIN [SG]	METHOD AND SYSTEM FOR MONITORING STRUCTURAL HEALTH OF A FILTER IN A WIND TURBINE, AND A WIND TURBINE
CN202250648U U 20120530	WO2010CN01798 20101110	F03D7/04	GEN ELECTRIC [US]; GAO MENG [CN]; MA CHENG [CN]	METHOD AND SYSTEM FOR OPERATING WIND TURBINE DURING FAULT
CN202251558U U 20120530	EP20090160250 20090514	F03D7/02	ALSTOM WIND S L U [ES]	METHOD AND SYSTEM FOR PREDICTING THE OCCURRENCE OF A WIND GUST AT A WIND TURBINE
CN202251649U U 20120530	US20100840427 20100721	F03D7/02; F03D7/04	CLIPPER WINDPOWER INC [US]	Method and system for redundant turbine control

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CN202251650U U 20120530	US201113334999 20111222; DK20070001683 20071126; US20100744166 20100521; WO2008DK00419 20081126; US20070990191P 20071126	F03D11/00; F03D7/04	VESTAS WIND SYS AS [DK]	METHOD AND SYSTEM FOR REGISTERING EVENTS IN WIND TURBINES OF A WIND POWER SYSTEM
CN202251880U U 20120530	US201113240756 20110922; US20100385722P 20100923	F03D1/00	NORTHERN POWER SYSTEMS INC [US]; BYWATERS GARRETT L [US]; COLE TREVOR H [US]; OLSEN ADAM R [US]	METHOD AND SYSTEM FOR SERVICING A HORIZONTAL-AXIS WIND POWER UNIT
CN202251903U U 20120530	US20100825496 20100629	G06F9/445; F03D7/00	GEN ELECTRIC [US]	Method and system for software update of wind energy hardware components
CN202252774U U 20120530	WO2010US41492 20100709; US20090533268 20090731	G01R31/28; F03D1/00; H02B1/52	Siemens Energy Inc	Method And System For Testing Yawing System For Wind Turbine
CN202253482U U 20120530	US20100824516 20100628	G01V9/00; F03D7/04	GE Wind Energy GmbH	Method and system for utilizing rotorspeed acceleration to detect asymmetric icing
CN202254046U U 20120530	US20100790130 20100528	F03D7/04; G01M1/14	GEN ELECTRIC [US]	Method and system for validating wind turbine
CN202254437U U 20120530	NL20102005400 20100927	F03D7/04; F03D11/00	STICHTING ENERGIE [NL]	METHOD AND SYSTEM FOR WIND GUST DETECTION IN A WIND TURBINE.
CN202254438U U 20120530	US201113021056 20110204	G01D21/00	GEN ELECTRIC [US]	METHOD AND SYSTEM FOR WIND TURBINE INSPECTION

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CN202257944U U 20120530	US201013384555 20100526; US20090226950P 20090720; WO2010US36119 20100526	F03D9/00	WINDPIPE CORP [US]	Method and System of Extracting Energy from Wind
CN202258185U U 20120530	US20100421230P 20101209	F03D11/00; B64C21/02; F03D1/06; F03D3/06; F03D11/02	UNIV RAMOT [IL]; SEIFERT AVRAHAM [IL]; AVNAIM MAOR HAI [IL]	METHOD AND SYSTEM OF PROVIDING FLUID FLOW FOR A ROTOR
CN202258186U U 20120530	CN20111247806 20110824	F03D7/00	GUODIAN UNITED POWER TECH CO	Method for acquiring optimal control input of wind generating set
CN202258187U U 20120530	DE201010035055 20100821	F03D7/02; F03D1/06	BOSCH GMBH ROBERT [DE]	Method for adjusting angle of incidence of rotor blade of wind power plant, involves determining controller-based control value based on deviation of angle of incidence of rotor blade with respect to target value
CN202258192U U 20120530	EP20080016398 20080917	F03D7/02; G01P5/02; G01P13/02	SIEMENS AG [DE]	Method for aligning a component into a wind direction and sensor for determining misalignment of the component relative to a wind direction
CN202260139U U 20120530	CN20111305091 20110929	F03D11/04	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Method for assembling impeller of wind power generator unit
CN202260712U U 20120530	DE201010050280 20101102	F03D7/02	NORDEX ENERGY GMBH [DE]	Method for automatically starting a wind energy assembly and wind energy assembly for performing the method
CN202266041U U 20120606	SE20090050359 20090520; WO2010EP56634 20100513	F03D7/04; F03D7/02	GE WIND ENERGY NORWAY AS [NO]	Method for balancing a wind turbine
CN202266119U U 20120606	WO2009EP62192 20090921	F03D7/00; G01M1/28;	SIEMENS AG [DE]	Method for balancing rotor mounted on hub of wind turbine

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		G01M1/36		
CN202266370U U 20120606	US201013148780 20100209; US20090151367P 20090210; WO2010US23613 20100209	F03D7/06; H02P9/04	UNIV WEST VIRGINIA [US]	METHOD FOR CIRCULATION CONTROLLED VERTICAL AXIS AND TURBINES
CN202266371U U 20120606	ES20100001403 20101029	F03D11/00; B08B9/00	SERVICIOS DE INGENIERIA Y MONTAJE ALEN S L [ES]; CASAS TOJO CASTOR [ES]	METHOD FOR CLEANING WIND-TURBINE BLADES
CN202266372U U 20120606	CN20101502193 20101011	F03D9/00	Jia Shan	Method for combined application of novel rotary piston gas/liquid pump and wind energy linkage transmission technology
CN202266373U U 20120606	DE201010063396 20101217	F03D7/00	SIEMENS AG [DE]	Method for compensating inadmissible high winds in wind park, involves detecting wind speed and wind direction at wind energy plants by sensors
CN202266374U U 20120606	DE201110002944 20110120; DE201010041807 20100930	B23K9/02; B23K9/028; F03D11/04	SIEMENS AG [DE]; GUNZELMANN KARL-HEINZ [DE]; HANEUTH HENNING [DE]; SCHNEIDER HEINZ-INGO [DE]	METHOD FOR CONNECTING A PLURALITY OF CYLINDRICAL ELEMENTS OF THE TOWER OF A WIND POWER PLANT
CN202266375U U 20120606	DE201010041807 20100930	E04H12/08; B23K9/02; F03D11/04	SIEMENS AG [DE]	Method for connecting hollow cylindrical elements of tower of wind-power plant e.g. wind turbine, involves forming circumferential gap between cylindrical elements to connect cylindrical elements that are welded together at end faces
CN202266376U U 20120606	EP20020730152 20020412; DE20011019625 20010420	F03D7/00; B60H1/32; F03D9/00; F03D9/02; F03D11/00;	WOBBEN ALOYS [DE]	Method for controlling a wind energy plant

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		G05D22/02; H02P9/00		
CN202266377U U 20120606	DE200910026372 20090814	F03D7/02; F03D1/00; F03D1/06; F03D7/04	SSB WIND SYSTEMS GMBH & AMP CO KG [DE]	METHOD FOR CONTROLLING A WIND POWER PLANT
CN202266378U U 20120606	US20100973466 20101220	F03D11/00; F03D7/04	GEN ELECTRIC [US]	Method for controlling a wind turbine, and wind turbine arrangement
CN202266379U U 20120606	ES20090030586 20090810; WO2010ES70539 20100804	H02J3/00	INGETEM TECHNOLOGY S A [ES]	METHOD FOR CONTROLLING AN ENERGY CONVERSION SYSTEM
CN202266380U U 20120606	DE200910026407 20090520	B64F1/20; F03D11/00; F03D11/04	WOBLEN ALOYS [DE]	METHOD FOR CONTROLLING AN OBSTRUCTION LIGHT
CN202266602U U 20120606	CN20111287693 20110926	F03D7/06	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Method for controlling blade automatically-opening/closing device of vertical-axis wind-driven generator wind wheel
CN202268137U U 20120606	CN20111266002 20110908	F03D7/00; H02J3/00; H02P9/00	Tianjin University of Technology	Method for controlling dynamic bifurcation of wind driven generator based on nonlinear feedback control
CN202269197U U 20120613	DE201010026244 20100703	F03D7/00	FALKENHAGEN JOACHIM [DE]	Method for controlling e.g. rotor rotation of wind turbine in large wind farm, involves programming appropriate control system such that renouncement of yielding potential is performed as function of wind direction and position of turbine
CN202271860U U 20120613	DE200710022705 20070515; WO2008EP55186 20080428	F03D7/04; F03D9/00	SIEMENS AG [DE]	Method for controlling individual turbines of a wind farm to maximise the total power output of the farm

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CN202273805U U 20120613	CN20101215620 20100629	F03D7/00	Shanghai SPN Technology Co., Ltd.	Method for controlling variable-pitch system of wind-driven generator
CN202273806U U 20120613	JP20100261942 20101125	F03D7/06	HIRAI SEKKEI JIMUSHO KK	METHOD FOR CONTROLLING WINDMILL BLADE
CN202273807U U 20120613	DK20100070497 20101118; US20100415378P 20101119	F03D1/00; B66C1/10	VESTAS WIND SYS AS [DK]; HVID NIELSEN KENNET [DK]	METHOD FOR CRANELESS WIND TURBINE BLADE HANDLING VIA A TURBINE HUB
CN202273809U U 20120613	DE201010037695 20100921	F03D11/00	FAHRNER FRITZ [DE]	Method for deceleration of wind energy plant, involves performing actuation of holding brake by servo motor so as to hold position of rotor blade during emergency
CN202273810U U 20120613	EP20100382230 20100813	F03D1/06; F03D11/00; G01B11/16; G01B11/27	ALSTOM WIND S L U [ES]	Method for determining defects in a wind turbine blade root attachment
CN202273811U U 20120613	DE201010044083 20101117	F03D7/02; F03D11/00	SUZLON ENERGY GMBH [DE]; SCHULZ MICHAEL [DE]; IBENDORF INGO [DE]	METHOD FOR DETERMINING OPERATIONAL STATES OF A WIND TURBINE
CN202273812U U 20120613	DE200910019709 20090505	F03D11/04; E04H12/12	WOBLEN ALOYS [DE]	METHOD FOR ERECTING A TOWER, AND TOWER
CN202273813U U 20120613	DE200910025819 20090517; WO2010EP55984 20100503	F03D7/00; G01R31/12; G01R31/36	SSB WIND SYSTEMS GMBH & CO KG [DE]	METHOD FOR EXAMINING AN ELECTRIC ENERGY ACCUMULATOR
CN202273814U U 20120613	EA20110000270 20110225	F03D1/02; F03D9/00; F03G7/10	KALININ VSEVOLOD DMITRIEVICH [RU]; KALININA LYUDMILA BORISOVNA [RU]; KRIULIN YURY VALENTINOVICH [RU]	METHOD FOR GENERATING ELECTRIC POWER AND AERODYNAMIC POWER PLANT THEREFOR

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CN202273815U U 20120613	CN20111341674 20111023	F03D9/02; F03D3/06	Liang Jialin	Method for generating electricity by utilizing waste wind power by backstroke wind wheel power generation devices in traffic system
CN202273816U U 20120613	CN20111276744 20110917; CN20111370288 20111104	F03D9/00	Liang Jialin	Method for generating electricity by utilizing wind power caused by cars running on expressway
CN202273817U U 20120613	JP20090170705 20090722; JP20090273385 20091201; JP20090273386 20091201; JP20090273387 20091201; JP20090273388 20091201; WO2010JP62248 20100721	F16C33/62; F03D11/00; F16C19/04; F16C33/58; H05B6/10	YUKI HIROSHI [JP]; OHKI CHIKARA [JP]	METHOD FOR HEAT-TREATING A RING-SHAPED MEMBER, METHOD FOR PRODUCING A RING-SHAPED MEMBER, RING-SHAPED MEMBER, BEARING RING, ROLLING BEARING, AND METHOD FOR PRODUCING A BEARING RING
CN202273819U U 20120613	WO2010JP51998 20100210	B66D1/00; F03D11/00	mitsubishi heavy ind ltd [JP]	METHOD FOR HOISTING AND LOWERING DEVICE IN ROTOR HEAD OF WIND TURBINE GENERATOR
CN202274041U U 20120613	CN20111227074 20110809	F03D9/02	North China Electric Power University	Method for improving energy storage density and energy storing device of wind-driven generator set

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CN202274068U U 20120613	CH20100001966 20101124	H01L41/113; F01D5/16	SZWEDOWICZ JAROSLAW LESZEK [CH]; KAPPIS WOLFGANG [CH]; PANNING LARS [DE]; SCHWARZENDAHL SEBASTIAN MARC [DE]; NEUBAUER MARCUS [DE]; HOHL ANDREAS [DE]; WALLASCHEK JOERG [DE]	METHOD FOR INFLUENCING, DAMPING, OR SUPPRESSING MECHANICAL VIBRATIONS OCCURRING DURING OPERATION IN A TURBOMACHINE BLADE, A TURBOMACHINE BLADE USEFUL FOR CARRYING OUT THE METHOD, AND A PIEZOELECTRIC DAMPING ELEMENT
CN202274270U U 20120613	NL20102005301 20100901	E02D7/28; E02B17/02; E02D27/42; E02D27/52; E21B7/20; F03D11/04	BALLAST NEDAM OFFSHORE B V [NL]; VAN LEEUWEN MARINUS TEUNIS JR [NL]	METHOD FOR INTRODUCING A HOLLOW ELONGATED STRUCTURE INTO A WATER BOTTOM
CN202276156U U 20120613	DK20100070477 20101109; US20100381285P 20100909	F03D1/06; F03D1/00	VESTAS WIND SYS AS [DK]; CHRISTENSEN BJARNE FINN JENSEN [DK]; SOERENSEN SIGNE BJERRE [DK]	METHOD FOR MAKING A WIND TURBINE BLADE INCLUDING DETERMINING THE THICKNESS OF A WIND TURBINE BLADE COMPONENT
CN202280510U U 20120620	EP20100154877 20100226	F03D11/00; H02K1/12; H02K1/16; H02K3/04; H02K3/18; H02K15/04	SIEMENS AG [DE]	Method for manufacturing a stator for an energy converting apparatus with stator windings which increase in cross- sectional area radially outwards
CN202280570U U 20120620	EP20100187414 20101013	B29C63/28; B29D22/00; F03D11/00	SIEMENS AG [DE]	METHOD FOR MANUFACTURING A WIND TURBINE ROTOR BLADE
CN202280571U U 20120620	EP20100004076 20100416	F03D1/06; B29C33/50; B29C70/44; B29C70/48; B29C70/68;	SIEMENS AG [DE]	Method for manufacturing a wind turbine rotor blade by forming composite material around two moulding cores and after the blade has set removing the cores through openings in the blade

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		B29D99/00		
CN202280572U U 20120620	CN20101534788 20101108	F03D11/00	GUANGDONG TENFO ELECTRICAL GROUP CO LTD	Method for manufacturing wind power generator blades
CN202280573U U 20120620	US20100825688 20100629	F15B19/00; F03D9/00	GEN ELECTRIC [US]	Method for monitoring a component in a hydraulic circuit, monitoring device and fluid turbine
CN202280574U U 20120620	US20100826031 20100629	G01D3/08; F03D7/04	GEN ELECTRIC [US]	Method for monitoring a proximity sensor of a wind turbine
CN202280575U U 20120620	DE201010053523 20101204	F03D7/02	NORDEX ENERGY GMBH [DE]	Method for monitoring static and/or dynamic stability of wind turbine
CN202280576U U 20120620	WO2010EP01278 20100302; EP20090002955 20090302; EP20100712892 20100302	F03D9/00; G01H1/08	SUZLON ENERGY GMBH [DE]	METHOD FOR MONITORING WIND TURBINES
CN202280577U U 20120620	CN20101284092 20100916	F03D11/04	SHANGHAI QIMOU ENERGY TECHNOLOGY DEV CO LTD	Method for mounting wind driven generator on sea
CN202280578U U 20120620	DE201010054013 20101210	F03D7/02	NORDEX ENERGY GMBH [DE]	Method for operating a pitch controlled wind energy assembly
CN202280579U U 20120620	US20100411938P 20101110; DK20100070479 20101110	F03D9/00	VESTAS WIND SYS AS [DK]; GUPTA AMIT KUMAR [SG]; NIELSEN JOHN GODSK [DK]; YANG LIANG [SG]	METHOD FOR OPERATING A POWER GENERATION SYSTEM
CN202280580U U 20120620	DE200710052863 20071102	F03D7/02; F03D7/04	REPOWER SYSTEMS AG [DE]	Method for operating a wind farm
CN202280581U U 20120620	DE201010052565 20101125	F03D11/00	WOBLEN ALOYS [DE]; EDEN GEORG [DE]	METHOD FOR OPERATING A WIND POWER PLANT

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CN202280582U U 20120620	AU20120201020 20120222	F03D7/04; F03D9/00; H02J3/32; H02J3/38; H02J3/42; H02P9/00	WOBLEN ALOYS [DE]	Method for operating a wind turbine
CN202280583U U 20120620	WO2010EP53760 20100323; DE200910014012 20090323	F03D9/00; H02J3/04; H02J3/06; H02J3/38; H02P9/10	WOBLEN ALOYS [DE]	METHOD FOR OPERATING A WIND TURBINE
CN202280584U U 20120620	DE200910027981 20090723; WO2010EP60759 20100723	H02P9/10	SUZLON ENERGY GMBH [DE]	Method for operating a wind turbine and wind turbine suited therefor
CN202280585U U 20120620	US201113313192 20111207; US20090613079 20091105	F03D7/04	HAANS WOUTER [NL]; NIES JACOB JOHANNES [NL]	METHOD FOR OPERATING A WIND TURBINE WITH REDUCED BLADE FOULING
CN202280586U U 20120620	US20100826023 20100629	H02K3/28; F03D7/00	General Electric Company	Method for operating a wind turbine, coil arrangement for an electric machine and controller for a wind turbine
CN202280948U U 20120620	US20100827351 20100630	H02P9/32; F03D7/02; H02H7/06	GEN ELECTRIC [US]	Method for operating a wind turbine, method for determining the temperature of a permanent magnet and controller for a wind turbine
CN202280995U U 20120620	DE20011048225 20010928	F03D7/02; F03D7/04; B63H1/06; F03D7/00; F03D9/00; H02J3/38; H02P9/00	WOBLEN ALOYS [DE]	METHOD FOR OPERATING WIND PARK

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CN202281397U U 20120620	WO2009NO00436 20091216; NO20080005321 20081219	H02J3/18; F03D9/00; H02J3/38; H02P9/42	Smartmotor AS	Method for operation of a permanent magnet synchronous machine, and a device in an electric system comprising such a machine
CN202284106U U 20120627	CN20111360593 20111115	C25B1/06; F03D9/00	SHENYANG CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Method for preparing hydrogen by using wind energy
CN202284108U U 20120627	US201113306926 20111129	F03D7/00	AXELSSON ULF [SE]; HAAG CHRISTIAN [SE]; BJOERK MIKAEL [SE]; NIES JACOB JOHANNES [NL]	METHOD FOR PREVENTING ROTOR OVERSPEED OF A WIND TURBINE
CN202284518U U 20120627	DE200910005957 20090123; WO2009EP65459 20091119	B23P11/00	LANGE DETLEF [DE]; RUPPRICH DIETER [DE]; BODENSTEIN KLAUS [CN]	METHOD FOR PRODUCING A MAGNETIC SYSTEM COMPRISING A POLE WHEEL
CN202284519U U 20120627	DE200410012974 20040317	F03D11/00; F03D1/00	W2E WIND TO ENERGY GMBH [DE]	Method for provisioning a winch on a wind energy plant and device for carrying out this method
CN202284520U U 20120627	EP20100008796 20100824	F03D7/04	FM BESITZ GMBH & CO KG [DE]; MITSCH FRANZ [DE]	METHOD FOR REDUCING VIBRATIONS IN A WIND TURBINE
CN202284521U U 20120627	EP20100194150 20101208	F03D7/00; F03D11/00; G05D19/00; H02K5/24	SIEMENS AG [DE]	METHOD FOR REDUCING VIBRATIONS OF A WIND TURBINE AND CONTROL SYSTEM FOR REDUCING VIBRATIONS
CN202284522U U 20120627	CN20111454071 20111230	F03D9/00; F03D7/00; H02J3/38	Beijing Guodian Sida Technology Co., Ltd.	Method for regulating active power of wind power field
CN202284523U U 20120627	DE201010044433 20100906	F03D7/04	NORDEX ENERGY GMBH [DE]	Method for regulating the rotational speed of a wind turbine
CN202284524U U 20120627	KR20100110067 20101105	B63B27/14; B63B35/44; F03D9/00; F03D11/00	DAEWOO SHIPBUILDING & MARINE [KR]	METHOD FOR SHIPPING AND ON/OFF LOADING OF WIND TURBINE

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CN202284525U U 20120627	US201113282631 20111027	F03D7/04	GEN ELECTRIC [US]	METHOD FOR SHUT DOWN OF A WIND TURBINE HAVING ROTOR BLADES WITH FAIL-SAFE AIR BRAKES
CU23766 A3 20120215	CN20111164027 20110617	C01D3/06; C02F1/14; F03D9/00; H02N6/00	Feng Jing	Method for sunning slat and generating power by using solar energy and wind energy
CZ23712U U1 20120502	DE201010047230 20101004; DE201010049423 20101023	G01R31/00; F03D7/00; F03D11/00; G01R31/02; G01R31/34; G01R31/40	CONVERTEAM GMBH [DE]	Method for testing asynchronous generator connected to electrical power supply network in wind power plant, involves connecting series circuits parallel to each other, coupling coils and switches with connection point, and closing switches
CZ23715U U1 20120502	DE200910003843 20090428	F03D7/02	SSB WIND SYSTEMS GMBH & AMP CO KG [DE]	METHOD FOR THE OPERATION OF A ROTOR BLADE ADJUSTMENT DRIVE
CZ303151 B6 20120502	DE200910018343 20090423; DE200910030172 20090624	E02D27/42; F03D11/00	IAG MAGNUM GMBH [DE]	METHOD FOR THE PRODUCTION OF EXTRA HEAVY PIPE JOINTS, PREFERABLY FOR OFF-SHORE WIND ENERGY PLANTS
DE102010017699 A1 20120105	DE201010017699 20100701	F03D7/00; F03D11/00	POWERWIND GMBH [DE]	Method for transferring heat between location lying inside wind energy plant and factory building outside plant for producing electrical power, involves withdrawing waste heat at location, and using withdrawn waste heat as useful heat
DE102010017749 A1 20120105	NO20090002792 20090731; WO2010NO00293 20100729	F03D11/04; E02B17/04	UNI I STAVANGER [NO]	METHOD OF ANCHORING A FLOATING WIND TURBINE AND ALSO A SYSTEM FOR USE DURING PRACTICE OF THE METHOD
DE102010026008 A1 20120105	US20100826800 20100630	B23K9/173; B23K26/06; B23K26/067; B23K26/14; B23K26/26;	GEN ELECTRIC [US]	Method of and apparatus for hybrid laser arc welding at least two workpieces with two laser beams

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		B23K28/02; F03D1/00		
DE102010026018 A1 20120308	US20100831680 20100707	B23K9/173; B23K26/06; B23K26/067; B23K26/14; B23K26/26; B23K28/02; F03D1/00	GEN ELECTRIC [US]	Method of and apparatus for welding at least two workpieces for hybrid laser arc welding
DE102010026244 A1 20120105	EP20100177991 20100921	G01H1/14; F03D11/00	SIEMENS AG [DE]	METHOD OF AND DEVICE FOR DETERMINING A COMMON BLADE FREQUENCY OF A ROTOR OF A WIND TURBINE, AND METHOD OF OPERATING A WIND TURBINE
DE102010026580 A1 20120112	EP20100179463 20100924	F03D7/00; F03D11/00	SIEMENS AG [DE]	METHOD OF AND DEVICE FOR DETERMINING A MASS CONDITION OF A ROTOR OF A WIND TURBINE, AND METHOD OF OPERATING A WIND TURBINE
DE102010026588 A1 20120112	DK20100070330 20100713	E04H12/08; E04H12/34; F03D11/04	ANDRESEN TOM [DK]	METHOD OF ASSEMBLING A TUBULAR BUILDING STRUCTURE BY USING SCREW SOCKETS
DE102010026649 A1 20120112	WO2010EP53215 20100312; EP20090155161 20090313; EP20100708214 20100312	F03D1/00; F03D11/04	XEMC DARWIND B V [NL]	METHOD OF CONSTRUCTING A WIND TURBINE AND BOTTOM TOWER SECTION OF WIND TURBINE
DE102010026706 A1 20120112	TW20100126695 20100811	G05D17/00; F03D7/00	KU FU-NENG [TW]	Method of controlling of variable inertial momentum and its apparatus
DE102010027003 A1 20120119	EP20100179461 20100924	H02K1/06; F03D9/00	SIEMENS AG [DE]	METHOD OF DETERMINING A MAGNET ARRANGEMENT

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DE102010030694 A1 20120105	EP20100173525 20100820	G01H17/00; F03D11/04; G01M7/02	SIEMENS AG [DE]	METHOD OF DETERMINING A PHASE VALUE OF A PHASE ASSOCIATED WITH AN OSCILLATORY TOWER MOVEMENT OF A TOWER OF A WIND TURBINE, DEVICE FOR DETERMINING A PHASE VALUE OF A PHASE ASSOCIATED WITH AN OSCILLATORY TOWER MOVEMENT OF A TOWER OF A WIND TURBINE, AND METH
DE102010032120 A1 20120126	US20100927182 20101109	F03D11/00	REMCO INTERNATIONAL INC [US]; RELIN ARKADI [US]	METHOD OF DYNAMIC ENERGY-SAVING SUPERCONDUCTIVE PROPELLER INTERACTION WITH A FLUID MEDIUM
DE102010032186 A1 20120126	CN20111137765 20110521	F03G6/06; F03D9/00	Zhang Weizhi	Method of forming hot air by using solar energy to generate power
DE102010032223 A1 20120126	PL20100392138 20100816	F03D11/04	MAJKOWSKI KLEMENS [PL]	Method of foundation for the offshore wind turbine
DE102010032676 A1 20120202	JP20100201374 20100823	B60L11/18; B60L8/00; F03D9/00	TANAKA TADANORI	METHOD OF GENERATING ELECTRIC POWER NEEDED FOR EV VEHICLE AND HYBRID VEHICLE CONTINUOUSLY BY ROTATING MOTOR OF GENERATOR OWING TO ENERGY GENERATED NATURALLY DURING TRAVELING
DE102010033563 A1 20120202	CN20111341668 20111023	F03D9/02	UNIV JILIANG CHINA	Method of generating power by utilizing wind power generated by train traveling on tracks
DE102010034564 A1 20120223	WO2010EP57706 20100602; DK20090000700 20090604	B66C1/62; B66C23/26; B66C23/52; F03D1/00	DONG ENERGY AS [DK]	METHOD OF INSTALLATION OF AN OFFSHORE WIND TURBINE AND COMBINATION OF AN OFFSHORE WIND TURBINE AND A FLOATING VESSEL
DE102010035024 A1 20120223	DK20100070534 20101208; US20100421636P 20101210	F03D7/04; G06F9/50	VESTAS WIND SYS AS [DK]; LOCK HUN YI [SG]	METHOD OF MANAGING COMPUTING TASKS IN A WIND FARM

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DE102010035055 A1 20120223	US201013144799 20100121; DK20090000089 20090121; US20090205721P 20090121; WO2010DK50012 20100121	F03D11/00; B29C70/14	VESTAS WIND SYS AS [DK]	METHOD OF MANUFACTURING A WIND TURBINE BLADE BY EMBEDDING A LAYER OF PRE-CURED FIBRE REINFORCED RESIN
DE102010035178 A1 20120223	WO2010DK50171 20100629; DK20090070045 20090630; US20090221919P 20090630	F03D1/06	VESTAS WIND SYS AS [DK]	METHOD OF MANUFACTURING A WIND TURBINE BLADE COMPRISING TWO MEMBERS BEING JOINED BY ADHESION
DE102010035301 A1 20120223	WO2010EP56808 20100518; EP20090160496 20090518; EP20100720913 20100518	F03D1/06	LM GLASFIBER AS [DK]	METHOD OF MANUFACTURING A WIND TURBINE BLADE HAVING PREDESIGNED SEGMENT
DE102010036358 A1 20120112	US201113242387 20110923; US20070883738 20070803; WO2005IB50450 20050203	F03D1/06	VESTAS WIND SYS AS [DK]	METHOD OF MANUFACTURING A WIND TURBINE BLADE SHELL MEMBER
DE102010037695 A1 20120322	WO2009IB50790 20090226	F03D1/06; B29C70/30	TECSIS TECNOLOGIA E SIST S AVANCADOS LTDA [BR]	METHOD OF MANUFACTURING AEROGENERATOR BLADES
DE102010037706 A1 20120322	DE201010054014 20101210	F03D7/04	NORDEX ENERGY GMBH [DE]	Method of operating a pitch controlled wind turbine

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DE102010039091 A1 20120209	EP20090160498 20090518; WO2010EP56814 20100518	F03D7/02	LM GLASFIBER AS [DK]	METHOD OF OPERATING A WIND TURBINE
DE102010039705 A1 20120301	US20100376080P 20100823; DK20100000741 20100823	F03D7/02	VESTAS WIND SYS AS [DK]; BRATH PER [DK]	METHOD OF OPERATING A WIND TURBINE AND WIND TURBINE
DE102010039778 A1 20120301	DK20100070285 20100623; US20100357581P 20100623	F03D9/00	VESTAS WIND SYS AS [DK]	Method of Operating a Wind Turbine, Controller Usable for Operating a Wind Turbine, and Wind Turbine
DE102010040359 A1 20120308	DK20110070112 20110308	F03D7/02	VESTAS WIND SYS AS [DK]	Method of operating wind turbine, method of approaching wind turbine by helicopter, wind turbine by helicopter
DE102010040654 A1 20120315	JP20100179158 20100810	H02J3/46; F03D7/04; H02J13/00	MEIDENSHA ELECTRIC MFG CO LTD	METHOD OF POWER GENERATION OUTPUT SCHEDULE CONTROL FOR WIND TURBINE GENERATOR SYSTEM
DE102010040887 A1 20120322	WO2009DK50327 20091209	F03D1/00; B66C23/20; E04H12/34	WIDEX AS	Method of processing a signal in a hearing aid, a method of fitting a hearing aid and a hearing aid
DE102010040915 A1 20120322	US20100969803 20101216	C21D1/20; C21D5/00; C22C37/04	GEN ELECTRIC [US]	Method of producing large components form austempered ductile iron alloys
DE102010040917 A1 20120322	EP20100169029 20100709	B29C70/44; B29C70/48; B29C70/54; F03D1/06	LM GLASFIBER AS [DK]	Method of producing pre-bent wind turbine blades
DE102010041508 A1 20120329	CN20101554879 20101123	F03D9/00; A01G25/00; F03D3/00	Dalian Chuangda Technology Trade Market Co., Ltd.	Method of pumping water to ice, generate power and irrigate by using wind energy
DE102010041520 A1 20120329	GB20100021962 20101224	F03D7/02; F03D7/04;	MOOG INSENSYS LTD [GB]	Method of reducing stress load in a wind turbine rotor

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		F03D11/00		
DE102010041750 B3 20120322	WO2011CN00627 20110411; CN20101146806 20100415	F03D7/00; F03D9/00	GUANGXI YINHE WIND POWER CO LTD [CN]	Method of regulating power of direct drive and permanent magnet synchronous wind powered electricity generator unit
DE102010041807 A1 20120405	EP20090157056 20090401	H01M10/39; F03D9/00; H01L31/042; H02J11/00	BASF SE [DE]	METHOD OF STORING AND TRANSPORTING ELECTROCHEMICAL ENERGY
DE102010041824 B3 20120308	KR20100118109 20101125	F03D11/00; F03D7/00; H02P9/04		Method of tracking maximum power point for wind power generation system and apparatus thereof
DE102010041940 A1 20120405	RU20100128021 20100706	F03D9/02	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA CHITINSKIJ GU CHITGU [RU]	METHOD TO CONVERT WIND ENERGY INTO ELECTRIC ENERGY
DE102010042092 A1 20120412	EP20100169069 20100709	B29C70/68; F03D1/06; F03D3/06	SIEMENS AG [DE]	METHOD TO MANUFACTURE A COMPONENT OF A COMPOSITE STRUCTURE
DE102010042296 A1 20120412	EP20100180125 20100927	F03D11/00; B66C1/10; B66C1/42	SIEMENS AG [DE]	METHOD, ASSEMBLY AND SYSTEM FOR MOUNTING WIND TURBINE BLADES TO A WIND TURBINE HUB
DE102010042327 A1 20120412	US20100868459 20100825	F03D9/00; F03D9/02	VESTAS WIND SYS AS [DK]; VIASSOLO DANIEL [US]	METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT TO OPTIMIZE POWER PLANT OUTPUT AND OPERATION
DE102010042530 A1 20120308	US201113100466 20110504	F03D7/00	GEN ELECTRIC [US]	METHODS AND APPARATUS FOR CONTROLLING WIND TURBINE THRUST

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DE102010042783 A1 20120426	US201113027170 20110214; US20100961461 20101206; US20100304403P 20100213	F01P7/16	MCALISTER TECHNOLOGIES LLC [US]	METHODS AND SYSTEMS FOR ADAPTIVELY COOLING COMBUSTION CHAMBERS IN ENGINES
DE102010043199 A1 20120503	WO2010CN01996 20101209	F03D11/04; E04H12/34	GEN ELECTRIC [US]; YAO HUAMING [CN]; FU WENGUAN [CN]	METHODS AND SYSTEMS FOR ASSEMBLING WIND TURBINE TOWER
DE102010043816 A1 20120516	US201113116652 20110526	F03D9/00; H02J1/00	SIHLER CHRISTOF MARTIN [DE]; ROESNER ROBERT [DE]; HARAN KIRUBA SIVASUBRAMANIAM [US]; BOSE SUMIT [US]	METHODS AND SYSTEMS FOR DIRECT CURRENT POWER TRANSMISSION
DE102010043817 A1 20120516	WO2009US63619 20091106; US20080119092P 20081202; US20090483581 20090612	F03D9/00; F03D3/00; F03D11/00; G03B21/50	Winkler Marvin	Methods and systems for generating a dynamic image effect, and products thereby
DE102010044297 A1 20120308	US201113176144 20110705	F03D7/00	GEN ELECTRIC [US]	METHODS FOR CONTROLLING THE AMPLITUDE MODULATION OF NOISE GENERATED BY WIND TURBINES
DE102010044456 A1 20120308	ES20100000882 20100709	F03D9/00; F03D7/04; H02K7/18; H02P6/10	GAMESA INNOVATION & TECH SL [ES]	Methods for overcoming unwanted effects by cogging torque in a wind turbine
DE102010044749 A1 20120308	US20100966219 20101213	F03D1/06	GEN ELECTRIC [US]	Methods of manufacturing rotor blades for a wind turbine

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DE102010044757 A1 20120308	US201113275362 20111018; US20100422451P 20101213; US201061425510P 20101221	H02M7/5383	NORTHERN POWER SYSTEMS INC [US]	Methods, Systems, and Software for Controlling a Power Converter During Low (Zero)-Voltage Ride-Through Conditions
DE102010044841 A1 20120329	ES20120030136 20120131	F03D1/06; B29C70/00	ARGOLABE INGENIERIA S L [ES]	METODO DE FABRICACION DE PALA DE AEROGENERADOR
DE102010045238 A1 20120315	ES20080016398T 20080917	F03D7/02; G01P5/02; G01P13/02	SIEMENS AG [DE]	Método para alinear un componente en una dirección del viento y sensor para determinar la desalineación del componente en relación con una dirección del viento
DE102010045413 A1 20120315	ES20080002976 20081022	B63B35/00	TORRES MARTINEZ M [ES]	METODO PARA EL MONTAJE DE AEROGENERADORES EN LECHOS ACUATICOS Y VEHICULO PARA LLEVAR A CABO DICHO METODO
DE102010045660 A1 20120322	ES20080003726 20081229	F03D7/02; F03D11/00	ACCIONA WINDPOWER S A [ES]	METODO PARA EVALUAR EL DESEQUILIBRIO DEL ROTOR DE UN AEROGENERADOR.
DE102010045801 A1 20120322	ES20090031272 20091224	F03D7/04	ACCIONA WINDPOWER S A [ES]	METODO PARA MONITORIZAR EL ESTADO DE LA ESTRUCTURA DE SOPORTE DE UN AEROGENERADOR
DE102010045814 A1 20120322	ES20090000572 20090302	H02P27/04; F03D7/00; F03D9/00; H02J3/36; H02M5/40	INGETEAM ENERGY SA [ES]	METODO PARA OPERAR UN CONVERTIDOR DE UN GENERADOR EOLICO.
DE102010045920 A1 20120322	ES20090000288 20090202	F03D1/00	GAMESA INNOVATION & TECH SL [ES]	METODO Y DISPOSITIVO DE MANIPULACION O TRANSPORTE DE PALAS DE AEROGENERADORES.
DE102010045921 A1 20120322	ES20090000729 20090317	F03D7/02	ACCIONA WINDPOWER S A [ES]	METODO Y SISTEMA DE CONTROL DE TENSION DE UNA CENTRAL DE GENERACION ELECTRICA Y PARQUE EOLICO

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DE102010046339 A1 20120426	ES20090001390 20090609	H02G3/36; F03D11/00	GAMESA INNOVATION & TECH SL [ES]	METODO Y SISTEMA DE FIJACION DE CABLES ELECTRICOS.
DE102010046432 A1 20120322	ES20090000703 20090313	F03D1/06; F03D11/00	GAMESA INNOVATION & TECH SL [ES]	METODO Y UTIL PARA LA FIJACION DEL TUBO HUECO DE TRANSMISION DE ENERGIA AL EJE PRINCIPAL DE LA MULTIPLICADORA.
DE102010046802 A1 20120329	ES20100000471 20100413	F03D7/02; G01P5/07	GAMESA INNOVATION & TECH SL [ES]	METODOS DE MONITORIZACION DE AEROGENERADORES
DE102010048547 A1 20120419	ES20090001821 20090903	F03D7/04	GAMESA INNOVATION & TECH SL [ES]	METODOS Y SISTEMAS DE CONTROL DE AEROGENERADORES
DE102010048555 A1 20120614	CN20112232564U 20110704	F03D11/00; F04D27/00; H05K7/20	GUODIAN UNITED POWER TECH CO	Micro positive pressure device for offshore wind generating set
DE102010049407 A1 20120329	US20040835734 20040430	G06F1/20; F01D17/00; F01D19/02; F01D21/12; F01D21/14; F03B15/00; F03D7/00; F04D15/00; F04D27/02; H02P5/00; H05K7/20	MINEBEA CO LTD [JP]	Microcontroller-driven method and electronic circuit for self-calibrating electronic cooling fan
DE102010049423 A1 20120405	GB20100015621 20100917	F03D11/00; F03D3/00; F03D9/00; H02J17/00	GOODALL PETER ROBERT [GB]	Microwave transmission from a lighter-than-air wind energy conversion device
DE102010049502 A1 20120503	RO20110000785 20110804	F03D3/02	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU ING ELECTRICA ICPE CA [RO]	MICRO-WINDMILL GENERATOR WITH EXTENDED LIMIT OF WIND VELOCITY

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DE102010050020 A1 20120503	CN20111376179 20111122	F03D11/00; B27M3/10	China Jiliang University	Middle section of extrusion bendable transverse superposition type medium-sized wind power blade and manufacturing equipment thereof
DE102010050477 B3 20120223	CN20111433777 20111222	F03D9/02; F03D1/04; F03D1/06; F03D11/00	Chongqing University	Miniature high-efficiency wind power gaining device
DE102010050721 A1 20120510	FR20090055942 20090901; WO2010FR51799 20100830	F17D3/00; F03B13/08	CRUGNALE IVANO [FR]	MINIATURE HYDROELECTRIC POWER PLANT
DE102010050956 A1 20120510	CN20111345346 20111104	H02K16/02; F03D9/00; H02K1/16	GUODIAN UNITED POWER TECH CO	Mixed type medium-speed permanent magnet wind generator and generator set thereof
DE102010051209 A1 20120516	CN20111300964 20110928	F03D9/02; F03B13/06; H02J7/00; H02N6/00	Northeastern University	Mixed wind-light compensation water pumping and energy storing system and control method thereof
DE102010051292 A1 20120516	WO2011EP56802 20110428; BE20100000429 20100713	H02K7/18; F03D9/00	WERGIFOSSE XAVIER DE [BE]; DE WERGIFOSSE CELESTIN [BE]	MOBILE ECOLOGICAL ELECTRICAL POWER SYSTEM WITH DYNAMO
DE102010051293 A1 20120516	KR20100121362 20101201	F03D7/00; F03D11/00		Mobile Link Apparatus, System and Method for Diagnosis of Wind Turbine System
DE102010051295 A1 20120516	RU20100145320 20101108	H02J15/00	TUPIKOV NIKOLAJ GRIGOR EVICH [RU]; FEDJAINOV VLADIMIR NIKOLAEVICH [RU]	MOBILE SELF-CONTAINED POWER SUPPLY SYSTEM
DE102010051296 A1 20120516	CN20111440262 20111226	F03D9/00; F03D11/04; H02N6/00	TIANJIN RUITUO ELECTRONICS SCIENT & TECHNOLOGICAL DEV CO LTD	Mobile wind/light hybrid power supply system

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DE102010051297 A1 20120516	AT20110000088 20110121	F03D1/06	HEXCEL HOLDING GMBH [AT]; HEXCEL CORP [US]	MODUL ZUM HALTEN VON MINDESTENS EINER H?LSE
DE102010052272 A1 20120524	US20100657914 20100129; US20090214402P 20090423	F03D3/06; F03D3/02; F03D11/00; F03D11/02	WINDSTREAM TECHNOLOGIES INC [US]	MODULAR ALTERNATIVE ENERGY UNIT
DE102010052947 A1 20120531	GB20100016390 20100929	F03D3/06	NENUPHAR [FR]	Modular wind turbine blade for a vertical axis wind turbine
DE102010053369 A1 20120216	RU20080144815 20081114; WO2009RU00587 20091029	F03D3/02	ZERNOV VLADIMIR ALEKSEEVICH [RU]	Modulare windgetriebene Energieerzeugungsanlage
DE102010053473 A1 20120606	US20100972590 20101220	F03D1/06	GEN ELECTRIC [US]	MODULARES ROTORBLATT UND VERFAHREN ZUM AUFBAUEN EINER WINDTURBINE
DE102010053671 A1 20120614	CN20101240307 20100729	F03D7/06; F16D43/04	YIN JIANGUO [CN]	MODULARIZED WIND POWER GENERATION SYSTEM WITH AUTOMATIC SPEED REGULATION
DE102010054318 A1 20120614	DE201010044757 20100908	F16H57/04; F03D11/00; F03D11/04	ZS SCHMIERANLAGEN VERTRIEBS GMBH & CO KG [DE]	Module for automatic lubrication of gears of wind power plant, has conveyor having rotary drive which is coupled to lubricating element which is arranged rotatably about axis
DE102010054319 A1 20120614	US201113240788 20110922; US20100385712P 20100923	H02K15/00; F03D1/00; H02K7/18; H02K15/02	NORTHERN POWER SYSTEMS INC [US]; BYWATERS GARRETT L [US]; COLE TREVOR H [US]; HANCOCK ETIENNE [US]	MODULE-HANDLING TOOL FOR INSTALLING/REMOVING MODULES INTO/FROM AN ELECTROMAGNETIC ROTARY MACHINE HAVING A MODULARIZED ACTIVE PORTION
DE102010054320 A1 20120614	GB20040015545 20040712; GB20040016077 20040719; WO2005GB02733 20050712	F03D3/06; F03D1/06; H02K7/14	PEACE STEVEN [GB]; MARSH PAUL [GB]	Modulkonstruktion til vindm=lleblade

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DE102010054321 A1 20120614	CN20091169177 20090911	B29C33/02; F03D11/00	SUZHOU RED MAPLE WIND BLADE MOULD CO LTD [CN]	MOLDE PARA MOLDAR UMA PÁ DE TURBINA EÓLICA, MÉTODO PARA MOLDAR UMA PÁ DE TURBINA EÓLICA, E, PÁ DE TURBINA EÓLICA
DE102010054358 A1 20120614	US20090183580P 20090603; WO2010US37229 20100603	F03D1/04	FLODESIGN WIND TURBINE CORP [US]	Molded wind turbine shroud segments and constructions for shrouds
DE102010054631 A1 20120621	KR20117008171 20100528	F03D1/02	MITSUBISHI HEAVY IND LTD [JP]	MONITORING & CONTROL DEVICE AND METHOD, AND WINDFARM WITH THE SAME
DE102010054632 A1 20120621	GB20100021226 20100714	F03D7/00; F03D11/00	VESTAS WIND SYS AS [DK]	Monitoring bending strain of wind turbine blades
DE102010054794 A1 20120621	CN20111307468 20111011	F03D11/00	Suzhou Simate Electric Power Technology Co., Ltd.	Monitoring system based on electric information for health status of wind driven generator and monitoring method thereof
DE102010055500 A1 20120628	US20100826244 20100629	F03D7/02; F03D11/00	GEN ELECTRIC [US]	Monitoring the pitch brake of wind turbine blades
DE102010055873 A1 20120628	WO2010JP59091 20100528	F03D1/02	MITSUBISHI HEAVY IND LTD [JP]	Monitoring/control device and method and wind farm provided therewith
DE102010055874 B3 20120405	DE201120107202U 20111013	F03D9/00	JACEK PAUL [DE]	Montage von Windkraftanlagen auf und innerhalb Werbemasten (Werbetower) horizontal sowie vertikal WKA
DE102010055876 A1 20120628	ES20100000445 20100408	F03D1/00; F03D11/00; F03D11/04	GAMESA INNOVATION & TECH SL [ES]	MONTAJE DE ELEMENTOS EN EL INTERIOR DE UN GRAN AEROGENERADOR
DE102010056033 A1 20120628	BE20100000213 20100402	F03D1/06; F03B17/06	MIELE ANTONIO [BE]	MOTEUR EOLIEN OU HYDRAULIQUE A CONE DE DIVERGENCE.
DE102010056456 A1 20120621	CN20101295549 20100929	F03D9/00; F03D1/00; F03D1/04; F03D1/06	Ke Yikun	Motion airflow generator
DE102010060147 A1 20120426	KR20100109335 20101104	B63H21/21; B63H21/17;	MOKPO NAT UNIV IND ACAD COOP [KR]	MOTOR CONTROL SYSTEM FOR AN ELECTRIC ENGINE ON THE SHIP USING THE WIND POWER

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
		B63J3/00; F03D9/00		
DE102010060333 A1 20120503	WO2010CN72407 20100504; CN20091107200 20090501	B60K3/00; B60K16/00; F03D9/00	CONG YANG [CN]	MOTOR VEHICLE
DE102010060380 B3 20120202	WO2010IB01667 20100707; US20090270600P 20090709; US20100340597P 20100319	H02K7/14; F03D7/02; H02K41/03	CLIPPER WINDPOWER INC [US]	MOTOR YAW DRIVE SYSTEM FOR A WIND TURBINE
DE102010060639 A1 20120524	RU20110107807 20110228	F03D11/04	KORSHUNOV VIKTOR MIKHAJLOVICH [RU]	MOUNTING AND DISMANTLING METHOD FOR WIND GENERATOR ON SUPPORTS AND DEVICE FOR METHOD IMPLEMENTATION
DE102010060663 A1 20120524	US201113312118 20111206; GB20100020828 20101208; US20100420940P 20101208	F03D7/02	VESTAS WIND SYS AS [DK]	MOUNTING ARRANGEMENT FOR PITCH GEAR
DE102010061920 B3 20120516	CN20111329813 20111021	H02J7/00; F03D9/00; H02N6/00	AU Optronics Corp.	Movable charging equipment for clean room
DE102010062418 A1 20120606	JP20100220070 20100929	H02K49/10; F03D9/00; G01B7/30; H02K7/02; H02K7/10; H02K7/11	SANYO ELECTRIC CO [JP]	MOVING MAGNETIC FIELD GENERATING APPARATUS

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
DE102010062546 A1 20120614	US201113294522 20111111; WO2010US38947 20100617; US20090319484 20090108; US20080010691P 20080110; US20090269043P 20090620; US20090273740P 20090808; US20090284515P 20091221; US20100336206P 20100119; US20100342658P 20100415; US201161572693P 20110720; US2011	F03D9/00; F01D15/12; H02P9/04	RICKER JONATHAN C [US]	Multi Directional Augmenter and Diffuser
DE102010062819 A1 20120614	US20100925019 20101012	F03D3/06	MCDUFFIE JOHN MICHAEL [US]	Multi purpose variable speed wind powered generator
DE102010063181 A1 20120621	KR20100008707U 20100820	F03D11/00; F03D1/00; F03D11/04		multi wind generation system
DE102010063262 A1 20120621	CN20111290143 20110928	F03D11/00; F03D11/04	Zhao Dongnan	Multi-blade type horizontal idle-stroke wind generator
DE102010063396 A1 20120621	CN20112188584U 20110607	F03D9/00; F03D3/04; F03D3/06	Xu Yuyi	Multidirectional wind power generator
DE102010063687 A1 20120621	CN20112267822U 20110727	B60L8/00; B60K16/00;	Zhao Rong	Multi-energy electric vehicle

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
		F03D9/00; F03G7/08		
DE102010063769 A1 20120621	CN20111211412 20110727	B60L8/00; B60K16/00; B60K25/10; F03D9/02; F03G7/08	Zhao Rong	Multi-energy electric vehicle
DE102011010476 A1 20120614	CN20101561703 20101129	F03D9/00; F02B63/04; F03B13/06; H02J3/38; H02N6/00	Shandong Electric Power School	Multi-energy generating system
DE102011012910 A1 20120322	CN20111322533 20111021	A63B27/00; F03D11/00	UNIV SHENYANG JIANZHU	Multifunctional automatic climbing device
DE102011014480 B3 20120614	CN20112329571U 20110905	E05D3/02; F03D11/00	SHANDONG SHUANGYI GROUP CO LTD	Multifunctional hinge
DE102011014537 B3 20120531	CN20112394610U 20111017	E04H15/02; E04D13/18; F03D9/02; H02J7/00	Wei Yongquan;Wei Wensheng	Multifunctional tent utilizing combination of wind energy and solar energy to supply electricity
DE102011016499 A1 20120315	CN20112240483U 20110709	F03D9/00; F03D11/00	Chen Xiaoguan	Multi-functional wind-powered water elevator
DE102011018840 B3 20120614	CN20111364143 20111116	H02N15/00; F03D9/00	SHENZHEN TIMAR WINDENERGY AND LUMINOUS ENERGY TECHNOLOGY CO LTD	Multilayer disk-type vertical shaft magnetic levitation wind power generator
DE102011050966 A1 20120119	CN20112409997U 20111025	F03D3/06	TRUE TEN IND CO LTD [TW]	Multilayer fan blade device
DE102011051092 A1 20120209	CN20101566259 20101129	F03D3/02; F03D3/06; F16D1/033	HARBIN POWER VERTICAL WIND POWER EQUIPMENT ENGINEERING TECHNOLOGY RES CT [CN]; LI SHUGUANG [CN]	MULTI-LAYER SUPERPOSED-COMBINED VERTICAL WIND POWER GENERATION SYSTEM

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
DE102011051174 A1 20120308	CN20112233319U 20110704	F03D11/00	Shanghai Taisheng Wind Power Equipment Co., Ltd.	Multi-layer tower barrel supporting device
DE102011051673 A1 20120112	WO2010KR08178 20101119	F03D3/00; F03D7/06; F03D11/00; F03D11/02; F03D11/04	CHANGMYEONG GUNUP CO LTD [KR]; SONG HI MIN [KR]	MULTI-LAYER WIND POWER GENERATION SYSTEM
DE102011051831 A1 20120119	CN20111293338 20110928	F03D3/06; F03D3/02	SHANGHAI HING WAH HONEYCOMB PANEL CO LTD	Multilayer wind rotor fan structure of vertical axis wind turbine
DE102011051947 A1 20120202	CN20111058694 20110311	F03D3/02; F03D7/06; F03D11/00	BEIJING JUNANTAI PROT TECHNOLOGIES CO LTD	Multiple Generator Wind Turbines with Rotary Blade Cage
DE102011051985 A1 20120126	TW100218753U 20111006	F03D11/00	TRUE TEN IND CO LTD [TW]	Multiple layers fan apparatus
DE102011052113 A1 20120126	KR20100075390 20100803	F03D3/06; F03D11/00	KIM KI CHEER [KR]; KIM HONG SU [KR]	Multiple vertical windmill blades
DE102011052666 A1 20120216	US201113337029 20111223	F03D9/00	KHEDEKAR SAMIT ASHOK [US]; GANDHI MAYURA MADAN [US]; KHEDEKAR SANJAY ASHOK [IN]	Multiple wind turbine power generation system with dynamic orientation mechanism and airflow optimization
DE102011052894 A1 20120301	US201213398738 20120216	F03G6/00; F03D1/00	LAZARIS SPYROS J [US]	MULTI-RESOURCE RENEWABLE ENERGY INSTALLATION AND METHOD OF MAXIMIZING OPERATIONAL CAPACITY OF SAME
DE102011052930 A1 20120223	US201013375374 20100528; US20090182819P 20090601; WO2010US36552 20100528	F03D9/00; F03B13/00	SYNKINETICS INC [US]	MULTI-ROTOR FLUID TURBINE DRIVE WITH SPEED CONVERTER
DE102011053968 A1 20120329	US20100423077P 20101214	F03D3/00; F03D3/02;	SELMI CESARE [US]	MULTI-ROTOR VERTICAL AXIS WIND TURBINE AND METHODS RELATED THERETO

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		F03D3/04; F03D3/06		
DE102011055023 A1 20120510	CN20111240559 20110819	F03D9/00; F03D1/02; F03D11/00	Tianjin University	Multi-rotor wind generating system
DE102011055370 A1 20120516	CN20111241037 20110819	F03D1/02; F03D7/04; F03D11/00	Tianjin University	Multi-rotor wind generating system capable of automatically facing wind
DE102011055377 A1 20120516	CN20111240631 20110819	F03D9/00; F03D1/02; F03D7/04; F03D11/00	Tianjin University	Multi-rotor wind generating system capable of automatically facing wind
DE102011056108 A1 20120614	CN20111241039 20110819	F03D9/00; F03D1/02; F03D7/04; F03D11/00	Tianjin University	Multi-rotor wind generating system provided with horizontal connecting rods
DE102011056176 A1 20120614	CN20111241016 20110819	F03D9/00; F03D1/02; F03D7/02; F03D11/00	Tianjin University	Multi-rotor wind generating system provided with suspenders and capable of automatically facing wind
DE102011056343 A1 20120614	CN20111240604 20110819	F03D9/00; F03D1/02; F03D7/02; F03D11/00	Tianjin University	Multi-rotor wind generating system provided with suspenders and capable of automatically facing wind
DE102011056486 A1 20120621	CN20111240632 20110819	F03D1/02; F03D11/00	Tianjin University	Multi-rotor wind generating system with connecting rods
DE102011056701 A1 20120621	CN20111241019 20110819	F03D1/02; F03D11/00	Tianjin University	Multi-rotor wind generating system with fixing rods
DE102011056704 A1 20120621	CN20111240558 20110819	F03D9/00; F03D1/02; F03D7/02; F03D11/00	Tianjin University	Multi-rotor wind generating system with suspenders
DE102011100769 A1 20120322	CN20111241018 20110819	F03D9/00; F03D1/02;	Tianjin University	Multi-rotor wind power generation system with dual rotary bearings

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		F03D11/00		
DE102011100912 A1 20120315	CN20111240603 20110819	F03D9/00; F03D1/02; F03D11/00	Tianjin University	Multi-rotor wind power generation system with equal beam length
DE102011109215 A1 20120322	CN20111241036 20110819	F03D9/00; F03D1/02; F03D7/04; F03D11/00	Tianjin University	Multi-rotor wind power generation system with tail vane
DE102011109217 A1 20120614	CN20111240950 20110819	F03D9/00; F03D1/02; F03D11/00	Tianjin University	Multi-rotor wind power generation system with unequal beam lengths
DE102011109225 A1 20120322	DE201010053671 20101207	F16C19/14; F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Multi-rowed rolling bearing for use in rotor bearing of wind-power plant, has outer ring comprising spherical outer surface, which cooperates with inner surface of housing, and bearing series formed by skew-angle roller bearing series
DE102011113695 A1 20120329	US201113272315 20111013	F03D1/06	GEN ELECTRIC [US]	MULTI-SEGMENT WIND TURBINE ROTOR BLADE WITH SPAN-WISE OFFSET JOINTS
DE102011120742 A1 20120621	CN20112124224U 20110426	F03D9/00; F03D3/02; F03D11/00	Lin Yuhui	Multi-shaft wind power generation device
DE102011120757 A1 20120614	CN20112245597U 20110713	F03D9/00; F03D3/02; F03D3/06	GUANGDONG TIANFU ELECTRICAL GROUP CO LTD	Multi-stage linkage wind driven generator
DE112010000004T T5 20120119	CN20112362387U 20110926	F03D3/02; F03D3/06	Shanghai Hing Wah Honeycomb Technology Development Co., Ltd.	Multi-turbine structure for vertical-shaft wind driven generator
DE202007019340U U1 20120105	CN20111431339 20111220	F03D9/00; F03D3/06; F03D11/00; F16D3/54	SHUGUANG LI; HARBIN HIGH POWER VERTICAL WIND POWER EQUIPMENT, ENGINEERING AND TECHNICAL RES CT CO LTD	Multi-winding variable-pole variable-speed vane-type vertical wind power generating system

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
DE202010012748U U1 20120113	NO20050005118 20051101; WO2006NO00385 20061030	F03D7/04; F03D7/02; F03D9/00; F03D11/00	STATOILHYDRO ASA [NO]	TURBINA EÓLICA COM MÚLTIPLOS GERADORES
DE202010014685U U1 20120130	US20100894116 20100929	F03D9/00	LYNN KUO-YUAN [TW]	Mutual-Rotating Power System
DE202010015616U U1 20120301	DE201010063181 20101215	F03D11/04; F03D11/00	SUZLON ENERGY GMBH [DE]	Nabe fr eine Windturbine
DE202010016041U U1 20120305	DK20080000866 20080624; US20080133049P 20080624; WO2009EP56602 20090529	F03D11/00	VESTAS WIND SYS AS [DK]	NABENGEGH?USE F?R DIE NABE EINER WINDTURBINE
DE202010016941U U1 20120323	US20090184026P 20090604; WO2010US37383 20100604	F03D1/04	FLODESIGN WIND TURBINE CORP [US]	Nacelle configurations for a shrouded wind turbine
DE202010017419U U1 20120126	DE201010025546 20100629	F03D11/00	SUZLON ENERGY GMBH [DE]; THIEL ENRICO [DE]; KLOOK THORSTEN [DE]; HEUER STEFAN [DE]; ANAND DEEPAK [DE]	NACELLE COVER
DE202011001850U U1 20120430	JP20100273772 20101208	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	NACELLE COVER JOINT PART STRUCTURE FOR WIND POWER GENERATOR AND WIND POWER GENERATOR COMPRISING THE SAME
DE202011101719U U1 20120125	JP20100259165 20101119	F03D11/00; F03D1/06	MITSUBISHI HEAVY IND LTD [JP]	NACELLE COVER, AND WIND POWER GENERATION APPARATUS WITH THE SAME
DE202011102638U U1 20120530	EP20100382207 20100726	F03D1/00	ALSTOM WIND S L U [ES]	Nacelle for a wind turbine

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
DE202011103739U U1 20120117	DE201010044942 20100910; DE201110016499 20110408	F03D11/04	WES ENERGY GMBH [DE]	Nacelle for use in downwind turbine rotor of small wind turbine, has housing whose diameter is greater in central region and smaller on windward and leeward sides, where diameter on leeward side is greater than diameter on windward side
DE202011105280U U1 20120222	JP20100271929 20101206	F03D11/00	mitsubishi heavy ind ltd [JP]; kamibayashi masakazu [JP]; hirano haruhiro [JP]; numajiri tomohiro [JP]; ito kenji [JP]; honda ikuo [JP]; fujioka yoshihiro [JP]	NACELLE ROOF STRUCTURE OF WIND POWER GENERATOR
DE202011105439U U1 20120102	CN20112339490U 20110909	F24F5/00; F03D9/00; F24F11/00; F24F13/28	Guo Zhongyi;Ye Chuntian	Natural-energy water mist cooling device
DE202011105676U U1 20120113	CN20101574205 20101206	F03D7/04	Beijing Fusheng Quanchuang Technology Co.,Ltd.	Navigator for wind driven generator
DE202011106051U U1 20120119	CN20112122458U 20110422	H02N6/00; F03D9/00; H02J7/00; H02J9/06	Wang Gan	Networking-type wind-solar hybrid power supply device for users in new countryside
DE202011106150U U1 20120110	WO2010CN75387 20100722	F03D1/06	BEIJING KHAN WIND TECHNOLOGY CO LTD [CN]; DU YINGZHUO [CN]; ZHANG WANG [CN]; LIU JUNHUA [CN]; WANG PENGFEI [CN]	NEW BAMBOO BLADE STRUCTURE
DE202011106818U U1 20120124	US20100970119 20101216	F03D1/06	GEN ELECTRIC [US]	Noise reducer for rotor blade in wind turbine
DE202011107202U U1 20120504	US20100939531 20101104	F03D7/02; F03D1/06	GEN ELECTRIC [US]	Noise reducer for rotor blade in wind turbine

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DE202011107617U U1 20120210	US20100946259 20101115	F03D1/06	GEN ELECTRIC [US]	Noise reducer for rotor blade in wind turbine
DE202011107656U U1 20120117	WO2010CN01920 20101130	F03D1/06; F03D11/00	GEN ELECTRIC [US]; LIU LIHUA [CN]	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
DE202011107746U U1 20120124	US201113329426 20111219	F03D1/06	GEN ELECTRIC [US]	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
DE202011107920U U1 20120130	US201113149513 20110531	F03D1/06	GEN ELECTRIC [US]	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
DE202011108157U U1 20120110	CN20112271718U 20110729	F16H1/28; F03D11/02	AVIC CHANGSHA ZHONGCHUAN TRANSMISSION MACHINERY CO LTD	Nonuniform distribution type planet gear reducer for wind generating set
DE202011108484U U1 20120116	DE201010060380 20101105	G05B9/03; F03D7/02; F03D11/00	LTI DRIVES GMBH [DE]	Notbetriebsfähige Pitchmotor-Antriebsschaltung
DE202011109031U U1 20120319	EP20100168803 20100708	F03D1/06	LM GLASFIBER AS [DK]	Notch-reduced composite joint
DE202012000356U U1 20120321	CN20101554746 20101123	F03D11/00; F03D1/00	Dalian Chuangda Technology Trade Market Co., Ltd.	Novel bearing box
DE202012000497U U1 20120227	CN20112168317U 20110525	F03D9/00; F03D1/04; F03D1/06	Beijing Oasis New Energy Technology Co., Ltd.	Novel breeze electric generator
DE202012000769U U1 20120301	CN20101555601 20101123	E04H14/00; E04F17/04; F03D9/00	Dalian Chuangda TechnoXinda Heavy Industry Co.,Ltd.ogy Trade Market Co., Ltd.	Novel building with wind driven generator
DE202012001249U U1 20120403	CN20112446769U 20111111; CN20111394192 20111122	F03D1/06	Zhang Xiangzeng	Novel composite material blade of horizontal shaft wind generating set

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DE202012001329U U1 20120308	CN20111252207 20110830	F03D9/00; H02J3/38; H02K1/16; H02K1/27; H02K3/12	GUODIAN UNITED POWER TECH CO	Novel direct drive type permanent magnet wind generating set
DE202012001513U U1 20120530	CN20112320998U 20110830	F03D9/00; H02J3/38; H02K1/16; H02K1/27; H02K3/12	GUODIAN UNITED POWER TECH CO	Novel direct-drive permanent magnet type wind-driven power generator unit
DE202012001910U U1 20120328	CN20101576751 20101129	F03D3/00; F03D3/06	Wang Huanbang	Novel efficient windmill
DE202012002133U U1 20120410	CN20112259929U 20110722	F03D9/00; H02J7/00; H02N6/00	Dalian Chuangda Technology Trade Market Co., Ltd.	Novel garden wind/photovoltaic complementary power-supply system
DE202012002160U U1 20120510	CN20111303342 20110930	B32B21/04; B32B17/02; B32B17/06; B32B17/12; F03D11/00	Tianjin Defeng Technology Co., Ltd.	Novel glass reinforced plastic laminated plate
DE202012002686U U1 20120403	CN20112328778U 20110902	F03D1/06; F03D1/04	Wang Guilin	Novel horizontal wind wheel device for wind driven generator
DE202012002913U U1 20120419	CN20112193741U 20110610	G09F13/04; F03D9/00; H02J7/00	Anhui University of Science & Technology	Novel light-emitting diode (LED) advertising box for taxis
DE202012002936U U1 20120515	CN20112412719U 20111026	F03D9/00; F03D1/06; F03D3/02; F03D11/02	Wu Lijuan;Wu Wenfu	Novel multi-paddle wind power generation device
DE202012004453U U1 20120530	CN20111253312 20110830	B60K16/00; B60L8/00; F03D9/00	Yao Dengxiang	Novel renewable energy automobile

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DE202012100041U U1 20120329	CN20112247434U 20110714	F21S9/04; F03D1/06; F03D9/00; F21V9/00; F21V19/02	UNIV ZHEJIANG	Novel rotating landscape lamp
DE202012100446U U1 20120308	CN20112263711U 20110725	F03D11/00	WUXI LIBAO SCIENCE & TECHNOLOGY DEV CO LTD	Novel sandwich high-strength engine casing
DE202012100448U U1 20120217	CN20101162552 20100505; CN20111115210 20110505	F03D9/00; E04B1/80; E04B2/00; E04F17/04; E04F19/04; F24F13/02; H02J3/38	Feng Gangke	Novel ventilating pipeline wind power generation system and generator
DE202012100728U U1 20120403	CN20112266068U 20110726	F03D3/06; F03D3/04	BINIYE EMANUEL MUBANGDE	Novel vertical-axis wind turbine
DE202012100794U U1 20120515	CN20112256969U 20110720	F03D3/06; F03B3/12; F03B13/00; F03D9/00	Dong Guozhang	Novel vertical-shaft impeller
DE202012101185U U1 20120508	CN20112255972U 20110720	F03D9/00; F03D1/00; F03D1/04; F03D1/06	Dalian Chuangda Technology Trade Market Co., Ltd.	Novel wind driven generator
DE202012101621U U1 20120518	CN20101555157 20101123	F03D3/00; F03D3/06	Dalian Chuangda Technology Trade Market Co., Ltd.	Novel wind energy collecting method and wind energy converting device
DE202012101708U U1 20120613	CN20112194946U 20110610	F03D1/02; H02J7/32	UNIV ZHEJIANG	Novel wind generator
DE202012101790U U1 20120530	CN20111241825 20110822	C02F7/00; F03D9/00	KOULIN DING; HONGWEI LING	Novel wind power aeration equipment
DE212009000128U U1 20120102	CN20111449904 20111219	F03D3/06	XI AN RUIJINYUAN ENERGY TECHNOLOGY CO LTD	Novel wind power generator blade

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DK1533520T T3 20120206	CN20112218702U 20110627	F03D9/00	JI JIN; JIAN WANG; LI ZHANG	Novel wind power station system
DK1577550T T3 20120305	CN20101251745 20100812	F03D9/00; F03D1/02; F03D1/06; F03D7/04	Cheng Wulin	Novel wind wheel and double-wind-wheel counter-rotating wind generating set
DK1665494T T3 20120625	CN20112407452U 20111014	F03D11/00	Inner Mongolia Spaceflight Yijiu Technology Development Co., Ltd.	Novel wind wheel structure of large scale wind turbine generator system
DK1668247T T3 20120521	CN20111333287 20111014	F03D11/00	Inner Hangtian Yijiu Technology Development Co.,Ltd.	Novel wind wheel structure of large wind generating set
DK1685336T T3 20120123	DK20120000026U 20120211	F03D1/06	GADE HAURDAHL POVL [DK]	Nyt maskinarrangement for havvindmøller
DK1764544T T3 20120312	KR20100113950 20101116	F03D11/00; F03D11/04	DAEWOO SHIPBUILDING & MARINE [KR]	OF OFFSHORE WIND TURBINE
DK1766266T T3 20120109	CN20111426419 20111219	F03D7/00	XEMC Windpower Co., Ltd.	Off-course hydraulic braking device of wind generating set
DK1769156T T3 20120213	CN20112417908U 20111028	F03D7/06	CHTC Heavy Industry Co., Ltd.	Off-grid small-sized vertical axis blower controller based on modularized design
DK177140B B1 20120130	CN20112290521U 20110811	H02N6/00; F03D9/02; H02J7/00; H02J7/35	CHONGQING ANKAI NEW ENERGY TECHNOLOGY CO LTD	Off-grid wind and solar hybrid power generation system
DK177158B B1 20120305	CN20111148224 20110602	F03D9/00; F03D9/02	Jiang Zhonghua	Off-grid wind-solar hybrid cluster generating system
DK177198B B1 20120529	KR20100087083 20100906	F03D9/00; F03B13/12; F03D3/04; F03D11/04	KIM SA HYON [KR]	OFFSHORE COMBIND GENERATOR
DK1934473T T3 20120220	KR20100076050 20100806	F03B13/12; F03D3/00; F03D9/00;	BONG NAM R & AMP TECH [KR]	OFFSHORE COMBIND GENERATOR

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		F03D11/02		
DK1961983T T3 20120529	CN20111293250 20110930	B63B35/44; F03B13/14; F03B13/26; F03D9/00; H02N6/00	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	Offshore combined floating wind power generation platform
DK201070543 A 20120112	CN20101245033 20100802	F03D9/00; F03B13/14; F03B13/26; F03D3/00; F03G7/04; H02N6/00	GCE CLEAN ENERGY TECHNOLOGY LLC USA [US]	Offshore composite renewable energy power station
DK201070545 A 20120112	TW20100124234 20100723	F03D3/00; F03B13/12; F03G6/00	GCE CLEAN ENERGY TECHNOLOGY LLC USA [US]	Offshore compound renewable energy power station
DK201170082 A 20120209	CN20111257652 20110901	F03B13/22; F03B3/00; F03B13/00; F03D3/00; F03D9/00	North China Electric Power University	Offshore comprehensive energy generating system
DK201170112 A 20120228	CN20112252959U 20110718	F03D9/00; F03B13/14; F03D1/06; F03D7/02; F03D11/04	DONGPING ZHAO	Offshore comprehensive generation system
DK201170147 A 20120215	SE20090000995 20090717; WO2010SE00195 20100716	F03D9/02; F03B13/00; F16F15/315	EHRNBERG SOLUTIONS AB [SE]	OFFSHORE ENERGY STORAGE DEVICE
DK201170171 A 20120208	DE201010026117 20100705	E02D27/42; E02D27/52; F03D11/04	KELEMEN PETER [DE]	OFFSHORE FACILITY, IN PARTICULAR WIND TURBINE

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DK201170222 A 20120510	CN20101538370 20101109	B66C25/00; B66C1/42; F03D11/00	SANY ELECTRIC CO LTD [CN]	Offshore fan installing platform and fan integral installation rotary holding and lifting mechanism
DK201170273 A 20120511	CN20111296288 20110929	F03D9/00; F03B3/14; F03B13/00; F03B13/14; F03B13/22; F03D3/06; F03D11/02	Taihe Wave Energy Research Central, Qingdao Economic Technology Development Zone	Offshore generating system
DK201170356 A 20120107	CN20112379760U 20110929	F03D9/00; F03B13/00; F03B13/22	Taihe Wave Energy Research Central, Qingdao Economic Technology Development Zone	Offshore power generation system
DK201170421 A 20120217	EP20100007666 20100723	B63H13/00; F03D1/00; F03D11/04	BANDIERA COSTANTINO [IT]	Off-shore self-aligning floating wind turbine
DK201170427 A 20120214	KR20110048703 20110523	E04C5/08; E02D27/52; F03D11/04	UNIV KONKUK IND COOP CORP [KR]	OFFSHORE STRUCTURE AND CONSTRUCTION METHOD USING THE SAME
DK201170443 A 20120220	CN20111307444 20111011	F03D11/00; B63B38/00	Suzhou Simate Electric Power Technology Co., Ltd.	Offshore suspension type wind generating set based on active balance control
DK201170450 A 20120226	CN20101230889 20100715	F03D11/04; F03D1/06; F03D9/00; F03D11/00	Chen Wenyuan	Offshore type wind power generation device and base thereof

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DK201170467 A 20120301	US20100364015P 20100714; DK20100070326 20100712	F03D1/00; B63B27/14; B63B35/00	VESTAS WIND SYS AS [DK]; KASTRUP MICHAEL [DK]; KJAERGAARD HENRIK E [DK]; THORSAGER ANDERS [DK]; ROSSEL TOBIAS LIDEGAARD [DK]; CHRISTENSEN GORM DITLEV [DK]; CHRISTENSEN TORBEN [DK]; HEMMINGSEN MICHAEL [DK]; NIELSEN ASGER SIBUHR [DK]	OFFSHORE UNLOADING
DK201170469 A 20120228	US201213351333 20120117; US20080208395 20080911; US20070972099P 20070913; US20080019117P 20080104	F03D9/00; E02D5/74	FLOATING WINDFARMS CORP [US]	OFFSHORE VERTICAL-AXIS WIND TURBINE AND ASSOCIATED SYSTEMS AND METHODS
DK201170494 A 20120318	DE201010053360 20101203	F03D11/00; F03D1/00	BARD HOLDING GMBH [DE]; GALAL GALAL [DE]; SCHULTES KLAUS [DE]	OFFSHORE WIND ENERGY INSTALLATION TOWER BASE SEGMENT, OFFSHORE WIND ENERGY INSTALLATION WITH SAID TOWER BASE SEGMENT AND METHOD FOR ERECTING SUCH AN OFFSHORE WIND ENERGY INSTALLATION
DK201170500 A 20120315	DE201010046394 20100924	F03D11/00	REPOWER SYSTEMS SE [DE]; QUELL PETER [DE]	OFFSHORE WIND FARM LIGHTING
DK201170501 A 20120316	CN20101571974 20101203	F03D9/00; F03B13/00; H02J3/38	SANY ELECTRIC CO LTD [CN]	Offshore wind generating set

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DK201170507 A 20120329	WO2010EP52152 20100219; EP20090153330 20090220	F03D1/00; B63B1/00; F03D11/04	XEMC DARWIND B V [NL]	Offshore wind park
DK201170508 A 20120329	DE200810041849 20080905	E02D27/42; E02B17/02; F03D1/00; F03D11/04	Max Bogl Bauunternehmung GmbH & Co Kg	Offshore wind power station and method for building an offshore station
DK201170514 A 20120331	US201113223987 20110901; US20100379904P 20100903	F03D1/00; F03D7/04; F03D11/04	GRAND VENT POWER LLC [US]; SCHELLSTEDE HERMAN J [US]	OFFSHORE WIND POWER SYSTEM
DK201170531 A 20120331	US20100976530 20101222	F03D7/04; H02P9/04	GEN ELECTRIC [US]	Offshore wind turbine and method of operating same
DK201170580 A 20120429	US201113213845 20110819; US20100375551P 20100820	F03D11/04; B21D53/00; F03D1/00	HORTON WISON DEEPWATER INC [US]	OFFSHORE WIND TURBINE AND METHODS OF INSTALLING SAME
DK201170581 A 20120426	WO2010NL50249 20100429; EP20090159272 20090501; EP20100718734 20100429	F03D1/00	SBM SCHIEDAM B V [NL]	OFFSHORE WIND TURBINE INSTALLATION
DK201170582 A 20120430	US201013256444 20100315; US20090161488P 20090319; WO2010US27306 20100315	F03D11/04; B23P11/00; F03D1/00	TECHNIP FRANCE [FR]	OFFSHORE WIND TURBINE INSTALLATION SYSTEM AND METHOD

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DK201170601 A 20120505	US20100386307P 20100924	F03D1/00; B63B35/00; F03D11/04	TECHNIP FRANCE [FR]; HARRIS PETER GRAHAM [US]; EDELSON DAVID N [US]	OFFSHORE WIND TURBINE INSTALLATION VESSEL
DK201170609 A 20120512	KR20100087220 20100907	F03D11/00; F03D11/04	HYUN DAI HEAVY IND CO LTD [KR]	OFF-SHORE WTGS TOWER CABLE TRAY
DK201170620 A 20120516	DE201010035024 20100820	F03D11/04	IMPAC OFFSHORE ENGINEERING GMBH [DE]	Offshore-Anordnung und Verfahren zur Installation einer Offshore-Anordnung
DK201170633 A 20120524	CN20112317221U 20110826	F16N31/02; F03D11/00; F16L5/00	SINOVEL WIND GROUP CO LTD [CN]	Oil accommodating device in tower barrel of wind power generator set
DK201170635 A 20120608	ES20100030743 20100519	F03D11/00; F16D65/14	Treib Technology Co. Ltd.	Oil brake system used for locking position of engine room of wind turbine
DK201170666 A 20120608	CN20111322997 20111021	F16N31/02; F03D11/00	Yongji Xinshisu Electric Equipment Co., Ltd.	Oil catcher
DK201170681 A 20120614	KR20100065966 20100708	F03D11/00; F01M5/00	SAMSUNG HEAVY IND [KR]	OIL COOLING APPARATUS FOR ACCELERATOR OF WIND POWER GENERATOR AND WIND POWER GENERATOR COMPRISING THE SAME
DK201170698 A 20120629	CN20112277697U 20110802	F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Oil gathering device for tooth faces of yaw bearings of large wind generator unit
DK201170700 A 20120629	CN20112292680U 20110812	E21B43/00; F03D9/00; F16H3/44; H02K7/10; H02N6/00	BEIJING BAO SHENG DE MACHINERY CO LTD	Oil pumping machine
DK201170701 A 20120614	CN20112292666U 20110812	E21B43/00; F03D9/02; H02J7/00; H02K7/116; H02N6/00	BEIJING BAO SHENG DE MACHINERY CO LTD	Oil pumping unit
DK201170702 A 20120616	CN20112385364U 20111011	F16H57/02; F03D11/00; F16H57/04	SINOVEL WIND GROUP CO LTD [CN]	Oil tank wall unloading groove of gearbox of wind turbine generator system

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DK201170711 A 20120617	KR20120025640 20120312	F03D3/06; F03D3/04; F03D5/00	LEE SUK KOU [KR]; BENTURE KOREA CO LTD [KR]	OMITTED
DK201170712 A 20120618	KR20100124554 20101206	F03D9/00; H01L31/042	MIN SUNG GI [KR]	OMITTED
DK201200026U U3 20120525	KR20120022109 20120305	F03D9/00; F03B9/00; F03B13/00; F03D5/02	KIM JUU HWAN [KR]	OMITTED
DK201200173 A 20120302	KR20120017560 20120220	F03D9/00; F03B13/00; F03D3/00; F03D11/04	LEE SUK KOU [KR]	OMITTED
DK2017469T T3 20120102	KR20120008738 20120130	F03D9/00; B60L8/00; F03D5/00; F03D5/02	KIM JUU HWAN [KR]	OMITTED
DK2031273T T3 20120529	KR20100098022 20101006	E03B3/28; F03D9/00; H01L31/042	MIN SUNG GI [KR]	OMITTED
DK2037119T T3 20120109	KR20100094000 20100929	F03D9/00; F03B13/26; F03D11/04	CHO SUNG GAB [KR]	OMITTED
DK2041430T T3 20120116	CN20112289331U 20110810	F03D9/00; F03D3/02	ZHENHUA XU	Omnidirectional water drawing windmill
DK2058513T T3 20120220	CN20112270582U 20110728	F03D7/00	BEIJING WENCHUANG YOULIKE NEW ENERGY TECHNOLOGY CO LTD	One-way braking device of wind-power pitch control system
DK2101071T T3 20120109	DE201110002948 20110121; DE201110051092 20110615	F03D11/04	BROSIG STEFAN [DE]	Onshore or offshore wind power plant has pipe with stability same as lattice mast that is arranged, so that flow resistance on one pole or impinging fluid is reduced by flow of fluid around surface structures

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DK2126350T T3 20120206	US20100911090 20101025	F03D11/04; F03D1/00	GEN ELECTRIC [US]	Onshore wind turbine with tower support system
DK2141356T T3 20120116	CN20112415580U 20111027	F01P11/00; F01P11/02; F03D11/00	Jiangsu New United Heavy Industry Science & Technology Co., Ltd.	Open water tank air exhaust device of cooling equipment of wind generator set
DK2146093T T3 20120102	CN20111287698 20110926	F03D3/06	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Openable/closeable blade structure of vertical-axis wind-driven generator wind wheel
DK2162642T T3 20120410	DK20100070343 20100727; US20100360151P 20100630	F03D7/04	VESTAS WIND SYS AS [DK]; HAJ-MAHARSI MOHAMED [US]	OPERATING A WIND POWER PLANT INCLUDING ENERGY STORAGE DURING GRID FAULTS
DK2166223T T3 20120116	KR20100102894 20101021	F03D9/00; F01C21/00; F03D9/02	LEE DAL EUN [KR]	OPERATING APPARATUS FOR AEROGENERATOR
DK2184488T T3 20120123	DE20001022974 20000511	H02P9/00; F03D7/00; F03D7/02; F03D7/04; F03D9/00; H02J3/38; H02J3/40; H02K7/18; H02P9/04; H02P9/42; H02P9/48	WOBLEN ALOYS [DE]	OPERATION METHOD FOR WIND FORCE DEVICE AND WIND FORCE DEVICE
DK2196807T T3 20120625	CN20112226576U 20110630	G02B6/44; F03D7/00	Inner Mongolia Electric Power Survey Design Institute	Optical cable optimization configuration system
DK2213587T T3 20120319	CN20111369264 20111121	F03D9/00; F03D7/06	Shanghai University	Optimal matching method of working equipment directly driven by wind power
DK2215462T T3 20120312	US20100872514 20100831	F03D9/02; F03D9/00; H02J3/32	VESTAS WIND SYS AS [DK]; VIASSOLO DANIEL [US]; HESSELBAEK BO [DK]	OPTIMIZATION OF ENERGY STORAGE DEVICE USAGE IN WIND ENERGY APPLICATIONS

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DK2247873T T3 20120326	CN20111211947 20110727	H02J3/38; F02C6/00; F03D9/00	Nanjing University of Aeronautics and Astronautics	Optimizing method for power supply volume of micro gas turbine adopting microgrid under grid-connected mode
DK2276923T T3 20120123	RU20100148521 20101126	F03D3/04; F01D1/00; F01D5/14; F03D3/06	ZLOBIN VYACHESLAV IVANOVICH [RU]; SPIRIN EVGENIY ANATOL EVICH [RU]; NIKITIN ALEKSANDR ANATOL EVICH [RU]; GOLOVIN MIKHAIL PETROVICH [RU]; VSTOVSKIY ALEKSEY L VOVICH	ORTHOGONAL TURBINE
DK2283233T T3 20120123	US20100409639P 20101103	F01D23/00; F01D1/00; F03B13/12; F03B13/22; F03B17/06; F03D5/06	CANADA NAT RES COUNCIL [CA]; LIU PENGFEI [CA]	OSCILLATING FOIL TURBINE
EA201100270 A1 20120228	US20100388892P 20101001	F03B17/06; F01D23/00; F03B13/12; F03D5/06	UNIV LAVAL [CA]; DUMAS GUY [CA]; KINSEY THOMAS [CA]; LEMAY JEAN [CA]; JEAN YVES [CA]; PLOURDE-CAMPAGNA MARC-ANDRE [CA]; LALANDE GUILLAUME [CA]	OSCILLATING HYDROFOIL, TURBINE, PROPULSIVE SYSTEM AND METHOD FOR TRANSMITTING ENERGY
EP2401454 A1 20120104	CN20112196031U 20110611	F03D9/02; F03D1/06; F03D7/02; F03D11/00	Pan Tiexin	Outdoor miniature wind power generating plant
EP2401497 A1 20120104	KR20100091808 20100917	F03D11/02; F03D7/00	HYUN KYUNG YUL [KR]	OUTPUT CONTROL APPARATUS FOR WIND POWER GENERATOR

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2402107 A1 20120104	WO2010JP71061 20101125	H02P9/04	MITSUBISHI HEAVY IND LTD [JP]	OUTPUT CONTROL METHOD AND OUTPUT CONTROL UNIT FOR WIND POWER PLANT
EP2402529 A2 20120104	TW20100139671 20101118	F03D7/00	ATOMIC ENERGY COUNCIL [TW]	Over speed protector of savonius wind turbine
EP2402590 A1 20120104	CN20112359979U 20110923	F03D9/00; F03D3/00; F03D11/00	Jiahao New Energy Investment Co., Ltd.	Overhead type vertical axis wind power generation system
EP2402591 A2 20120104	CN20111277669 20110919	F03D9/00; F03D11/04	Zhong Jianhua	Overhead wind power generation device with span wire and upright post
EP2402592 A1 20120104	US20100388309P 20100930; GB20100016493 20100930	F03D7/04	VESTAS WIND SYS AS [DK]; COUCHMAN IAN [GB]; SPRUCE CHRIS [GB]; TURNER JUDITH [GB]; EVANS MARTIN [GB]; BOWYER ROBERT [GB]	OVER-RATING CONTROL IN WIND TURBINES AND WIND POWER PLANTS
EP2402593 A1 20120104	US20100388309P 20100930; GB20100016492 20100930	F03D7/04	VESTAS WIND SYS AS [DK]; SPRUCE CHRIS [GB]; TURNER JUDITH [GB]; EVANS MARTIN [GB]; BOWYER ROBERT [GB]	OVER-RATING CONTROL OF WIND TURBINES AND POWER PLANTS
EP2402594 A1 20120104	CN20112349929U 20110919	F03D7/00	Chengdu LEO Wind Power Sensor Co., Ltd.	Over-speed protection device based on principle of tilt sensor for hub of wind generating set
EP2402595 A2 20120104	DE201010045920 20100921	H01H83/10; F03D11/00; H01H3/22; H01H39/00	AUTO KABEL MAN GMBH [DE]	Overvoltage protection device for lightning protection of e.g. land-based wind-power plants, has interfaces forming electrical interruption during and/or after receiving separation signal, so that bridge is separated from cable end
EP2402596 A2 20120104	WO20081B55475 20081219	B65D61/00; B65D85/62; B65D85/68; F03D1/00	Koike, Bento Massahiko	Packing method and packing system for three aerogenerator blades

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EP2402598 A2 20120104	JP20100156220 20100621	F03D3/04	NAKAKUBO HAJIME	PADDLE TYPE WINDMILL PROVIDED WITH AIRFOIL-SHAPED ROOF
EP2402600 A2 20120104	KR20100121218 20101201	F03D11/00; H02J3/00	KOREA ELECTROTECH RES INST [KR]; CHA HONN YONG [KR]; KIM TAE JIN [KR]; YOO DONG WOOK [KR]; LEE JONG PIL [KR]	PARALLEL OPERATING INVERTER WIND POWER GENERATING SYSTEM USING A CURRENT BALANCER
EP2402601 A2 20120104	KR20110007891U 20110831	F03D9/00; F03D11/00; F03D11/02		PARALLEL TYPE HORIZONTAL SUPER DYNAMICS HIGH EFFICIENCY HYBRID TURBINE ENGINE
EP2402602 A2 20120104	KR20110007892U 20110831	F03D9/00; F03D11/00; F03D11/02		PARALLEL TYPE HORIZONTAL SUPER DYNAMICS HIGH EFFICIENCY HYBRID TURBINE ENGINE
EP2402603 A2 20120104	EP20090447040 20090810	F16H57/02; F03D11/02	ZF WIND POWER ANTWERPEN NV [BE]	PARALLELER GETRIEBEBLOCK FÜR EIN GETRIEBE FÜR EIN WINDRAD
EP2402604 A2 20120104	CN20112261663U 20110722	H02K9/19; F03D11/00	GUANGXI GALAXY WIND POWER GENERATION CO LTD	Passive cooling system of wind generator
EP2402631 A1 20120104	CN20112079082U 20110324; CN20112230891U 20110623	E04H3/10; E04H1/12; F03D9/00	ZHEJIANG BUSINESS TECHNOLOGY INST	Pavilion provided with wind driven generating device
EP2402632 A1 20120104	CN20112153423U 20110520	F03D11/00	Liu Hongjing	Pedestal of a waterborne wind generator with a large-area base and a multi-column structure
EP2402717 A1 20120104	WO2009KR06640 20091112; KR20080015256U 20081117	F03D11/04; F03D3/00; F03D3/06; F03D11/00	Ryu, Byung Sue; Yu, Young Sil	Pentagonal truss structure for a generator, and structure for a generating station using same
EP2403707 A2 20120111	KR20110088402 20110901	G01M13/04; F03D11/00	KORE INST MACH & AMP MATERIALS [KR]	PERFORMANCE TESTING DEVICE OF BEARING FOR WIND POWER GENERATOR

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EP2404055 A2 20120111	ZA20090006507 20090918; WO2010IB02329 20100917	H02K1/18; H02K1/04; H02K16/02; H02K23/58	UNIV STELLENBOSCH	Permanent magnet generator
EP2404057 A2 20120111	EP20100179275 20100924	H02K16/04; F03D9/00; H02K3/00	SIEMENS AG [DE]	PERMANENT MAGNET MACHINE WITH TWO STATORS
EP2404058 A2 20120111	JP20100273121 20101208	H02K1/27; F03D9/00; H02K1/04; H02K1/32; H02K15/03	HORI MASAHIRO [JP]; KIMURA MAMORU [JP]; KOMURA AKIYOSHI [JP]; KOIZUMI TAKAYUKI [JP]; FUJIEDA MASAYASU [JP]; MASUDA SEIKICHI [JP]; OBATA NOBUHIKO [JP]	PERMANENT MAGNET ROTATING ELECTRICAL MACHINE AND METHOD FOR MANUFACTURING A ROTOR OF THE SAME
EP2404059 A2 20120111	EP20100007522 20100720	H02K15/03; F03D11/00; H02K1/28	SIEMENS AG [DE]	PERMANENT MAGNET ROTOR ARRANGEMENT AND METHOD FOR PRODUCING SUCH AN ARRANGEMENT
EP2404060 A2 20120111	CN20111338384 20111031	F03D9/02; H02K16/00	Jiangsu Xingmali Technology Co., Ltd.	Permanent magnet synchronization counter-rotating dual-rotor wind driven generator
EP2404695 A1 20120111	CN20101215628 20100629	F03D7/00	Shanghai SPN Technology Co., Ltd.	Permanent magnetic direct-current brushless variable-pitch control system
EP2404743 A1 20120111	CN20101297956 20100930	H02K3/04; F03D9/00; H02J7/14; H02K1/27; H02K11/00	Henan Senyuan Electric Co., Ltd.	Permanent magnetic wind generator system capable of obtaining maximum output power of wind rotor
EP2405130 A1 20120111	CN20112424531U 20111031	F03D9/02; H02K16/00	Jiangsu Xingmali Technology Co., Ltd.	Permanent magnetism synchronous counter-rotation bi-rotor wind-driven generator
EP2405131 A1 20120111	CN20112273589U 20110729	H02K1/27; F03D3/06; F03D9/00; H02K1/12	UNIV HENAN SCIENCE & TECH	Permanent-magnetic wind-power generator with axial main magnetic circuit structure

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EP2405134 A1 20120111	CN20111310208 20111012	F16L53/00; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Petroleum delivery pipeline with wind driven power generation wall
EP2405135 A1 20120111	CN20112389693U 20111012	F16L53/00; F03D9/00	WUXI TONGCHUN NEW ENERGY TECH	Petroleum transportation pipeline with wall temperature increasing device based on wind power generation
EP2406490 A2 20120118	DE201120106818U 20110611	F03D9/00; F03D9/02	HAGEMANN STEITZ BRIGITTE [DE]	Photovoltaik+Wind Speichermodul
EP2406491 A1 20120118	KR20120000913U 20120207	F03D3/04; F03D3/02; F03D11/00; F03D11/04		Pillar type wind electric power generator
EP2406492 A2 20120118	DK20100070512 20101126; US20100417337P 20101126	F03D7/04; F15B11/02	VESTAS WIND SYS AS [DK]	Pilot circuitry for controlling the emergency feathering of wind turbine
EP2406493 A2 20120118	CN20112148276U 20110511	F03D11/04	ZHEJIANG WINDEY WIND POWER CO LTD	Pitch control bearing and wheel hub assembly structure of wind generating set
EP2407664 A2 20120118	WO2010JP02246 20100329; JP20090091818 20090406	F03D7/04	NABTESCO CORP [JP]	PITCH CONTROL DEVICE FOR WINDMILL
EP2409021 A2 20120125	WO2009DK50328 20091210; DK20080001779 20081215; US20080201863P 20081215	F03D7/04	VESTAS WIND SYS AS [DK]	PITCH CONTROL OF A WIND TURBINE
EP2409022 A2 20120125	WO2009JP57753 20090417	F03D7/04; H02P9/04	MITSUBISHI HEAVY IND LTD [JP]	PITCH DRIVE APPARATUS OF WIND GENERATOR AND WIND GENERATOR

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EP2409023 A2 20120125	DE200910046883 20091119; WO2010EP67700 20101117	H02K23/64; B60L11/18; F03D7/04; F03D9/00; H02K27/12; H02P4/00; H02P25/02; H02P29/00	MOOG UNNA GMBH	Pitch drive device for a wind power or hydroelectric power station
EP2409025 A1 20120125	WO2009JP57324 20090410	F03D7/04; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	PITCH DRIVE OF WIND POWER GENERATOR AND WIND POWER GENERATOR
EP2409027 A2 20120125	WO2011JP70594 20110909	F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	PITCH DRIVING UNIT FOR FOR WIND-TURBINE ROTOR BLADE AND WIND POWER GENERATOR EQUIPPED WITH THE SAME
EP2409028 A2 20120125	GB20100020834 20101208; US20100420936P 20101208	F03D7/04	VESTAS WIND SYS AS [DK]	Pitch gear
EP2409029 A2 20120125	GB20100020829 20101208	F03D7/04	VESTAS WIND SYS AS [DK]	Pitch gears
EP2409030 A1 20120125	DK20100070494 20101118	F03D11/00; F03D7/02; F16F15/34	ENVISION ENERGY DENMARK APS [DK]	PITCH SYSTEM BALANCING
EP2409031 A2 20120125	DE201010035615 20100826	F03D7/02	SSB WIND SYSTEMS GMBH & CO KG [DE]; BERTOLOTTI FABIO [DE]; BUELTEL TOBIAS [DE]; STERMANN KARL [DE]	PITCH SYSTEM FOR A WIND POWER PLANT
EP2409380 A1 20120125	US201113205747 20110809	F03D1/06	GEN ELECTRIC [US]	PITCHABLE WINGLET FOR A WIND TURBINE ROTOR BLADE
EP2409389 A1 20120125	CN20111377850 20111124	F03D7/00	Zhejiang Huaying Wind Power Generator Co., Ltd.	Pitch-changing linear driving mechanism of small and medium size wind driven generator

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2409913 A1 20120125	CN20101215636 20100629	F03D7/00	Shanghai SPN Technology Co., Ltd.	Pitch-withdrawing control system
EP2410171 A1 20120125	CN20112261689U 20110722	F03D11/00; F16C35/02; F16F15/02	DENG YUNHE [CN]	Pivot joint device for perpendicular shaft wind driven generator
EP2410172 A1 20120125	US201113135486 20110707; US20100399267P 20100708	F03D11/04; B23P17/04	RUTHERFORD JOHN [US]	Pivoting structural cellular wall for wind energy generation
EP2410173 A2 20120125	ES20100000420 20100330	F03D11/02; F16H57/08	GAMESA INNOVATION & TECH SL [ES]	PLACA BOGIE PARA AEROGENERADOR
EP2410174 A1 20120125	EP20100004567 20100430	F16H3/44; F03D11/00; F16C33/06; F16C33/12; F16H57/04; F16H57/08	WINERGY AG [DE]	Planet gear speed changer for wind power generation equipment
EP2410175 A1 20120125	EP20100006704 20100629	F16H55/08; F03D11/02	SIEMENS AG [DE]; WINERGY AG [DE]	Planetary gear for a main loading direction
EP2410176 A2 20120125	DE201010043817 20101112	F16H57/04; F03D11/04	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]	Planetary gear for e.g. wind turbine, has lubricant feed unit attached to lubricant channels of planetary gear stage for lubricant delivery and provided in region of drive side of planetary gear stage
EP2411665 A1 20120201	WO2010JP64762 20100831	F16H57/02; F03D1/00; F03D11/02; F16B39/22; F16B39/30; F16C17/04; F16C35/02	mitsubishi heavy ind ltd [JP]; ishikawaji mfg co ltd [JP]; suzuki kazutaka [JP]; takayanagi kazufumi [JP]; nishida hideaki [JP]; nishioka tadasukey [JP]; goya toshiharuy [JP]	PLANETARY GEAR MECHANISM AND WIND-POWERED POWER GENERATION DEVICE
EP2411666 A2 20120201	JP20100230702 20101013	F16H1/32; F03D7/04	SUMITOMO HEAVY INDUSTRIES	Planetary gear speed reducer

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EP2411667 A2 20120201	US201113210740 20110816	F03D11/02; F16H57/08	GEN ELECTRIC [US]	PLANETARY GEAR SYSTEM
EP2411669 A2 20120201	WO2010JP64788 20100831	F16C33/12; F03D11/00; F03D11/02; F16C43/02; F16H1/28; F16H55/06; F16H57/08; H02K7/116	MITSUBISHI HEAVY IND LTD [JP]; DAIDO METAL CO LTD [JP]	PLANETARY GEAR TRAIN, BEARING STRUCTURE, WIND TURBINE GENERATOR, AND MANUFACTURE METHOD OF PLANETARY GEAR
EP2411671 A1 20120201	KR20100110714 20101109	F03D11/00; F03D11/02	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	PLANETARY GEARS UNIT FOR A WIND POWER GENERATOR
EP2412970 A1 20120201	JP20100205174 20100914	F16H1/28; F03D3/06; F03D9/00; F03D11/02; H02K7/116; H02K7/18; H02K21/24; H02K49/10	WINPRO CO LTD [JP]	PLANETARY MAGNET GEAR DRIVE TYPE GENERATOR AND WIND POWER GENERATOR DEVICE USING THE SAME
EP2412971 A1 20120201	DE201010060147 20101025	F16H57/04; F03D11/04	EICKHOFF ANTRIEBSTECHNIK GMBH [DE]	Planetengetriebe mit einem Zentralverteiler
EP2412972 A1 20120201	GB20090008778 20090520	F03D11/02; F16H1/28	ZF WIND POWER ANTWERPEN NV [BE]	PLANETENGETRIEBEEINHEIT
EP2412973 A2 20120201	EP20070076110 20071219	F16H57/08; F03D1/00; F03D11/02; F16H1/28	GAMESA INNOVATION & TECH SL [ES]; ZF WIND POWER ANTWERPEN NV [BE]	PLANETENTR?GER F?R EINE PLANETENSTUFE MIT DREHPLATTE.
EP2412974 A2 20120201	GR20100100397 20100720	F03G7/00; F03D9/00; F03G7/04	GIANNAKODIMOS IOANNIS-ANTONIOS [GR]	PLANT FOR ENERGY PRODUCTION FROM RENEWABLE SOURCES

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EP2412975 A2 20120201	IT2010MI02022 20101029	F03B13/18; F03D9/00	VENTURY DI ACHILLE GRIGNANI [IT]; GRIGNANI ENRICO [IT]; GRIGNANI ACHILLE [IT]	PLANT FOR THE PRODUCTION OF ELECTRICAL ENERGY IN COASTAL AREAS USING WAVE
EP2414671 A1 20120208	DE200710002136 20070110	F03D11/00; F03D7/02; F16D65/18	NORDEX ENERGY GMBH [DE]	PLANTA DE ENERGIA EOLICA CON UN FRENO DE ROTOR ACCIONADO HIDRAULICAMENTE Y PROCEDIMIENTO PARA EL CONTROL HIDRAULICO DE UN FRENO DE ROTOR.
EP2414672 A2 20120208	ES20090002308 20091211	F03D9/00; F03D11/04	GRUPO DE INGENIERIA OCEANICA S L [ES]	PLATAFORMA OCEANICA POLIVALENTE Y SU PROCEDIMIENTO DE FABRICACION E INSTALACION
EP2414673 A1 20120208	CN20111247773 20110824	F03D11/04	SANY ELECTRIC CO LTD [CN]	Platform for transporting and mounting offshore wind turbine and amplitude variation device thereof
EP2414692 A1 20120208	CN20111282185 20110922	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	PLC (programmable logic controller) control system for pitch control systems
EP2416006 A2 20120208	US20100364364P 20100714	F03D9/02	HERZEN BRIAN VON [US]; FRAZIER SCOTT R [US]	PNEUMATIC GEARBOX WITH VARIABLE SPEED TRANSMISSION AND ASSOCIATED SYSTEMS AND METHODS
EP2416007 A2 20120208	CN20101527125 20101102	C02F7/00; A01K63/04; F03D9/00	Yancheng Xiongya Shock Absorber Co.,Ltd.	Pneumatic impeller aerator
EP2416008 A1 20120208	CN20101212536 20100629	F03D9/00; F03D3/00; F03D3/06; H02N6/00	Sun Shanjun	Pneumatic light complementary power generation device
EP2416009 A1 20120208	CN20112127289U 20110427	F03D9/00; F03D1/06; F03D11/00	Guizhou Huajun Group Technology Co., Ltd.	Pneumatic well type horizontal wind driven generator
EP2416986 A2 20120215	DE200910005960 20090123	F03D11/00; F03D9/00; H02K7/18	AVANTIS LTD [CN]	POLE WHEEL FOR A WIND TURBINE

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EP2418375 A1 20120215	EP20100193263 20101201	F03D1/06; B29D99/00; C08G18/32; C08G18/40; C08G18/42; C08G18/48; C08G18/50; C08G18/66; C08K7/14; C08K7/22; C08K7/28	BASF SE [DE]	Polyurethane foamcore for producing blades, in particular for wind power turbines
EP2418376 A1 20120215	CN20111417221 20111214	F03B13/00; B63B35/34; F03B9/00; F03D9/00; H02J3/38; H02J7/00; H02K7/18; H02N6/00	Pang Zhisen;Wang Wenzhong;Zhang Dazhong;Pang Ming;Yichang Fazhong Shipping Co., Ltd.	Pontoon and water flow power generation combined power station
EP2418377 A1 20120215	TW100144807 20071019	F03D7/06; F04D29/046	PREC MACHINERY RES & AMP DEV CT [TW]	Portable electric power generator
EP2418379 A1 20120215	KR20100080099 20100819	F03D11/04; F03D1/02; F03D1/04; F03D9/00	KIM JUNG BAE [KR]	PORTABLE GENERATORS
EP2418380 A1 20120215	AU20090227832 20091016; AU20120100403 20120411	F03D11/04; F03D1/00; F03G6/00; H02J4/00	JUSTJIM PTY LTD	Portable Power Generation Device

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2418381 A1 20120215	KR20100082195 20100824	F03D3/06; F03D7/06; F03D11/00; F03D11/02	PARK KWANG HYEON [KR]; JUNG HAE OK [KR]; LIM SUN HEE [KR]; KIM DAE YANG [KR]; KWON YOUNG GOO [KR]; LEE SEONG HYEON [KR]; PARK JAE MAN [KR]	PORTABLE VERTICAL-AXIS WIND TURBINE USING A MULTITUDE OF STRAIGHT-BLADED VERTICAL-AXIS WIND BLADES
EP2418383 A2 20120215	CN20112191096U 20110608	F03D11/00; F03D9/00; H01L31/02; H01L31/042	Beijing Toyoda Technology Co.,Ltd.	Portable wind and photovoltaic hybrid power supply device with perpendicular shaft
EP2418384 A1 20120215	CN20112229690U 20110630	F03D11/00	ZHEJIANG WINDEY WIND POWER CO LTD	Portable wind generating set jiggering apparatus
EP2418397 A1 20120215	CN20112182881U 20110601	F03D11/00	XI AN DUNAN ELECTRIC CO LTD	Positioning frame for oil receiving box
EP2418759 A2 20120215	CN20111363705 20111116	F03D9/00; F03D7/00; H02J3/38	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD; BEIJING TIANYUAN CREATION	Power adjusting method and device in wind farm
EP2419623 A1 20120222	CN20101250626 20100811	F03D7/04	SINOVEL WIND GROUP JIANGSU CO LTD [CN]; GONG YUPENG [CN]; XIN LIFU [CN]; LI LEI [CN]	POWER CONTROL METHOD FOR WIND TURBINE GENERATOR UNIT
EP2419624 A1 20120222	WO2010ES70581 20100906	F03D9/00; H02M5/458	INGETEAM ENERGY SA [ES]; ZABALETA MAEZTU MIKEL [ES]; MARCEN GONI FRANCISCO JAVIER [ES]; GIRONES REMIREZ CARLOS [ES]; SOLE LOPEZ DAVID [ES]	POWER CONVERSION SYSTEM AND ASSOCIATED METHOD
EP2419625 A1 20120222	EP20100382294 20101111	F03D9/00; H02P9/00	INGETEAM ENERGY SA [ES]	Power converter control method

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2419626 A1 20120222	EP20060808520 20061113; GB20050023087 20051111; GB20050024635 20051202	H02P9/04; F03D7/02; H02J3/38; H02M5/458	CONVERTEAM UK LTD [GB]	Power converters
EP2419628 A2 20120222	TW20100137139 20101029	F03D1/00; F03D1/04; F03D11/02	NOVARK TECHNOLOGY INC [TW]	Power device
EP2419629 A2 20120222	CN20101216324 20100702	F03D1/00; F03D1/04; F03D9/02	CONG YANG [CN]	Power device using wind energy and wind energy collecting system
EP2419630 A2 20120222	CN20112236326U 20110706	F03D3/00; F03B3/00; F03B3/14; F03B15/00; F03D3/06; F03D7/06	Chen Jiande	Power driven device for hydroelectric and wind generator
EP2419632 A2 20120222	TW20100138037 20101105	F04D25/08; F03D9/02	UNIV NAT YUNLIN SCI & TECH [TW]	Power generatable ventilation outlet system
EP2419633 A1 20120222	WO2010JP06977 20101130; WO2010JP06981 20101130; WO2011JP58647 20110405; WO2011JP71674 20110922; WO2011JP71676 20110922; WO2011JP71677 20110922	F03D11/02; F03D9/00; F03D11/00	mitsubishi heavy ind ltd [JP]; KAMEDA TAKURO [JP]; ROBERTSON ALASDAIR [GB]; DODSON HENRY [GB]; UWE STEIN [GB]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2419991 A1 20120222	WO2011JP68284 20110810	F03D9/00	mitsubishi heavy ind ltd [JP]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE
EP2420625 A2 20120222	WO2011JP03002 20110530; WO2010JP06978 20101130; WO2010JP06981 20101130; WO2010JP06979 20101130; WO2010JP06977 20101130; WO2010JP06982 20101130; GB20100009012 20100528; GB20100009013 20100528	F03D9/00	mitsubishi heavy ind ltd [JP]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE
EP2420671 A1 20120222	WO2011JP58647 20110405	F01D13/00	mitsubishi heavy ind ltd [JP]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE
EP2420672 A2 20120222	WO2011JP58648 20110405	F03D11/02; B23P11/00	mitsubishi heavy ind ltd [JP]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE AND METHOD FOR INSTALLING HYDRAULIC PUMP

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2421710 A2 20120229	WO2011JP03005 20110530; WO2010JP06979 20101130; WO2010JP06978 20101130; WO2010JP06982 20101130; GB20100009012 20100528; GB20100009013 20100528	F03D3/06	MITSUBISHI HEAVY IND LTD [JP]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE AND METHOD OF OPERATING THE SAME
EP2422029 A2 20120229	GB20100020264 20101130; GB20100020263 20101130; WO2010JP06977 20101130; WO2010JP06978 20101130; WO2010JP06979 20101130; WO2010JP06982 20101130; WO2010JP06981 20101130; WO2011JP00920 20110218; WO2011JP00917 20110218; WO2011JP03002 20110530; WO201	F03D9/00; F03D7/02	MITSUBISHI HEAVY IND LTD [JP]; HASHIMOTO JUN [JP]; WAKASA TSUYOSHI [JP]; BALDINI FRANCESCO [GB]; CALDWELL NIALL [GB]; TAYLOR JAMIE [GB]; DUMNOV DANIIL [GB]	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE AND OPERATION METHOD THEREOF

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2422076 A2 20120229	KR20100012861U 20101213	F03D9/00; F03D3/00; F03D11/00; H01L31/042	PARK YOUNG GIL [KR]	POWER GENERATING APPARATUS USING SOLAR LIGHT AND WIND POWER
EP2422077 A2 20120229	CN20111199918 20110718	F03D9/00; F03D1/00; F03D3/04; F03D3/06; F03D11/00	QINGDAO MORSHINE WIND POWER TECHNOLOGY CO LTD	Power generating device of combining solar energy with wind energy
EP2422078 A1 20120229	CN20111424642 20111216	F03D9/00; F03D5/04	ZAIJUN PENG	Power generating device with rail and wind sails
EP2422079 A2 20120229	CN20111437899 20111223	F03D9/02; F03D1/06	Zhejiang University	Power generating set
EP2422080 A1 20120229	US20090546882 20090825; WO2010US46419 20100824	F03D9/00; F03D1/00; F03D1/02; F03D11/00	SHEER WIND INC [US]	Power generating skin structure and power generation system therefor
EP2422081 A1 20120229	JP20100019250 20100129; JP20100022465 20100203; JP20100043182 20100226; JP20100083379 20100331	F03G7/06; F03D9/00; H05B6/02	SUMITOMO ELECTRIC INDUSTRIES [JP]	Power generating system
EP2422082 A2 20120229	WO2008AU00785 20080603; AU20070903060 20070607	F03D9/02; H01M8/04; H01M8/18; H01M10/44; H02J7/00	Fuel Pty Ltd	Power generating system capable of generating and storing electric power
EP2422083 A2 20120229	TW20100124818 20100728	F03D3/00; F03D1/00	QIU JIN-HE [TW]	Power generation device

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EP2422084 A2 20120229	CN20112343933U 20110914	F03D9/00; F03B13/00	Yu Hongyi	Power generation device combining wind and water
EP2422085 A1 20120229	KR20100107893 20101101	F03D5/00; F03D11/02; F03G3/00	JAY EUNG JUNG KIM [US]; KIM KWANG SIK [KR]; KIM EUNG HO [US]	POWER GENERATION INSTALLATION
EP2422420 A1 20120229	KR20100090369 20100915	F03D3/06; F03D7/06; F03D11/00	AERONET INC [KR]	POWER GENERATION SYSTEM OF VERTICAL WIND TURBINE WITH CONNING ANGLE CHANGE
EP2422421 A1 20120229	CN20112368841U 20110930	F03D9/00; F03D1/06; F03D11/00; F27D17/00	Zunyi City Guike Technology Co., Ltd.	Power generation system utilizing smoke exhausted by fan
EP2422929 A1 20120229	US201013390569 20100827; US20090238475P 20090831; WO2010US46902 20100827	F03D9/00; F03D7/02; F03G6/04	GLEZER ARI [US]; SIMPSON MARK [US]	Power Generation Using Buoyancy-Induced Vortices
EP2423499 A1 20120229	JP20100198273 20100818	F03D9/00; F03B7/00	TAKI KENJIRO	POWER GENERATION WITH WINDMILL, COIL, AND MAGNET
EP2423500 A1 20120229	KR20100096675 20101005	F03D9/00; B60L8/00	HER SOON HEAUNG [KR]; LEE SEONG CHUL [KR]	POWER GENERATOR
EP2423501 A1 20120229	JP20110229279 20111018	F03D5/06	SASAMOTO TSUYOSHI	POWER GENERATOR
EP2423502 A1 20120229	JP20100246754 20101102	F03D9/00	OILES INDUSTRY CO LTD	POWER GENERATOR AND POWER GENERATION METHOD
EP2423503 A2 20120229	TW100208263U 20110510	F03D5/00	CAI GUI-HUA [TW]	Power generator capable of generating renewable electricity by utilizing forced air-flow
EP2424811 A1 20120307	KR20100113236 20101115	H02J7/00; F03D3/00; H01L31/05	RYU JAE-HAK [KR]	POWER GENERATOR OF HYBRID TYPE

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EP2425126 A1 20120307	US20100360704P 20100701; US20100973583 20101220	F03G7/00; F03D9/00; F03G7/06	TWIN DISC INC [US]; SAMI SAMUEL M [US]; WILSON EDWIN E [US]; BRATEL DEAN J [US]; BATTEN JOHN H [US]	POWER GENERATOR USING A WIND TURBINE, A HYDRODYNAMIC RETARDER, AND AN ORGANIC RANKINE CYCLE DRIVE
EP2425127 A1 20120307	JP20100214604 20100925	F03D9/00	HAYATSU TERUO	POWER GENERATOR, AND MOTOR VEHICLE
EP2425128 A1 20120307	CN20112414405U 20111027	F03D9/00; H02K7/10	Jiangsu New United Heavy Industry Science & Technology Co., Ltd.;New United Group	Power grid friendly type wind power generator set
EP2425129 A2 20120307	EP20100181108 20100928	H02J3/24; F03D7/04; H02P9/48	SIEMENS AG [DE]; ANDRESEN BJOERN [DK]; FRYDENBJERG MICHAEL NOERTOFT [DK]; KNUEPPEL THYGE [DK]	POWER OSCILLATION DAMPING BY A CONVERTER-BASED POWER GENERATION DEVICE
EP2425131 A1 20120307	KR20100092800 20100924	F03D7/00; F03D7/04	KOREA ELECTRIC POWER CORP [KR]	POWER PERFORMANCE ENHANCEMENT OF WIND TURBINE AND METHOD OF THE SAME
EP2425132 A1 20120307	FR20100059000 20101102	H02J3/38; F03D9/02; H01L31/058; H02J7/34	ERYMA SECURITY SYSTEMS [FR]	Power plant for generating electric energy from e.g. wind energy to supply electric energy to portable telephone, has photovoltaic and/or thermoelectric units mounted above wind turbine such that flow of air mixed by turbine cools units
EP2425133 A1 20120307	LT20100000076 20100927	F03D9/00; F03D11/00; F04D9/00	BONDARCIUK ALEKSANDR [LT]	POWER PLANT OF WIND AND WATER SWAY, WAVES AND UNDERWATER CURRENTS
EP2425999 A1 20120307	RU20100152301 20101221	F03B17/06; F03D5/06	PAVLOVICH ALEKSEJ KONSTANTINOVICH [RU]; PAVLOVICH KONSTANTIN SERAFIMOVICH [RU]	POWER PLANT TO CONVERT ENERGY OF AIR OR WATER FLOW CURRENTS

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2426352 A2 20120307	DE201010032223 20100726	F03D1/04; F03D1/02	ALPHACON GMBH [DE]	Power production plant i.e. wind-power plant, for generating electrical power, has generator whose rotor assembly is arranged in conical inlet portion of housing, where outer side of housing is provided with flexible sheath
EP2426353 A1 20120307	EP20100009898 20100920	F03D11/00; F16H1/22; F16H57/021; F16H57/023; F16H57/038	WINERGY AG [DE]	Power splitting drive device for wind power device
EP2426356 A2 20120307	KR20100092023 20100917	H02J7/00; F03D9/02; H02J7/35; H02N2/00	JINWOO SOFT INNOVATION [KR]	POWER SUPPLY APPARATUS FOR SMART SENSOR-NODE USING ENERGY HARVESTING
EP2426393 A1 20120307	GB20100018938 20101109	H02J7/34; F03D9/02; H02J7/35	SCIENTECH FZC [AE]	Power supply having first and second energy stores
EP2428676 A1 20120314	CN20112280013U 20110803	H02J7/35; F02B43/10; F02B63/04; F03D9/00	Beijing Energy-Net De. Ltd.	Power supply system
EP2428678 A1 20120314	KR20100100074 20101014	F03D9/00; F03B13/00; F24J2/02; F24J3/08	FUTURE ENGINE CO LTD [KR]	POWER SUPPLY SYSTEM USING RENEWABLE ENERGY AND THE CONTROL METHOD THEREOF
EP2429073 A2 20120314	TW20100225467U 20101230	F03D9/02	UNIV WUFENG [TW]	Power system capable of storing potential energy
EP2430304 A2 20120321	KR20100086662 20100903	F03D9/00; F03B13/12; F03D7/00; H01L31/042	KOREA MARITIME UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]	POWER SYSTEM USING RENEABLE ENERGY FOR OCEAN FACILITY

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
EP2430305 A2 20120321	US201113102493 20110506; US20100374327P 20100817	F03D11/02; F04D13/02; F16L41/00	UNIV STATE CLEVELAND [US]	POWER TRANSMISSION SYSTEM
EP2431603 A1 20120321	KR20100089374 20100909	F03D9/00; F03D1/02; F03D1/04; F03D11/04	KIM SANGSEO [KR]	POWER-GENERATING APPARATUS
EP2431604 A1 20120321	CN20112127977U 20110427	F03D9/02; F03D3/02; F03D3/06; F03D7/06; F04D25/04; F04D25/06; F04D25/08	Sun Shanjun	Power-generating self-driving fan of wind-energy and solar-energy roof
EP2431606 A1 20120321	WO2010SE50213 20100224; SE20090050105 20090227	E04H12/12	ERICSSON ROGER [SE]	PREFABRICATED WALL ELEMENT FOR TOWER CONSTRUCTION, AND TOWER CONSTRUCTION
EP2431608 A2 20120321	US20090424617 20090416	F03D7/04	FRONTIER WIND LLC [US]	PRESSURE BASED LOAD MEASUREMENT
EP2431609 A2 20120321	IE20090000476 20090619; IES20090598 20090731; WO2010EP58655 20100618	F03D1/04	NEW WORLD ENERGY ENTPR LTD [IE]; ATLAS INTELLECTUALPROPERTY	PRESSURE CONTROLLED WIND TURBINE ENHANCEMENT SYSTEM

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EP2432991 A1 20120328	WO2010CN72399 20100503; CN20091107196 20090501; CN20091107195 20090501	F17C5/06; B60L8/00; F03D5/00; F03D9/00; F17C13/10	CONG YANG [CN]	PRESSURE-REDUCING GAS STORAGE DEVIC, GAS INJECTION SYSTEM AND AUTOMOBILE
EP2432992 A1 20120328	US20100974506 20101221	F03D11/00	GEN ELECTRIC [US]	Pre-stressed stiffening system for a wind turbine generator frame
EP2432993 A2 20120328	WO2009US69416 20091223; US20080140710P 20081224	F03D9/00	Martino Dominick Daniel	Prime mover
EP2432994 A1 20120328	US201113334550 20111222	F03D9/00	VESTAS WIND SYS AS [DK]	PROBING POWER OPTIMIZATION FOR WIND FARMS
EP2432998 A1 20120328	FR20100057827 20100928	G01M99/00; F03D1/00; F03D11/00	ASTRIUM SAS [FR]	PROCEDE ET DISPOSITIF DE CONTROLE NON DESTRUCTIF DE PALES D'EOLIENNES
EP2432999 A1 20120328	DK20070001444 20071005	F03D11/00; F03D7/02	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	PROCEDIMIENTO DE DESHIELO DE UNA PALA DE UNA TURBINA EOLICA, UNA TURBINA EOLICA Y USO DE LA MISMA.
EP2433001 A2 20120328	DE200810007448 20080201	H02J3/46; F03D9/00	WOODWARD SEG GMBH & CO KG [DE]; WOODWARD KEMPEN GMBH [DE]	PROCEDIMIENTO PARA HACER FUNCIONAR UNA TURBINA EOLICA.
EP2434145 A1 20120328	DE201010015595 20100419; DE201110007085 20110408	F03D7/02; F03D11/00	WOBBEN ALOYS [DE]	PROCEDIMIENTO PARA OPERAR UNA INSTALACION DE ENERGIA EOLICA
EP2434147 A1 20120328	US20070675110 20070215	H02K55/02; F03D9/00	GEN ELECTRIC [US]	PROCEDIMIENTO Y APARATO PARA UN GENERADOR SUPERCONDUCTOR ACCIONADO POR UNA TURBINA EOLICA.
EP2434149 A1 20120328	ES20090001877 20090921	H02P21/00	GAMESA INNOVATION & TECH SL [ES]	PROCEDIMIENTO Y SISTEMA DE CONTROL PARA GENERADORES DE TURBINAS DE VIENTO

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EP2434151 A2 20120328	IT2006TO00400 20060531; WO2007IB01397 20070529	B64D15/20; F03D11/00; G08B19/02	SISVEL SPA [IT]; S I SV EL S P A SOCIETA ITALIANA PER LO SVILUPPO DELL ELETTRONICA [IT]	PROCEDIMIENTO Y SISTEMA PARA DETECTAR EL RIESGO DE LA FORMACION DE HIELO EN LAS SUPERFICIES AERODINAMICAS.
EP2434152 A2 20120328	RO20110000569 20110616	F03D11/00; F03D11/04	INST NATIONAL DE CERCETARE DEZVOLTARE AEROSPATIALA ELIE CARAFOLI INCAS [RO]	PROCESS FOR IMPROVING THE THERMAL COMFORT AND REDUCING THE NOXIOUS SUBSTANCES AT THE GROUND LEVEL
EP2434153 A1 20120328	ES20100001212 20100922	F03D1/00; F03D11/04	INNEO TORRES S L [ES]; ESTEYCO EN S L [ES]; FERNANDEZ GOMEZ MIGUEL ANGEL [ES]; JIMENO CHUECA JOSE EMILIO [ES]	PROCESS FOR INSTALLING AN OFFSHORE TOWER
EP2434607 A2 20120328	DE201010002131 20100218	B29C70/44; B29C70/48; F03D1/06	WOBBEN ALOYS [DE]	Process for the production of wind power installation rotor blades and a wind power installation rotor blade
EP2434631 A1 20120328	KR20120001177U 20120216	F03D9/00; F03B13/00; F03B13/26; F03D11/00		Producing system of electric power on the sea by combining Tidal current generation with Wind power generation
EP2435666 A2 20120404	CA20102725718 20101216	F03D3/02; F03D5/00	GUAY YVAN [CA]	PRODUIT "EOLGREEN/YVAN R'GUAY"
EP2435695 A2 20120404	CN20111282266 20110922	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Programmable logic control (PLC) control system
EP2435696 A1 20120404	JP20100268336 20101201; JP20110209620 20110926	F03D1/06; F03D11/00	MATSUDA ISAMU [JP]	PROPELLER TYPE WINDMILL AND WIND POWER GENERATION APPARATUS

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EP2435697 A1 20120404	NL20091036846 20090410; NL20091036968 20090519; WO2010NL00064 20100409	F03D1/06; B29C65/48; B29C67/00	XEMC DARWIND B V [NL]	PROTECTED WIND TURBINE BLADE, A METHOD OF MANUFACTURING IT AND A WIND TURBINE
EP2435698 A1 20120404	CN20111247283 20110824	B66F11/00; F03D11/00	SANY ELECTRIC CO LTD [CN]	Protecting and holding device and embracing and lifting mechanism of fan
EP2436924 A1 20120404	WO2009ES70178 20090522	H02M5/458; F03D9/00; H02M1/12; H02M1/14; H02M1/44	INGETEAM ENERGY SA [ES]	PROTECTION CIRCUIT FOR A WIND-POWER GENERATOR
EP2437997 A1 20120411	CN20111139691 20110527	F03D7/00	Xinjiang Windpower Co., Ltd.	Protection method for carrying out predictive analysis on vibration condition of wind turbine blades
EP2438299 A2 20120411	DE201010038311 20100723	B65D90/12; E04H12/12; F03D11/04	WOBLEN ALOYS [DE]; ALBRECHTS HARALD [DE]	PROTECTIVE FOOT FOR A UNIT LOAD, IN PARTICULAR CONCRETE TOWER SEGMENTS
EP2438300 A2 20120411	CN20112326240U 20110902	F03D1/06	Jilin University	Protrusion type horizontal axis wind turbine blade
EP2439403 A1 20120411	US20100409262P 20101102	F04B43/02; F03D9/00; F04B53/10	PAWLAK BOGDAN [CA]; SALEK ZBIGNIEW [CA]; FALACINSKI ANDRZEJ [CA]	RADIAL DIAPHRAGM PUMP
EP2439405 A1 20120411	CN20112233337U 20110705	F16L3/02; F03D11/00; F16F15/04; F16F15/067	BAODING XINFENG POWER FITTINGS CO LTD	Radial multi-axle shimmy damper of twisting cable
EP2439406 A1 20120411	CN20112298078U 20110811	F03D3/06; F03D9/00; F03D11/00; F21V29/00	Gu Renfa	Radiating power generation device for light-emitting diode (LED) lamps
EP2439407 A2 20120411	WO2010JP64057 20100820	F03D9/00; F03D11/00	WINPRO CO LTD [JP]; HARA AKIO [JP]	RADIO TOWER INCLUDING POWER SUPPLY DEVICE UTILIZING RENEWABLE ENERGY

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EP2439408 A2 20120411	CN20111343261 20111103	F03D5/04; F03D7/00	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD	Rail type wind-driven power system
EP2439562 A1 20120411	CN20112132946U 20110420	F03D9/00; F03D1/06; F03D11/00	CANGJUN YANG	Rain propeller
EP2440709 A1 20120418	CN20112261140U 20110722	F03D11/00	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	Rainproof and dustproof structure between air guide sleeve and engine room
EP2440774 A2 20120418	CN20112261692U 20110722	F03D11/04	YUNHE DENG	Rainproof and dustproof tower column of vertical wind power generator
EP2440780 A2 20120418	CN20112261090U 20110722	F03D11/00	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	Rain-proof dust-proof structure between a blade and a diversion cover
EP2440781 A1 20120418	WO2010EP61233 20100802	H02J3/18; F03D9/00; H02J3/50	ALSTOM WIND S L U [ES]; MATA DUMENJO MONTSERRAT [ES]; CARULLA PIERA JORDI [ES]	REACTIVE POWER REGULATION OF A WINDPARK
EP2440783 A1 20120418	CN20112173496U 20110527	F03D11/00	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Rear frame of wind power generation unit
EP2441950 A1 20120418	AU20120100069 20120123	F03D9/00; F03D1/00; F03D5/04; F03D11/04	CHEN CHUNG-HSIEN	Rear-mounted vehicular wind power generator system
EP2441953 A1 20120418	US20100366996P 20100723	F03D11/00	ERICO INT CORP [US]; FLEMMING MATTHEW [US]; CAIE MATTHEW [US]; KAY ETHAN [US]; AMBROGIO NICHOLAS J [US]	RECEPTOR FOR WIND TURBINE BLADE LIGHTNING PROTECTION

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EP2441954 A2 20120418	US201013143846 20100112; DK20090000039 20090112; US20090143997P 20090112; WO2010EP50280 20100112	F03D9/00; H02M7/44	KJAER PHILIP CARNE [DK]; HELLE LARS [DK]	RECONFIGURABLE POWER CONVERTER MODULE
EP2441955 A1 20120418	CN20101539514 20101111	F03D7/00	Hao Yanhui	Recovery control method for transmission gear of wind driven generator
EP2442089 A1 20120418	EP20100382317 20101125	B63B35/44; B63B39/00; B63H25/42; F03D11/00; F03D11/04	ALSTOM WIND S L U [ES]	Reducing oscillations in offshore wind turbines
EP2443031 A1 20120425	JP20100173973 20100802	F03D11/02	SUMITOMO HEAVY INDUSTRIES	REDUCTION GEAR APPARATUS OF WIND POWER GENERATION EQUIPMENT
EP2443339 A1 20120425	IT2010BO00109U 20101029	F03D7/00; F03D11/00	BONFIGLIOLI RIDUTTORI SPA [IT]	REDUCTOR EPICICLOIDAL
EP2443341 A2 20120425	DE201010010958 20100310; WO2011EP52726 20110224	F03D7/02; F03D9/00	SSB WIND SYSTEMS GMBH & CO KG [DE]	Redundant pitch control system
EP2444571 A1 20120425	CN20111323869 20111023	G05B19/418; F01D15/10; F03D9/00; F24F11/02; F25B15/00; F25B49/04; G06F19/00	Xi'an Jiaotong University	Refrigeration scheduling system and method by adopting back-pressure type cogeneration unit and wind-power output
EP2444656 A2 20120425	US20100943607 20101110	E04H12/08; F03D11/04	GEN ELECTRIC [US]	Reinforcement assembly for use with a support tower of a wind turbine

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EP2444661 A1 20120425	US20100972841 20101220	F03D11/04	GEN ELECTRIC [US]	Reinforcement system for wind turbine tower
EP2444663 A2 20120425	KR20100115005 20101118	F03D7/00; F03D11/00	DAEWOO SHIPBUILDING & MARINE [KR]	REMOTE CONTROL SYSTEM AND METHOD FOR WIND POWER GENERATION IN EMERGENCY STOP SITUATION
EP2444694 A1 20120425	CN20121001983 20120105	F03D7/00	Shandong Electric Power Research Institute	Remote real-time monitoring system used for wind power station group
EP2446529 A2 20120502	DE201010040596 20100910	F03D1/06	WOBLEN ALOYS [DE]; OLTHOFF GERHARD [DE]	REMOVABLE ROTOR BLADE TIP
EP2447420 A1 20120502	GB20100020264 20101130; WO2011JP00917 20110218	F03D9/00; F03D11/02	mitsubishi heavy ind ltd [JP]; RAMPEN WILLIAM [GB]	RENEWABLE ENERGY EXTRACTION DEVICE SUCH AS A WIND TURBINE WITH HYDRAULIC TRANSMISSION
EP2447521 A2 20120502	GB20100020263 20101130	F16H61/472; F03D9/00; F03D11/02; F16H39/20; F16H61/4192; F16H61/478	MITSUBISHI HEAVY IND LTD [JP]	Renewable energy extraction device tolerant of grid failures
EP2447523 A1 20120502	WO2010US59786 20101210; US201113298678 20111117	F01D1/02; F02D25/00; F03B13/00; F03D9/00	ABRAMOV YURI [IL]; SOLITON HOLDINGS CORP DELAWARE CORP [US]	RENEWABLE STREAM ENERGY USE
EP2447524 A1 20120502	US20100825732 20100629	F03D11/00; A62B1/06	GEN ELECTRIC [US]	Rescue kit for a wind turbine, a wall for a wind turbine, and a portion of a compartment of a wind turbine
EP2447525 A1 20120502	CN20101263305 20100826	F03D3/06; F03D3/04	MENG YINGZHI [CN]	Resistanceless type fan or wind-driven generator
EP2447527 A1 20120502	CN20112314183U 20110824	F03D1/06	Kunming Fengchao Science Co.,Ltd.;Wang Yuezong;Peng Mingjun	Resisting force and lifting force compound drive wind turbine blade

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EP2447528 A1 20120502	CN20111449491 20111229	F03D9/00; F03D1/00; F03D7/04	QINGDAO MORSHINE WIND POWER TECHNOLOGY CO LTD	Revolving shaft empennage mechanism for horizontal shaft wind driven generator
EP2447530 A2 20120502	US20100889441 20100924	F03D9/00; F03D9/02	HERNANDEZ FRANK [US]; HERNANDEZ WENDY [US]	RIDGE CAP WIND GENERATION SYSTEM
EP2447531 A1 20120502	CA20102724366 20101201	F03D9/00	RIGITANO ANTONIO [CA]	RIGITANO ROOF WINDMILL 1
EP2447722 A1 20120502	ES20090031178 20091216	F03D1/06	ACCIONA WINDPOWER S A [ES]	RODAMIENTO DE PALA DE AEROGENERADOR Y AEROGENERADOR QUE HACE USO DEL MISMO.
EP2449254 A2 20120509	JP20100248511 20101105	F03D7/04; F03D9/00; F03D11/04	NAT MARITIME RES INST [JP]; INOUE SHUNJI [JP]	ROLL AND YAW DAMPER OF WIND TURBINE AND FLOATING WIND TURBINE
EP2449255 A2 20120509	EP20070737398 20070226; JP20060066175 20060310; JP20060066176 20060310; JP20060068294 20060313	F16C33/51; F03D11/00; F16C19/34; F16C19/36; F16C33/37; F16C33/50	NTN TOYO BEARING CO LTD [JP]	Roller bearing, cage segment, spacer, and main-shaft support structure for wind-driven generator
EP2449256 A1 20120509	DE201010026008 20100703	F16C33/46; F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Roller cage e.g. solid cage, for guiding rolling elements of radial bearing utilized in wind turbine to support planetary carrier in gear box, has plastic bar inserts arranged between two metal rings to form pockets for rolling elements
EP2449258 A1 20120509	WO2010JP59206 20100531	F03D1/06; F03D11/00; F16C19/55; F16C33/66	MITSUBISHI HEAVY IND LTD [JP]	ROLLING BEARING FOR WIND POWER GENERATOR, AND WIND POWER GENERATOR
EP2450564 A1 20120509	DE201010042296 20101012	F16C33/20; F03D11/04	BOSCH GMBH ROBERT [DE]	Rolling bearing used for supporting rotor of wind-power plant, has silicone rubber layer that is coated on surface of rolling element and outer ring

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EP2450566 A2 20120509	PL20110396224 20110905	F03D11/04; F03D3/00; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Roof wind turbine
EP2450568 A2 20120509	CN20112191287U 20110608	F03D11/00; F03D9/00; H01L31/02; H01L31/042	Beijing Toyoda Technology Co.,Ltd.	Roof-type vertical shaft wind-light complementary type power supply device
EP2450569 A2 20120509	US201113329598 20111219	F03D11/00	GEN ELECTRIC [US]	ROOT ATTACHMENT FOR A ROTOR BLADE ASSEMBLY
EP2450571 A1 20120509	JP20100214020 20100924	F03D7/06	GLOBALRING LTD [JP]; SELF CO LTD [JP]; MIYAMOTO KEIICHI [JP]; TSUTSUMIDA JUN [JP]	ROTARY BLADE MECHANISM AND POWER GENERATION DEVICE USING SAME
EP2452077 A1 20120516	JP20090296146 20091225; WO2010JP73349 20101224	F03D11/00; F03D1/06	MINISHI HEAVY IND LTD [JP]	Rotary blade of windmill and method of manufacturing rotary blade of windmill
EP2452420 A1 20120516	US20100383186P 20100915	F01C1/344; F03D9/00; F04B17/02; F04C2/344	PATTERSON ALBERT W [CA]	ROTARY DEVICE
EP2453081 A2 20120516	JP20100227579 20101007	H02K1/28; F03D9/02; H02K5/173	YASKAWA ELECTRIC CORP	ROTARY ELECTRIC MACHINE AND WIND POWER GENERATION APPARATUS
EP2453129 A1 20120516	JP20100228134 20101008	H02K21/14; F03D9/00; F03D11/00	YASKAWA ELECTRIC CORP	ROTARY ELECTRIC MACHINE, WIND POWER GENERATION SYSTEM, AND ROTOR FOR USE IN ROTARY ELECTRIC MACHINE
EP2453132 A1 20120516	JP20100179108 20100810	H02K1/32; H02K1/20; H02K9/06; H02K9/16	Anakawa Motor Co., Ltd.	Rotary motor and wind power generation system

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EP2453133 A1 20120516	KR20100064026 20100702	F03D5/00; F03D11/00; F03D11/04	WOO JUNG TAEK [KR]	ROTATING DEVICE FOR AERIAL WIND POWER GENERATING SYSTEM HAVING BELT TYPE BLADE STRUCTURE
EP2453134 A1 20120516	CN20112349350U 20110919	F03D11/00; F16C19/38; F16C19/56; F16C35/12	Tonglu Tianyuan Electromechanical Co., Ltd.	Rotating device of double-bearing wind power generator
EP2453135 A1 20120516	JP20100179329 20100810	H02K7/00	YASKAWA DENKI SEISAKUSHO KK [JP]	Rotating electric machine and method of manufacturing rotating electric machine
EP2453136 A1 20120516	JP20100169492 20100728	H02K1/27; F03D11/00; H02K41/02	YASKAWA DENKI SEISAKUSHO KK [JP]	Rotating electrical machine, linear motion electrical machine, and wind generator system
EP2453451 A2 20120516	WO2010SY00009 20100707	F03D5/06	KATMAWI SABBAGH KHALED [SY]	ROTATING MOTION POWER GENERATION BY HARNESSING HIGH ALTITUDE WIND
EP2454473 A1 20120523	JP20100227725 20101007	H02K29/06; F03D7/02; F03D9/00	YASKAWA ELECTRIC CORP	Rotating motor, wind power generation system and rotation detector for rotating motor
EP2454475 A2 20120523	JP20090174261 20090727	F16C33/372; F03D11/00; F16C19/18; F16C19/20	NTN TOYO BEARING CO LTD [JP]	ROTATING SHAFT BEARING AND ROTATING SECTION SUPPORT DEVICE FOR WIND TURBINE
EP2454479 A2 20120523	CN20111183037 20110630	F03D7/00; F03D11/02	ZHEJIANG WINDEY WIND POWER CO LTD	Rotation accuracy positioning device for driving chain of wind driven generator
EP2455608 A1 20120523	KR20100106161 20101028	F03D3/06; F03D11/00	WOO JUNG TAEK [KR]	ROTATION APPARATUS FOR WIND POWER GENERATOR HAVING WING BODY STRUCTURE ACTIVATED BY THE ECCENTRIC CENTER OF GRAVITY
EP2455609 A2 20120523	KR20100119289 20101129	F03D3/02; F03B13/12; F03D11/00		Rotation apparatus having inclined plural rotation axes
EP2456973 A2 20120530	TW20100126176 20100805	F03D11/00	KAM TAI-YAN [TW]	Rotation blades and the method of molding thereof

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EP2456974 A2 20120530	JP20090167231 20090625	F03D3/06; F03D7/06	ONODERA TAKAYOSHI [JP]	ROTATION BLADE-TYPE VERTICAL AXIS WIND TURBINE
EP2457818 A1 20120530	KR20100096347 20101004	F03D11/00; F03D7/06; F03D11/02; H02K7/10	LEE IN NAM [KR]	ROTATION SPEED CONTROLLER OF ROTATOR
EP2458198 A2 20120530	JP20100167550 20100707	F03D5/02; F03B13/08; F03D9/00	AKAISHI MITSUO; AKAISHI YUTAKA	ROTATIONAL ENERGY GENERATOR BY BUOYANCY
EP2458200 A1 20120530	US20100359576P 20100629; DK20100000565 20100629	F03D7/02; F03D7/04	VESTAS WIND SYS AS [DK]; ROSENVARD PAW [DK]; LUCENTE MICHELE [DK]	ROTATIONAL POSITIONING SYSTEM IN A WIND TURBINE
EP2458201 A1 20120530	DE200910031371 20090701; WO2010EP56182 20100506	H02K1/28; F03D9/00; H02K15/03	BAYER HEINER [DE]; ERD LUDWIG [DE]; HARTMANN ULRICH [DE]; METZNER TORSTEN [DE]; MOEHLE AXEL [DE]	ROTOR AND METHOD FOR MANUFACTURING A ROTOR OF AN ELECTRIC MACHINE
EP2458203 A1 20120530	DE201010054318 20101213	F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing for wind turbine, has double row spherical roller bearings with multiple barrel rollers, where pressure angle of bearing row is provided as zero degree angle
EP2458206 A1 20120530	DE201010054320 20101213	F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing for wind turbine, has multi-row roller bearing with two rows of bearings, which have multiple rolling bodies, where one of row of bearings is formed by spherical roller bearing series
EP2458207 A2 20120530	DE201010054319 20101213	F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing for wind turbine, has spherical roller bearing with multiple rolling bodies, where spherical roller bearing has three rows of bearing rings

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EP2458208 A2 20120530	DE201010051209 20101112	F03D11/04; F16C19/00	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing i.e. two-row tapered roller bearing, for wind power plant, has inner ring separated into partial rings with running surface to bearing series, where one of partial rings provides radial support of other partial ring
EP2458209 A2 20120530	DE201010053473 20101204	F16C19/38; F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing of wind turbine, has clamping ring that is arranged between partial rings which are arranged such that clamping ring fits with end-side retaining surfaces of rings with clearance for receiving rolling elements
EP2458322 A1 20120530	DE201010054321 20101213	F03D11/04	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Rotor bearing of wind turbine, has two rows of bearings that are formed by self aligning the self-aligning ball bearing and arranged about bearing axis for rolling off rolling elements
EP2458323 A1 20120530	US20100852390 20100806	B64C27/473; F03D11/00	Rohr Inc.	Rotor blade
EP2458402 A1 20120530	US201113217848 20110825	F03D11/00	GEN ELECTRIC [US]	ROTOR BLADE ASSEMBLY AND METHOD FOR ADJUSTING LOADING CAPABILITY OF ROTOR BLADE
EP2458411 A2 20120530	US201113225793 20110906	F03D7/02; F03D1/06	GEN ELECTRIC [US]	ROTOR BLADE ASSEMBLY AND METHOD FOR MODIFYING LOAD CHARACTERISTIC OF ROTOR BLADE IN WIND TURBINE
EP2459870 A2 20120606	US201213361055 20120130; DE200610022272 20060511; US20080299055 20081105; WO2007EP03481 20070420	F03D11/00	REPOWER SYSTEMS AG [DE]	ROTOR BLADE ATTACHMENT

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EP2459871 A2 20120606	GB20110009233 20110602	F03B3/12; F03D1/06	AVIAT ENTPR LTD [GB]	Rotor blade attachment with threaded adjustment member
EP2459872 A1 20120606	WO2010EP04969 20100806; GB20090013739 20090806; US20090231858P 20090809	F03D7/02	VESTAS WIND SYS AS [DK]	Rotor blade control based on detecting turbulence
EP2459873 A1 20120606	EP20100172377 20100810	F03D1/06	SIEMENS AG [DE]; NIELSEN SOEREN E [DK]; THRU CARSTEN [DK]	ROTOR BLADE ELEMENT AND METHOD FOR IMPROVING THE EFFICIENCY OF A WIND TURBINE ROTOR BLADE
EP2459874 A2 20120606	EP20030814464 20031219; DE20031000284 20030102; DE20031003824 20030131	F03D1/06; B64C27/46	WOBLEN ALOYS [DE]	Rotor blade for a wind energy facility
EP2459875 A1 20120606	DK20100070383 20100902; US20100372600P 20100811	F03D1/06	VESTAS WIND SYS AS [DK]; VUILLAUME AMAURY [GB]; PAYNE CHRIS [GB]; HAHN FRANK HOELGAARD [DK]	ROTOR BLADE FOR A WIND TURBINE AND METHOD OF MAKING SAME
EP2461021 A2 20120606	KR20110124260 20111125	F03D11/00		ROTOR BLADE FOR A WIND TURBINE, AND COMBINATION OF A RADAR STATION AND A WIND TURBINE
EP2461022 A1 20120606	DE201010039778 20100825	F03D1/06	SKYWIND GMBH [DE]	Rotor blade for wind energy plant used for providing electrical energy for e.g. industry, has connecting parts of each segment and intermediate element made of same or same type of material i.e. fiber composite

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EP2461024 A2 20120606	DE201010051295 20101112	F03D1/06; F03D11/00	NORDEX ENERGY GMBH [DE]	Rotor blade for wind energy plant utilized in cold regions, has heating device for heating air stream from fan unit and arranged separately from fan unit in blade tip-side portion of middle channel
EP2461025 A2 20120606	DE201010041520 20100928	F03D1/06; F03D1/04; F03D7/02	REPOWER SYSTEMS SE [DE]	Rotor blade for wind energy plant, has control unit that is provided to control angle of incidence of main portion in region of retention device along rotation direction of main portion
EP2461026 A1 20120606	DE201010051296 20101112	F03D1/06; F03D11/00	NORDEX ENERGY GMBH [DE]	Rotor blade for wind energy plant, has heating device that is provided to heat air flow in center channel
EP2461027 A1 20120606	DE201010051292 20101112	F03D1/06; F03D11/00	NORDEX ENERGY GMBH [DE]	Rotor blade for wind energy plant, has pipelines forming flow path for air flow whose part is blown out from pipelines through openings, where flow path is connected with heating chamber, and openings are provided in pipelines
EP2461028 A2 20120606	DE201010051293 20101112	F03D1/06; F03D11/00	NORDEX ENERGY GMBH [DE]	Rotor blade for wind energy plant, has several air outlet openings and air inlet openings that are provided in central channel at rotor blade nose edge
EP2461029 A2 20120606	US20100379216P 20100901; GB20100014560 20100901	F03D1/06	VESTAS WIND SYS AS [DK]; CHANG YUN CHONG GABRIEL [SG]; LOH WUH KEN [SG]	ROTOR BLADE FOR WIND TURBINE WITH MOVABLE CONTROL SURFACE
EP2461030 A2 20120606	DE201010051297 20101112	F03D1/06; F03D11/00	NORDEX ENERGY GMBH [DE]	Rotor blade for wind turbine, has bars connected with inner sides of rotor blade wall, and air passage surface formed by apertures and arranged at reduced distance from blade root, where one of bars comprises apertures in region of tip
EP2461031 A2 20120606	DE200910033164 20090713; WO2010EP03585 20100615	F03D1/06; B23P15/04	REPOWER SYSTEMS AG [DE]	ROTOR BLADE OF A WIND POWER PLANT AND METHOD FOR FABRICATING A ROTOR BLADE OF A WIND POWER PLANT

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EP2461059 A1 20120606	DE200910033165 20090713; WO2010EP03584 20100615	F03D1/06	REPOWER SYSTEMS AG [DE]	ROTOR BLADE OF A WIND POWER PLANT, METHOD OF FABRICATING A ROTOR BLADE AND A PAIR OF BELTS FOR A ROTOR BLADE
EP2462342 A1 20120613	EP20050716658 20050210; DE200410007487 20040213	F03D1/06; F03D1/00	WOBBEN ALOYS [DE]	Rotor blade of a wind turbine
EP2463224 A1 20120613	RU20100128132 20100708	F03D1/00	KONDRASHOV BORIS NIKANOROVICH [RU]; SALDINA ELENA ALEKSANDROVNA [RU]	ROTOR BLADE OF WIND-POWERED ENGINE WITH VARIABLE ANGULAR MOMENTUM
EP2463510 A1 20120613	DE201010046519 20100922	F03D11/00; B23P15/04	KLEIN HENDRIK [DE]; GUENTHER CHRISTIAN [DE]	ROTOR BLADE OR ROTOR BLADE SEGMENT FOR A WIND TURBINE
EP2463514 A2 20120613	DE201010046518 20100922	F03D1/06; B23P11/00	KLEIN HENDRIK [DE]	ROTOR BLADE OR ROTOR BLADE SEGMENT FOR A WIND TURBINE
EP2463515 A1 20120613	EP20100015029 20101126	G01B11/16; F03D11/00; G01B5/00	BAUMER INNOTECH AG [CH]	Rotor blade with a device for measuring deformation under load
EP2463516 A1 20120613	DE201010043434 20101104	F03D11/00	WOBBEN ALOYS [DE]; LENSCHOW GERHARD [DE]	ROTOR BLADE WITH HEATING DEVICE FOR A WIND TURBINE
EP2463518 A2 20120613	WO2010EP54835 20100413; DE200910002501 20090420	F03D1/06; B29C70/44	WOBBEN ALOYS [DE]	ROTOR BLADE, ROTOR BLADE ELEMENT AND PRODUCTION METHOD
EP2463520 A2 20120613	DE201010045425 20100915; DE201110100912 20110506	F03D11/04	LOH KG HAILO WERK [DE]	Rotor blade-inspection system for maintenance, reconditioning and repair of rotor blades at wind power plant, has rope guides displaced relative to rope winches in longitudinal direction of platform for adapting position of contact points
EP2463521 A2 20120613	WO2009FR00331 20090326	F03D1/06; F03D7/02	Nheolis SARL	Rotor for a power generator, in particular for wind turbines

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EP2463522 A2 20120613	RU20100127573 20100702	F03D3/06	OTKRYTOE AKTSIONERNOE OBSHESTVO GOSUDARSTVENNYIRAKETNYI TS IM AKADEMIKA V P MAKEEVA [RU]	ROTOR FOR A WIND POWER PLANT
EP2463523 A2 20120613	AT20100001259 20100727	F03D7/06	KINELLY MARIO [AT]	ROTOR FOR A WIND TURBINE
EP2463524 A1 20120613	DE201010054794 20101216	F03B7/00; F03D3/06	BOSCH GMBH ROBERT [DE]	Rotor for energy conversion machine for converting energy of fluid flow extending in fixed direction and variable directions, particularly orbitally in rotation of rotor shaft, has resistor element, which is fastened to rotor shaft
EP2464859 A1 20120620	DE201010027003 20100713	F03D1/06; F03D7/00	CARL VON OSSIETZKY UNI OLDENBURG [DE]	Rotor for wind power plant, has slats and rotor blade connected together by slat angle adjustment unit to adjust angle between slats and blade, where unit comprises rotation axis parallel to longitudinal axis of rotor blade
EP2464860 A2 20120620	DE201010044749 20100908	F03D1/06	WES ENERGY GMBH [DE]	Rotor for wind turbine, comprises hub and rotor blade, which is connected to hub, where blade pipe is provided, which is rigidly connected with rotor blade
EP2465952 A1 20120620	DE201010039628 20100820	F03D11/00; F16D71/00	AVAILON GMBH [DE]	ROTOR LOCKING DEVICE AND METHOD FOR LOCKING A ROTOR OF A WIND TURBINE
EP2466120 A2 20120620	WO2010JP51498 20100203	F03D7/04; F16H55/46	MITSUBISHI HEAVY IND LTD [JP]	ROTOR TURNING DEVICE AND ROTOR TURNING METHOD FOR WIND POWER GENERATION DEVICE
EP2466121 A2 20120620	DE201010035301 20100818	F03D3/06	PACARDO STEPHAN [DE]	Rotor wing or rotor blade for power production for vertical wind-power plants or turbines, has inflow zone follows cross section of basic form of counter-rotating spiral according to principle of golden section

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EP2466122 A2 20120620	RU20100132386 20100802	F03D3/06	DJADCHENKO NIKOLAJ PETROVICH [RU]	ROTOR WITH CUP-LIKE WIND-PERCEIVING ELEMENTS
EP2466123 A2 20120620	EP20100183634 20100930	F03D11/00; F03D1/06; F16C13/00; F16C41/04	SIEMENS AG [DE]	ROTOR, GENERATOR AND WIND TURBINE
EP2466124 A2 20120620	DK20050001714 20051205; WO2006DK00689 20061205	F03D11/00	LM GLASFIBER AS [DK]	ROTORBLATT FÜR EINE WINDTURBINE
EP2466125 A2 20120620	DE201010053369 20101203	F03D1/06; F03D11/00; G01S13/86; H01Q15/14; H01Q17/00	EADS DEUTSCHLAND GMBH [DE]	Rotorblatt für eine Windenergieanlage, sowie Kombination einer Radarstation und einer Windenergieanlage
EP2466126 A2 20120620	US20100946963 20101116	F03D1/06	GEN ELECTRIC [US]	Rotorblattanordnung mit einem Hilfsblatt
EP2466128 A1 20120620	US20100840504 20100721	F03D1/06	GEN ELECTRIC [US]	Rotorblattvorrichtung
EP2466130 A2 20120620	US20100404149P 20100927; US20100792203 20100602; US20090253925P 20091022; US20100907967 20101019; WO2010US53469 20101021	F03D9/00; B64C31/02	GRANT CALVERLEY	Rotorcraft power-generation, control apparatus and method
EP2466131 A2 20120620	DE201120106150U 20110928	F03D1/06; F03D3/06	MERTEN HELMUT WOLFGANG [DE]	Rotoren, Propeller und dergleichen, mit einem Sandfischhaut-Oberflächenprofil

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EP2466132 A2 20120620	DE201120108157U 20111122	F03D11/04	SIEMENS AG [DE]	Rotornabe für eine Windkraftanlage
EP2466133 A2 20120620	US201113334767 20111222	F03D7/00	VESTAS WIND SYS AS [DK]	ROTOR-SECTOR BASED CONTROL OF WIND TURBINES
EP2466135 A2 20120620	JP20100199682 20100907	F03D3/06; F03D3/02	KLIMOV VYACHESLAV STEPANOVICH; KLIMOV OLEG VYACHESLAVOVICH	ROTOR-TYPE SUPER WINDMILL AND METHOD FOR INCREASING KINETIC ENERGY OF AIR FLOW
EP2466255 A1 20120620	DE20031044188 20030922	F03D1/06; F03D9/00; F03D11/00	MINIMAX GMBH & CO KG [DE]	ROTORVORRICHTUNG EINER WINDENERGIEANLAGE MIT EINER MELDE- UND AUSWERTEEINHEIT ZUR BRAND-, RAUCH- UND FUNKTIONSBERWACHUNG DER ROTORBLÄTTER UND WINDENERGIEANLAGE
EP2466321 A1 20120620	KR20100093176 20100927	F24J3/00; F03D9/00; F24H9/18; H01L31/042	KOO DONG HOI [KR]	RUBBING HEATING SYSTEM
EP2467595 A2 20120627	CN20112208175U 20110620	F03D3/06; F03B3/14; F03D3/02	BAOSHU LIAO	Rudder direction-changing impeller
EP2467599 A2 20120627	JP20050363661 20051216; JP20050363662 20051216; JP20060087829 20060328; WO2006JP321698 20061031	F16C33/51; F03D11/00; F16C19/36	NTN TOYO BEARING CO LTD [JP]	Rulleleje, hovedakselbørestruktur for vinddrevet generator, mellemelement og holdeselement
EP2469007 A1 20120627	CN20112363222U 20110926	F03D7/00	Zhejiang Zhongke Automation Engineering Technology Co., Ltd.	Runaway prevention protection device and variable-pitch control system
EP2469074 A1 20120627	DK20100070539 20101210	F03D11/04	ENVISION ENERGY DENMARK APS [DK]	Run-up deflector for an off-shore wind turbine

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EP2469075 A1 20120627	CN20112197015U 20110613	F03D7/00; H02J7/00; H02J9/04	REENERGY ELECTRIC SUZHOU CO LTD	Safe and stable alternating-current propeller change control system
EP2469076 A2 20120627	CN20112112352U 20110418	F03D1/06; F03D3/06; F03D7/04; F03D7/06	Zou Zhanwu;Zou Chao;Feng Shuming	Safety device for forming and running wind wheel of wind turbine
EP2469077 A2 20120627	CN20111444249 20111227	F03D7/00	DEC DONGFANG TURBINE CO LTD	Safety operation control system of wind driven generator
EP2469078 A2 20120627	CN20112331862U 20110906	F03D7/00; H02H7/00	GUODIAN UNITED POWER TECH CO	Safety protection device of marine wind generating set
EP2469079 A2 20120627	CN20112220129U 20110627	F03D7/00	GUODIAN UNITED POWER TECH CO	Safety system of direct-drive wind generator
EP2469080 A1 20120627	RU20100132883 20100805	F03D7/04	OOO AVTEHKS [RU]	SAFETY SYSTEM OF WIND-POWERED GENERATORS AND DEVICES WITH PROPELLER BLADES
EP2469081 A2 20120627	CN20102271823U 20100727	F03D9/00; F03G5/04	Sun Weiguo	Sail and animal power generating set
EP2469082 A2 20120627	US20100902706 20101012	F03D9/00; F03B11/02	WINDENSITY INC [US]	SAIL AUGMENTED WIND TURBINE AND ARRAYS THEREOF
EP2469083 A2 20120627	HRP20100241 20100426	F03D5/02	KAVGIC PETAR [HR]	SAIL WIND TURBINE
EP2469084 A2 20120627	CN20112258842U 20110721	F03D9/00; F03D5/02; F03D11/00	GUOLIN LU	Sailboard series connected type wind power generation device
EP2469086 A1 20120627	CN20111164023 20110617	C01D3/06; C02F1/14; F03D9/00; H02N6/00	Feng Jing	Salt making facility in solar wind power station
EP2469087 A2 20120627	CN20112170955U 20110525	B01D50/00; F03D11/00	GUODIAN UNITED POWER TECH CO	Salt mist filter ventilating device for marine or offshore wind-driven generator cabin

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EP2469223 A1 20120627	FR20100060223 20101208	F03D9/00; B60K16/00; F03D3/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Savonius rotor type wind power device i.e. wind turbine, for mounting on roof of e.g. motor vehicle, to convert wind into electrical energy, has rotary shaft arranged to vary in height from folded position to deployed position
ES1076087U U 20120203	JP20110218999 20111003	F03D3/06; F03D11/00	PANASONIC CORP	SAVONIUS TYPE WINDMILL
ES1076876U U 20120507	FR20100060222 20101208	F03D9/00; B60K16/00; F03D3/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Savonius/Darrieus type wind power device i.e. wind turbine, for mounted on roof of e.g. motor vehicle, to convert wind energy into mechanical energy, has inclining units inclining panels from deployed position to folded position
ES1076894U U 20120508	WO2010EP01697 20100312; DE200910020725 20090511; DE200910043684 20091001	F03D3/06	SCHUL KARL DIRK [DE]	SAVONIUS-ROTOR
ES1077139U U 20120607	DE201120107920U 20111109	F03D3/06	KROKER THOMAS [DE]	Savonius-Rotor in Leichtbauweise
ES1077204U U 20120618	CN20112333772U 20110907	G08G1/095; F03D9/02; H02J7/00	CEEP (Beijing) International Energy Investment Co., Ltd.;Liaoning Sunrise Solar Energy Technology Co., Ltd.;Liaoning Sunrise PV Technology Co., Ltd.;Liaoning Sunrise Solar Energy Technology Co., Ltd.	Scenery complementary traffic light
ES2353088 B1 20120103	CN20111267098 20110909	E04H1/00; F03D3/04; F03D9/00	SHENYANG AEROSPACE UNIVERSITY	Scenic view complementing building

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ES2371403 A1 20120102	DE201020016941U 20101222	F03D11/00	NORDEX ENERGY GMBH [DE]	Schleifringeinheit für eine Windenergieanlage
ES2371579T T3 20120105	DE201010042530 20101015	F03D11/00	REPOWER SYSTEMS SE [DE]	Schott einer Windenergieanlage
ES2371703 A1 20120109	US20030484578P 20030702; WO2004US21265 20040630	F03D11/02; F03D11/00; F16C19/36; F16C19/54; F16C33/60; F16C35/067; F16H57/02	TIMKEN CO [US]	SCHR?GVERZÄHNUNG ENTHALTENDES GETRIEBE UND LAGERANORDNUNG DAF?R
ES2371709 A1 20120109	DE201220000356U 20120114	F03D11/00	CHUN STEFAN [DE]; DIPPEL KARSTEN [DE]; RITTER PETER [DE]	Schutzeinrichtung zur Vermeidung von Kollisionen von Fledermäusen mit Windenergieanlagen
ES2371826 A1 20120110	KR20100113949 20101116	F03D11/00; F03D11/04	DAEWOO SHIPBUILDING & MARINE [KR]	SCOUR PROTECTION APPARATUS FOR OFFSHORE WIND TURBINE
ES2371837 A1 20120110	KR20100085226 20100830	F03D11/00; F03D11/04	KANG DEOK SOO [KR]	SEA FLOATING WIND TURBINE APPARATUS FOR GENERATING ELECTRICITY WITH A FLOATING SUPPORT LINE COMPRESSED STRUCTURE
ES2371893 A1 20120111	KR20100062940 20100630	F03D11/04; F03D1/00	UNIV SUNGKYUNKWAN FOUND [KR]	SEA WIND POWER GENERATOR
ES2371988T T3 20120112	WO2010JP57754 20100506	F03D9/00; F03D11/04	MITSUBISHI HEAVY IND LTD [JP]	Sea-borne wind power generation apparatus
ES2372098 A1 20120116	KR20100127648 20101214	F03D11/00; F03D11/02	SAMSUNG HEAVY IND [KR]	SEAL ASSEMBLY AND AEROGENERATOR WITH THE SAME
ES2372261T T3 20120117	JP20090278022 20091207; WO2010JP71741 20101203	F16J15/18; F03D11/02	MITSUBISHI HEAVY IND LTD [JP]	Seal structure of mechanical device, and wind power generator

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ES2372738T T3 20120126	DE201010046432 20100917	F16C33/76; F03D11/00; F16C33/72; F16J15/16; F16J15/32	IMO HOLDING GMBH [DE]	Sealing arrangement for sealing space in rotary joint e.g. barrel-shaped roller body of rotor bearing in wind power plant, has upper edge closed along axial direction in plane of outer rotatable bearing components
ES2372848T T3 20120127	CN20112166920U 20110524	F16J15/24; F03D11/00	ZHUANGHE TIANCHENG MACHINERY CO LTD	Sealing device of wind driven generator speed reducer
ES2373154 A1 20120201	CN20111182052 20110701	F03D11/00; B63B35/00	Mao Guowu	Seawater power generating boat device
ES2373421T T3 20120203	US201113287249 20111102	F03D1/06	EISENBERG DREW [US]	SECONDARY AIRFOIL MOUNTED ON STALL FENCE ON WIND TURBINE BLADE
ES2373495 A1 20120206	WO2010EP50846 20100126; DK20090000131 20090127; US20090147580P 20090127	F03D1/06	VESTAS WIND SYS AS [DK]	Sectional wind turbine blade
ES2373498 A1 20120206	KR20100090076 20100914	F03D11/00; F03D9/00; F03D11/04	DAEWOO SHIPBUILDING & MARINE [KR]	SECURING APPARATUS OF ASSEMBLY FOR WIND TURBINE
ES2373521T T3 20120206	DE201010046171 20100923; DE201110112784 20110909	F03D1/00	WADER WITTIS GMBH [DE]	Securing element and transport frame for elements of a wind power assembly
ES2373597 A1 20120207	CN20112357958U 20110923	A01C11/02; F03D9/00; H02J7/00	WUXI TONGCHUN NEW ENERGY TECH	Seedling planting machine taking complementary wind power generation and lithium ion battery as power device
ES2373995T T3 20120210	CN20112177724U 20110530	F03D11/00	Chongqing Haidian Windpower Technology Co., Ltd.	Seepage-proof easily-manufactured wind power generator cabin shield

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ES2374860T T3 20120222	WO2009IB07949 20091214; US20080122567P 20081215; US20080139472P 20081219	F16C17/06; F03D9/00; F16C27/08; F16C33/26	Corts Jochen	Segmented composite bearings and wind generator utilizing hydraulic pump/motor combination
ES2374892 A1 20120223	US201113313653 20111207	F03D11/00; B21D53/78	GEN ELECTRIC [US]	SEGMENTED ROTOR HUB ASSEMBLY
ES2374978T T3 20120223	US20100826044 20100629	F03D1/00; F03D11/04	GEN ELECTRIC [US]	Segmented tower for offshore wind turbines
ES2375140T T3 20120227	WO2010US29156 20100330; US20090164509P 20090330	F03D11/00	FLODESIGN WIND TURBINE CORP [US]	SEGMENTED WIND TURBINE
ES2375410T T3 20120229	CN20101033771 20100111; WO2010CN01688 20101025	F03D1/06	SINOVEL WIND GROUP CO LTD [CN]	Segmented wind wheel blade for wind generating set and assembling method thereof
ES2375564T T3 20120302	US20100844850 20100728	H02K1/30; F03D9/00	GEN ELECTRIC [US]	Segmentierter Rotor
ES2376148T T3 20120309	EP20090007526 20090608	B60P3/40; F03D1/00	BARD HOLDING GMBH [DE]	SELBSTFAHRENDES SCHWERLASTMODULTRANSPORTFAHRZEUG ZUM ANHEBEN UND AUFRECHTEN TRANSPORTIEREN EINES FUNDAMENTS EINER WINDENERGIEANLAGE
ES2376449 A1 20120314	WO2010IB02702 20101019	F03D3/00; F03D7/02	MORET FREDERIC CLEMENT [CH]	SELF-ACCELERATING WIND TURBINE WITH LIFT
ES2376473T T3 20120314	CN20112229295U 20110630	F03D11/00	GUODIAN UNITED POWER TECH CO	Self-adaption supporting device of megawatt wind-power speed increasing box
ES2376569 A1 20120315	CN20112147738U 20110511	F03D9/00; F03D3/06; F03D11/00	XIUQIANG CHI	Self-buffering type wind driven generator

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ES2376815 A1 20120320	CN20111131006 20110520	F03D11/00; F24F7/007; F24F13/28	Nanjing University of Aeronautics and Astronautics	Self-cleaning salt mist processing equipment and method
ES2376960T T3 20120321	PL20100391914 20100722	F03D1/00; F03D3/00; F03D9/00	LACHOWSKI TOMASZ SPECTRAF [PL]	Self-contained generator wind power plant
ES2377085T T3 20120322	CN20101274008 20100907	F03D3/00; F03D3/06; F03D7/06; F03D9/00	YINGZHI MENG	Self-control air blower or wind driven generator
ES2377255 A1 20120326	CN20101267462 20100830	B60L8/00; F03D9/00	Tan Hongbo	Self-generating charging device for vehicle energy extraction
ES2377258 A1 20120326	KR20100008624U 20100819	F03D9/00; F03B13/00; F03B17/06; F03D1/00	LEE YOONJAE [KR]; LEE KANGPYUNG [KR]	SELF-GENERATION APPARATUS
ES2377696 A1 20120330	CN20112181316U 20110531	F03D3/06	GUANGDONG OUTRACE TECHNOLOGY CO LTD	Self-guiding vertical wind driven generator blade
ES2377697 A1 20120330	CN20111313048 20111017	E21B43/00; E21B23/01; E21B36/04; F03D9/00	Southwest Petroleum University	Self-heating natural gas hydrate preventing device
ES2377841T T3 20120402	CN20112209290U 20110620	F03D11/00; F16M7/00	SHANGHAI SHENGUANG HIGH STRENGTH BOLTS CO LTD	Self-lubricating holding-down bolt connecting pair used for wind generating set
ES2378042 A1 20120404	CN20112250116U 20110715	H04N7/18; F03D9/00; H02J7/00	JIANGSU MINJIA ELECTRONIC TECHNOLOGY CO LTD	Self-powered 3G (the 3rd Generation) communication video monitoring device
ES2378099 A1 20120409	KR20100101500 20101018	B62J99/00; F03D9/02; G01S5/14	KOREA ADVANCED INST SCI & TECH [KR]	SELF-POWERED GLOBAL POSITIONING SERVICE BASED ON BICYCLE LOCATION

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
ES2378199 A1 20120410	HR20120000304 20120410	B60P3/40; F03D1/00	BARD HOLDING GMBH [DE]	SELF-PROPELLED HEAVY-LOAD MODULE TRANSPORT VEHICLE FOR LIFTING AND UPRIGHT TRANSPORTING OF A TOWER OF A WIND ENERGY ASSEMBLY
ES2378964 A1 20120419	US20100787821 20100526	F03D11/00	GEN ELECTRIC [US]	Self-supporting platform for a wind turbine
ES2379159T T3 20120423	CN20111350758 20111109	F03D9/00; A01K61/00; B63B35/44; F03D11/00	Wang Yanqiu	Semi-submersible anchoring type offshore wind generating set with integrated pedestal
ES2379618 A1 20120430	DE201110014480 20110319	F03D11/00; G01B11/16	SSB WIND SYSTEMS GMBH & CO KG [DE]	Sensoreinrichtung zur Messung von aerodynamischen Belastungen eines Rotorblattes einer Windkraftanlage
ES2380034 A1 20120508	EP20100006703 20100629	F03D11/00	WINERGY AG [DE]	Series of gear components
ES2380528 A1 20120516	CN20112189767U 20110608	F03D5/00; F03D7/00; F03D9/00; H02K7/10	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD	Series type bidirectionally-driven wind power dynamic system
ES2380744 A1 20120518	CN20112212084U 20110622	F03D7/00	CHENGDU FORWARD TECHNOLOGY CO LTD	Servo driving control system for changing paddles of wind driven generator unit
ES2381088 A1 20120523	ES20090000791 20090316; WO2010ES00121 20100315	B63H9/00; F03D9/02; F03D11/00	BERMUDEZ MIQUEL JOSE MIGUEL [ES]; BERMUDEZ SANCHEZ IGNACIO [ES]	SET OF STOWABLE RIGID SAILS
ES2381094 A1 20120523	PL20110396452 20110927	F03B7/00; F03B17/02; F03D3/00	POLITECHNIKA SWIETOKRZYSKA [PL]	Set of the water turbine and steering wheel
ES2381404 A1 20120525	CN20112428336U 20111023	F03D9/00	China Jiliang University	Setting pattern of aerogenerator on road

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ES2381510 A1 20120528	US201013322339 20100527; DK20090070015 20090529; US20090182178P 20090529; WO2010DK50116 20100527	F03D11/00; B23P11/00; B65H75/02; F16D1/04	VESTAS WIND SYS AS [DK]	SHAFT CONNECTION USING A BAND
ES2381833 A1 20120601	JP20100276361 20101101	F03D7/06; F03D3/04	ABE YOSHIO	SHAKE RESISTANCE INCREASING MACHINE FOR WIND TURBINE USE
ES2382245 A1 20120606	WO2009EP05677 20090805	F03D1/00	POWERWIND GMBH [DE]	SHEAR CLEAT FOR A WIND POWER PLANT
ES2382318 A1 20120607	CN20112204911U 20110616	E04H6/00; E04D13/18; F03D9/00; F21V33/00; F24J2/00; H02N6/00	DALIAN TRAINING CT NORTHEAST CHINA GRID COMPANY	Shed comprehensively using natural resources for parking place
ES2382631 A1 20120612	LY20090003801 20090525; WO2009LY00001 20090729	F03D3/04; F03D3/02	DABBAB ABUZED NAGI [LY]	Shield means for wind turbine
ES2382786 A1 20120613	KR20100106030 20101028	B63B15/00; B63H21/32; B63J3/00; F03D1/02	SAMSUNG HEAVY IND [KR]	SHIP AND LAYOUT METHOD OF SHIP
ES2383430 A1 20120621	EP20100012695 20101001	B63B35/44; B63B21/50; B63B27/10; B63C1/00; B66C23/52; F03D11/00	NORDIC YARDS HOLDING GMBH [DE]	SHIP AND METHOD FOR CONVEYING AND SETTING UP OFFSHORE STRUCTURES

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FI122698B B1 20120531	JP20100274503 20101209; JP20100248527 20101105	B63B35/00; E02D27/32; E02D27/52; F03D9/00	mitsubishi heavy ind ltd [JP]; SAWAI TAKAYUKI [JP]; KUMAMOTO HITOSHI [JP]; WATANABE TOMONORI [JP]; FUJITA SHIGETOMO [JP]	SHIP FOR INSTALLING OFFSHORE WIND TURBINE AND METHOD FOR INSTALLING OFFSHORE WIND TURBINE USING SAME
FR2962498 A1 20120113	JP20100257883 20101118	B63B35/00; E02D27/32; E02D27/52; F03D9/00	mitsubishi heavy ind ltd [JP]; SAWAI TAKAYUKI [JP]; KUMAMOTO HITOSHI [JP]; WATANABE TOMONORI [JP]	SHIP FOR INSTALLING OFFSHORE WIND TURBINES, AND METHOD FOR INSTALLING OFFSHORE WIND TURBINES USING SAME
FR2964160 A1 20120302	JP20100257884 20101118	B63B35/00; B66C5/02; F03D9/00	mitsubishi heavy ind ltd [JP]; SAWAI TAKAYUKI [JP]; KUMAMOTO HITOSHI [JP]; WATANABE TOMONORI [JP]; FUJITA SHIGETOMO [JP]; TSUKAMOTO IZUMI [JP]	SHIP FOR INSTALLING OFFSHORE WIND TURBINES, AND METHOD FOR INSTALLING OFFSHORE WIND TURBINES USING SAME
FR2964420 A1 20120309	KR20100085788 20100902	E01F15/00; E01F9/04; E01F15/02; F03D9/00	KIM JUN HO [KR]	SHOCK ABSORBING APPARATUS FOR GUIDE RAIL
FR2964421 A1 20120309	CN20112378960U 20110928	F16F15/08; F03D11/02	SINOVEL WIND GROUP CO LTD [CN]	Shock-absorption mechanism of wind generating set gear box torque arm
FR2964422 A1 20120309	GB20100018210 20101028	F03D11/04; F03D1/04	CALSAND LTD [GB]	Shroud or fairing for window turbine
FR2965353 A1 20120330	US201113099138 20110502; US20100881850 20100914	F03D9/00; F03D1/00; F03D11/00	ZIVKOVICH BORISLAV [US]	Shrouded Wind Turbine with Integral Generator

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FR2965592 A1 20120406	US20090629714 20091202; US20090222142P 20090701; WO2010US40750 20100701	F03D1/04	FLODESIGN WIND TURBINE CORP [US]	Shrouded wind turbine with rim generator and Halbach array
FR2965863 A1 20120413	CN20112188579U 20110607	F03D3/02; F03D3/06; F03D11/00	Xu Yuyi	Shutter type wind driven generator
FR2966175 A1 20120420	CN20112392822U 20111014	F03D9/00; F03D3/00; F03D3/04; F03D7/06; F03D11/00	LI SHUGUANG [CN]; HARBIN HIGH POWER VERTICAL WIND POWER EQUIPMENT, ENGINEERING AND TECHNICAL RES CT CO LTD	Shutter-type wind collection and closed protection system for vertical wind power
FR2966206 A1 20120420	DE201010046171 20100923; DE201120105439U 20110908	F03D11/04	WADER WITTIS GMBH [DE]	SicherungsVorrichtung und Transportsystem für Elemente einer Windkraftanlage
FR2966866 A1 20120504	CN20112109492U 20110412	G09F7/00; F03D9/00; G09F13/02	WEIXING SU	Sign board with wind power and light energy generation equipment
FR2966889 A1 20120504	CN20112404054U 20111021	G09F13/04; F03D9/00; H02N6/00	Shanghai No.1 High School	Signboard
FR2966988 A1 20120504	CN20112336337U 20110908	F03D11/00; F03D9/00; F03G6/06; F24J2/00	Zhou Dengrong;Zhou Jian	Silencer of comprehensive energy airshaft power station and comprehensive energy airshaft power station
FR2967470 A1 20120518	CN20111341666 20111023	F03D9/02	China Jiliang University	Simple and easy method for generating electricity by utilizing wind power caused by driving of trains on dual-track track system
FR2967642 A1 20120525	CN20112372929U 20110928	F03D11/00; F16H57/04	Wuxi Guanyun Heat Exchanger Co., Ltd.	Single-passage standard oil cooler of wind driven generator

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FR2967698 A1 20120525	CN20112091588U 20110326	F24J2/04; F03D9/00; F03G7/00; F24J2/46	ZHENGGAO ZHOU	Single-row enamel high-efficient new-energy solar power-generation water heater
FR2968044 A1 20120601	CN20111441467 20111226	F16C19/38; F03D11/00; F16C33/48	Wafangdian Bearing Group Co., Ltd.	Single-support main shaft bearing of wind generator integral solid cage structure
FR2968724 A1 20120615	ES20110001369 20111222	E01D15/24; F03D11/00	COMPASS INGENIERIA Y SIST S S A [ES]	SISTEMA DE AMARRE DE EMBARCACIONES A UNA ESTRUCTURA FIJA
FR2968725 A1 20120615	ES20090001539 20090706	F03D11/00; B01D46/02	GAMESA INNOVATION & TECH SL [ES]	SISTEMA DE APORTACION DE AIRE FILTRADO AL INTERIOR DE UN AEROGENERADOR.
FR2968726 A1 20120615	ES20090000291 20090202	E04D13/18; F03D9/00; H01L31/042	OSPINA VERA YEINEZ ALBERTO [CO]	SISTEMA DE CAPTACION DE RECURSOS NATURALES EN EDIFICIOS.
FR2968727 A1 20120615	DK20060000874 20060629; WO2007DK00322 20070629	F03D1/00	VESTAS WIND SYS AS [DK]	TURBINA EÓLICA COM MÚLTIPLOS GERADORES
FR2968728 A1 20120615	ES20090001053 20090422	F03D11/00; F03D1/06; H02G13/00	GAMESA INNOVATION & TECH SL [ES]	SISTEMA DE PROTECCION DE RAYOS PARA PALAS SECCIONALES.
FR2969114 A1 20120622	ES20090001982 20091009	F03D11/00; F03D7/04	GAMESA INNOVATION & TECH SL [ES]	SISTEMA DE REFRIGERACION AUXILIAR Y METODO DE ACTUACION.
FR2969224 A1 20120622	ES20090030350 20090624	F03D1/00; E04B1/21; E04H12/08; F03D7/02; F03D11/04	ACCIONA WINDPOWER S A [ES]	SISTEMA DE UNION DE UNA GONDOLA CON LA TORRE DE HORMIGON DE UN AEROGENERADOR.
GB2481842 A 20120111	IT2006TO00491 20060704; WO2007IT00419 20070613	F03D5/00; F03D3/06	IPPOLITO MASSIMO [IT]; FRANCO TADDEI [IT]	TURBINA EÓLICA COM MÚLTIPLOS GERADORES

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GB2482009 A 20120118	BR2010PI02458 20100719	F03D9/02	ALBUQUERQUE ALEXANDRE COELHO BRIGGS DE [BR]	SISTEMA EÓLICO PARA RECARGA DE BATERIAS DE VEÍCULOS COM MOTORES HÍBRIDOS OU ELÉTRICOS
GB2482038 A 20120118	ES20100030210 20100215	C02F1/14; A01G33/00; F03D9/00; F03G6/00; F03G6/04	UNIV ALICANTE [ES]	SISTEMA INTEGRAL DE APROVECHAMIENTO ENERGETICO.
GB2482455 A 20120201	CU20090000178 20091021	F03B7/00; F03D3/00	ELIAS RODRIGUEZ DANIEL [CU]	SISTEMA PARA EL APROVECHAMIENTO DE LA ENERGÍA EN CORRIENTES DE RÍOS, MARES Y VIENTO
GB2482707 A 20120215	ES20090001510 20090630	A62C8/06; A62C3/00; F03D11/00	RENOVABLES Y ESPECIALES S L [ES]	SISTEMA PASIVO DE PROTECCION CONTRA INCENDIO EN AEROGENERADORES.
GB2482736 A 20120215	CN20111369803 20111118	F03D3/06	Changxing Yufeng Electromechanical Co., Ltd.	Six-blade air duct of wind generator
GB2482879 A 20120222	WO2010US25952 20100302; US20090407909 20090320	F03D11/00	DRESSER RAND CO [US]	SLIDABLE COVER FOR CASING ACCESS PORT
GB2483086 A 20120229	CN20112381040U 20110929	F03D11/00; F16C17/00; F16C33/02	SINOVEL WIND GROUP CO LTD [CN]	Slide bearing for yaw system
GB2483204 A 20120229	CN20112298291U 20110816	F03D3/06; F03D3/00; F03D3/02	SHUGUANG LI; HARBIN HIGH POWER VERTICAL WIND POWER EQUIPMENT, ENGINEERING AND TECHNOLOGY RES CT CO LTD	Slideway-type fan blade system of vertical type wind power generator
GB2483240 A 20120307	CN20112414962U 20111027	F03D11/00	China National Petroleum Corporation;Liaohe Petroleum Exploration Bureau	Sliding and thunder guiding device for main stand of megawatt fan

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GB2483435 A 20120314	DE201010050469 20101104	F03D11/00; F03D11/02; H01R39/08	LTN SERVOTECHNIK GMBH [DE]	Slip ring unit and use of the slip ring unit in a wind power assembly
GB2483677 A 20120321	KR20100119380 20101129	F03D9/00; F02B63/04; F24J2/42		SMALL SCALE HYBRID SYSTEM FOR GENERATING ELECTRICITY
GB2483678 A 20120321	DE201010034564 20100817	F03D9/00	SAMSONYAN ARA [DE]	Small wind turbine installed in tunnel walls for e.g. motorway, allows air between tunnel wall and train to flow out
GB2483705 A 20120321	CN20112240937U 20110708	F03D9/02; F03D1/06; H02K1/12; H02K1/27; H02K23/04	BING YI	Small-size outer rotor permanent magnet direct-current power generator
GB2483866 A 20120328	KR20110125420 20111128	F03D7/00; H02P9/04		Small-sized wind power generating power apparatus Small-sized wind power generating power apparatus and control method thereby and control method thereby
GB2483892 A 20120328	KR20100123132 20101205	F03D11/00; F03D3/06	AHN YOUNG HWAN [KR]	SMART POWER GENERATOR BY WIND POWER
GB2484107 A 20120404	CN20112216697U 20110624	F24C15/20; F03D9/02	DONGGUAN XINSHIDAI NEW ENERGY TECHNOLOGY CO LTD	Smoke exhaust ventilator with power generation function
GB2484108 A 20120404	CN20112210153U 20110621	F03D9/00; F03D9/02; H02N6/00	CAIDE LUO	Solar and wind energy generator
GB2484109 A 20120404	CN20112252090U 20110718	F03D9/00; F03D1/04; F03D1/06; F03D7/04; F03D11/00; F03G6/06	QINGDAO MORSHINE WIND POWER TECHNOLOGY CO LTD	Solar and wind power generation device

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GB2484148 A 20120404	PL20100391919 20100824	F03D1/00; F03D3/00; F03D9/00; F03G6/00; F03G6/02	JOZEFOWSKI WIESLAW [PL]; OLESIK MIROSLAW [PL]	Solar and wind power module and method of obtaining electric energy
GB2484156 A 20120404	CN20112212563U 20110614	A47K3/28; F03D1/06; F24J2/24; F24J2/46	Ling Chunlin;Chen Aizhen	Solar and wind power shower
GB2484329 A 20120411	US201113307010 20111130; US20100458790P 20101202	F03D11/00; F01D1/02	YOGEV OR [US]; YOGEV YITZHAK [IL]	SOLAR AUGMENTED WIND TURBINE FOR STABLE & DISPATCHABLE UTILITY SCALE POWER GENERATION
GB2484365 A 20120411	CN20101251803 20100812	C02F9/02; F03D9/00	Yang Yongqing	Solar energy and wind energy powered seawater purifying equipment
GB2484643 A 20120418	CN20111298281 20111008	F24J2/00; F03D9/00; F24J2/40; F24J2/46; H02N6/00	UNIV KUNMING SCIENCE & TECH	Solar energy and wind energy-based solar water heater surplus water pipe heat compensation system
GB2484941 A 20120502	CN20112214664U 20110623	F03D9/02; F03D11/00; F03G6/06	Taiyuan University of Science and Technology	Solar hot gas flow power generation system
GB2484962 A 20120502	CN20111327668 20111025	F03D11/04	WUXI C SOLAR NEW ENERGY TECHNOLOGY CO LTD	Solar upper-pulling hot-airflow directive functional tower system
GB2485023 A 20120502	CN20112375125U 20111008	F24J2/46; F03D9/00; F24J2/40; H02N6/00	Kunming University of Science and Technology	Solar water heater residual water pipe concurrent heating system based on solar energy and wind energy
GB2485116 A 20120502	TW100220443U 20111031	H02J7/00; F03D7/00	TSINT [TW]; HUANG YUAN [TW]	Solar-energy air supply system with power feedback function

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GB2485356 A 20120516	TW100214562U 20110805	F24J2/00; F03D1/00	XU JIA-ZE [TW]	Solar-energy water heating device with wind powered heating auxiliary
GB2485524 A 20120523	DE201120101719U 20110609	F03D9/00; F03D9/02	LUDWIG GUENTER [DE]	Solarkraft windröder
GB2485556 A 20120523	FR20050007110 20050704	F16C19/55; F03D1/06; F03D11/00	DEFONTAINE [FR]	SOPORTE DE MOTOR EOLICO PARA TRANSMISION DE FUERZA DE POTENCIA.
GB2485595 A 20120523	KR20110112223 20111031	E01F8/00; E04B1/86; F03D9/00; F24J2/38	SHINSUNG CONSTRUCTION CO LTD [KR]	SOUNDPROOF PANEL
GB2485681 A 20120523	US20100964877 20101210	F03D1/06; B29C65/48	GEN ELECTRIC [US]	Spar assembly for a wind turbine rotor blade
GB2485764 A 20120530	US20100914589 20101028	F03D1/06	GEN ELECTRIC [US]	Spar cap assembly for a wind turbine rotor blade
GB2485987 A 20120606	CN20112287338U 20110809	B66C1/10; F03D11/00	NANJING WIND POWER TECHNOLOGY CO LTD	Special detachable hoisting device for double-fed type wind generating set base
GB2486044 A 20120606	CN20101510954 20101019	F03D7/00; F16D27/04	Jiangsu Sansi Wind Power Technology Co., Ltd.	Special dual-caging type braking device for wind energy motor
GB2486279 A 20120613	CN20112137969U 20110504	F28D20/00; F03D9/02	Zhejiang Riyuesheng Technology Co.,Ltd.	Special equipment for heat and energy storage of large wind power generator
GB2486557 A 20120620	CN20112173578U 20110527	F03D11/00	Xinjiang Wind Energy Liability Co.,Ltd.	Special leaked hydraulic oil collecting and recovering device for wind turbine
GR1007625 B 20120629	CN20112412621U 20111026	F03D11/00; F16H37/04; H02K7/10	Song Shiru	Speed increasing device for vertical axis wind turbine
GR20100100337 A 20120131	JP20100241326 20101027	F03D7/04	SUMITOMO HEAVY INDUSTRIES	Speed reducer for wind power generation equipment
GR20100100397 A 20120305	JP20100241259 20101027	F03D7/02; F03D11/00	SUMITOMO HEAVY INDUSTRIES	Speed reducer for wind power generation equipment, and yaw drive device of wind power generation equipment

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GR20100100457 A 20120322	US20100966909 20101213	F03D7/04	CARTER MAC E [US]	Speed regulatable rotor assembly for wind turbine
GR20100100460 A 20120322	US20100966909 20101213; US20090285987P 20091212	F03D3/06	CARTER MAC E [US]	SPEED REGULATABLE ROTOR ASSEMBLY FOR WIND TURBINE
GR20100100492 A 20120430	CN20112308307U 20110823	F03D7/00	GUODIAN UNITED POWER TECH CO	Speed regulating control device used for front end speed regulating type wind generator system
GR20100100601 A 20120518	CN20111242836 20110823	F03D7/00	GUODIAN UNITED POWER TECH CO	Speed regulation control device for front-end speed-regulation-type wind power generator system
HRP20100241 A2 20120131	CN20111212765 20110728	F03D3/06; F03D7/06; F03D11/00	QISHAN LI	Speed-stabilizing sail windmill with high-intensity bidirectional pulling sail
HRP20120304T T1 20120430	US201113181093 20110712; US20100363691P 20100713	F03D11/00	BLONDER GREG E [US]	SPINNING HORIZONTAL AXIS WIND TURBINE
HU1000456 A2 20120502	CN20111268532 20110913	F03D3/06; B23P15/04	Nantong University	Spiral vertical axis wind turbine blade for wind power generation and machining method
HU1000459 A2 20120502	CN20112314054U 20110824	F16H57/04; F03D11/02	CHONGQING GEARBOX CO LTD	Spline lubrication structure of sun gear of wind power speed-increasing gearbox
HU1000506 A2 20120529	CN20112315555U 20110821	F03D9/00; F03D3/06	XIANGMING ZHANG; XU LI	Split blade vertical shaft wind-driven generator
HU1000518 A2 20120529	CN20111364980 20111117	F03D11/04	CHINA MCC17 GROUP CO LTD	Split high-altitude butt-joint installation method of offshore wind generating set
HU1000545 A2 20120529	CN20112259310U 20110721	F03D11/00	SHANGHAI HING WAH HONEYCOMB PANEL CO LTD	Split joint structure of honeycomb board
HU1000566 A2 20120529	US201113297303 20111116	F03D11/02; F03D9/00	NIES JACOB JOHANNES [NL]	SPLIT LOAD PATH GEARBOX

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ITRM20100686 A1 20120624	CN20112241904U 20110711	F03D9/02; F03D11/02	GENCHUN LIN	Split vehicle-mounted pneumatic electric power system
JP2012002069 A 20120105	WO2010CN00759 20100527; CN20091111878 20090601; CN20108024335 20100527	F03D3/04; F03D3/02	LEI YUENING [CN]; LEI SHENGQING [CN]	Square active-body compressed wind generating apparatus
JP2012002133 A 20120105	DE201220101621U 20120502	F03D11/04	KGW SCHWERINER MASCHINEN UND ANLAGENBAU GMBH [DE]	Stahlurm f'r Windkraftanlagen
JP2012002215 A 20120105	DE201220100446U 20120209	E04H12/08; E04H12/20; F03D11/04	KGW SCHWERINER MASCHINEN UND ANLAGENBAU GMBH [DE]	Stahlurm für Windkraftanlagen
JP2012002219 A 20120105	DE201220100448U 20120209	E04H12/08; E04H12/20; F03D11/04	KGW SCHWERINER MASCHINEN UND ANLAGENBAU GMBH [DE]	Stahlurm für Windkraftanlagen
JP2012007485 A 20120112	CN20111435395 20111222	F03D9/00; F01D15/10; H02N6/00	Luoyang Weiqi Solar Technology Co., Ltd.	Stair-head energy supply system
JP2012007519 A 20120112	KR20100064931 20100706	F03D7/00; F24J2/02; H02J3/00	SAMSUNG HEAVY IND [KR]	STANDBY POWER SUPPLY SYSTEM FOR WIND TURBINE SYSTEM
JP2012007525 A 20120112	CN20111346490 20111104	F16H61/12; F03D11/00	UNIV SHANGHAI DIANJI	State monitoring and fault analyzing method and device for gearbox
JP2012011781 A 20120119	CN20111374148 20111122	F03D11/02; F03D7/04; F16H47/04	Jianglu Machinery & Electronics Co., Ltd.	Static-pressure differential speed regulation-type main transmission in wind generating set
JP2012012974 A 20120119	CN20111428537 20111220	F03D9/00; F03D7/00; F03D11/00; F03G5/00; H02J3/38;	Wei Jianke;Wei Zhaocheng	Stationary module generator

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JP2012012978 A 20120119	SE20100051070 20101013	F16H57/00; F16H1/26; F16H57/021	AUTOINVENT TRANSIP AB [SE]	Stationör vöxelenhet
JP2012013091 A 20120119	US201113181551 20110713	F03D9/00; E04B1/38; E04H12/00; E04H12/20	LAMBERT WALTER L [US]	Stay Cable for Structures
JP2012017726 A 20120126	CN20112290316U 20110811; CN20112393141U 20111014	F03D9/00; F03D3/00; F03D11/04	DENG YUNHE [CN]	Steel tube prefabricated vertical axis wind-driven generator tower column
JP2012017727 A 20120126	SE20090050188 20090325; WO2010EP53790 20100323	F03D9/02	BJORK MIKAEL [SE]	STEP UP CONVERTER FOR A WIND POWER PLANT
JP2012017735 A 20120126	WO2010IB02127 20100830; IT2009RA00029 20090901	F03D11/02; F16H37/08	Manara Stefano	Stepless gear ratio variator
JP2012017736 A 20120126	JP20100183202 20100818	F16H1/32; F03D11/02	MINE SERVICE KK	STEP-UP GEAR
JP2012021412 A 20120202	DE200710060958 20071214; WO2008EP10312 20081204	F03D7/02; F03D9/00	REPOWER SYSTEMS SE [DE]	STEUEREINRICHTUNG FÜR WINDENERGIEANLAGEN MIT NETZAUSFALLERKENNUNG
JP2012021518 A 20120202	EP20080021302 20081208	F03D7/02; F03D9/00; G05B11/01	SIEMENS AG [DE]	STEUERUNG DER DREHZAHLEINES WINDRADS, DAS DARAN GEHINDERT WIRD, STROM AN EIN STROMNETZ ZU EXPORTIEREN

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JP2012026338 A 20120209	DE200520014699U 20050916	F16N7/12; F03D7/02; F03D11/00; F16H57/04	BAIER & KOEPEL GMBH & CO [DE]	Stigningsindstillingsindretning til en vindturbine
JP2012026433 A 20120209	CN20111425799 20111218	F24J2/00; F03D9/00; F24J2/04; F24J2/40	Hunan University of Science and Technology	Stirring type wind power heating, solar and gas hybrid water heater
JP2012026453 A 20120209	CN20102572427U 20101022	F03D11/00; F03D7/00	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD [CN]; XU XUEGEN [CN]; YU KAI [CN]; HE GUORONG [CN]	STOPPING MECHANISM FOR NEGATIVE ANGLE VARIABLE PITCH OF WIND POWER GENERATOR
JP2012026687 A 20120209	KR20100081952 20100824	F17C1/14; F03D5/00; F17C1/00	LEE DAL EUN [KR]	STORAGE TANK FOR FOMPRESSED AIR
JP2012031827 A 20120216	CN20112139476U 20110505	F21S9/03; F03D1/00; F03D9/00; F21S9/04; F21V23/00	SUZHOU SUNLIGHT WELL PHOTOVOLTAIC TECHNOLOGY CO LTD	Street lamp with wind/solar hybrid generation
JP2012031860 A 20120216	DE201010045413 20100915	F03B3/08; F03B3/04; F03B5/00; F03B13/10; F03D1/00	P E A C E POWER WATER AND WASTEWATER GMBH [DE]	Strömungswandler
JP2012039802 A 20120223	US20100949878 20101119	F03D11/00; B32B37/02; B32B37/12; B32B37/14; C09J11/04; C09J113/00; C09J163/00	DESAI UMESH C [US]; CHAO TIEN-CHIEH [US]; NAKAJIMA MASAYUKI [US]; RAGUNATHAN KALIAPPA [US]	STRUCTURAL ADHESIVE COMPOSITIONS

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JP2012041861 A 20120301	US201113189743 20110725; DE201010038408 20100726; US20100367560P 20100726	F03D11/00; B32B3/02; B32B3/12; B32B7/02; B32B37/14	AIRBUS OPERATIONS GMBH [DE]	STRUCTURAL ELEMENT FOR AN AIRCRAFT OR SPACECRAFT AND METHOD FOR PRODUCING SUCH A STRUCTURAL ELEMENT
JP2012041913 A 20120301	TW100216109U 20110829	F03D1/00	HONG XING TECHNOLOGY CO LTD [TW]	Structural improvement for wind turbine of wind-powered generator
JP2012041931 A 20120301	CN20111350740 20111105	F03D9/00; F03D7/04	Taiyuan University of Science and Technology	Structure and control method for solar chimney power generation system
JP2012041971 A 20120301	KR20100096215 20101004	F03D1/06; F03D11/00	MOON KWANG HO [KR]	STRUCTURE FO WINDMILL AND METHOD OF POWER TRANSMISSION FOR WIND POWER GENERATOR
JP2012043728 A 20120301	CN20111249757 20110829	F03D11/00; F03D11/02; H02K5/04	TANGSHAN TOYODA TECHNOLOGY CO LTD	Structure for connecting vertical shaft windmill with power generator
JP2012044804 A 20120301	JP20100245219 20101101	F03D11/00	mitsubishi heavy ind ltd [JP]; KAMIBAYASHI MASAKAZU [JP]; HIRANO HARUHIKO [JP]; NUMAJIRI TOMOHIRO [JP]; ITO KENJI [JP]; HONDA IKUO [JP]; FUJIOKA YOSHIHIRO [JP]	STRUCTURE FOR NACELLE COVER CONNECTION UNIT OF WIND POWER GENERATION DEVICE
JP2012044852 A 20120301	CN20111254681 20110831	F03D7/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Structure for preventing abnormal friction of high-speed brake of wind power generator
JP2012045981 A 20120308	CN20112440933U 20111109	F03D11/04	Baoding Tianwei Wind Power Technology Co., Ltd.	Structure for reducing stress at flange bend
JP2012047067 A 20120308	IT2010LE00010 20100729	F03D1/04; F03D9/00	SAIM S R L [IT]; MASILLA SANTO [IT]	STRUCTURE FOR THE ELECTRICAL ENERGY PRODUCTION FED BY SUN AND WIND SOURCE CALLED SUN TURBINE TREELUX (TST)

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JP2012047086 A 20120308	TW101200179U 20120104	F03D11/04	CHEN ZE-YAN [TW]	Structure of Impeller assembly
JP2012047182 A 20120308	CN20112302457U 20110819	F03D7/00; H05K1/18; H05K7/20	CHENGDU FORWARD TECHNOLOGY CO LTD	Structure of servo drive control device
JP2012050181 A 20120308	TW100209596U 20110527	F03D3/04	QIU JIN-HE [TW]	Structure of wind power generator
JP2012052445 A 20120315	DE201010039705 20100824	B64C3/20; B64C1/00; F03D1/06	AIRBUS OPERATIONS GMBH [DE]	Strukturelement fr ein Luft- und Raumfahrzeug und Verfahren zum Herstellen eines derartigen Strukturelementes
JP2012052516 A 20120315	EP20070017912 20070912	F03D7/02	SIEMENS AG [DE]	Styring til vindmllekrjesystem og fremgangsmde til at mindske de belastninger, der virker p et sdant krjesystem
JP2012056333 A 20120322	US201113065884 20110331; US20100341585P 20100401	F03D9/02; F03B13/24	VAN BREEMS MARTINUS [US]	Submerged energy storage
JP2012057484 A 20120322	IT2009TO00015 20090113; WO2010IB50088 20100111	B63B35/44; E02D5/60; E02D29/09	BLUE H INTELLECTUAL PROPERTY CYPRUS LTD [CY]	Submersible Platform With Blocked Thrust For Offshore Wind Plants In Open Sea In Concrete-Steel Hybrid Solution
JP2012057505 A 20120322	KR20100077942 20100812	F03D9/00; F03D11/00	KIM NAM KUNG [KR]; KIM MI KUNG [KR]	SUBTERRANEAN WATER ELUTION APPARATUS
JP2012062757 A 20120329	CN20112434276U 20111031	G09F9/33; F21S9/03; F21S9/04	Zhang Hui	Subtitle display device for wind energy and light energy complementary street lamp
JP2012062851 A 20120329	CN20112306204U 20110822	A47G21/18; F03D9/00	ZHONGPING LOU	Suction tube with fan blade
JP2012062910 A 20120329	US20100772213 20100502	H01G9/038; H01G2/10	MELITO INC [US]	SUPER CONDUCTING SUPER CAPACITOR

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JP2012067704 A 20120405	US20090235005P 20090819; WO2010US45985 20100819	F03D1/02; F03B1/00; F03B15/00; F03D3/02; F03D7/00	NAT OILWELL VARCO LP [US]	SUPER EFFICIENT REGULATOR
JP2012067724 A 20120405	CN20091208286 20091021	F03D9/00; F03D3/06	Chen Gengxin	Super-huge rail type wind driven generator
JP2012067737 A 20120405	DK20100070578 20101223; US201061426539P 20101223	F03D7/02; F03D7/04	VESTAS WIND SYS AS [DK]; MIRANDA ERIK CARL LEHNSKOV [DK]	SUPERVISION OF CONTROLLER INSTABILITY IN A WIND TURBINE
JP2012067739 A 20120405	DE200510014868 20050330	F03D11/04; E02B17/02; E02D27/42; F03D1/00	REPOWER SYSTEMS SE [DE]	Support feet for an offshore wind turbine
JP2012067769 A 20120405	CN20112084657U 20110328	F03D11/00	BEIJING YILI NEW ENERGY CO LTD	Support in shape like Chinese character 'mi' for tower cylinder
JP2012072753 A 20120412	KR20100095247 20100930	F03D11/04	KOREA ELECTRIC POWER CORP [KR]	SUPPORT MEMBER FOR OFFSHORE WIND POWER GENERATOR
JP2012072755 A 20120412	EP20090380102 20090519; WO2010IB52222 20100519	E04H12/12; E04H12/16; F03D11/04	PACADAR S A [ES]	Support structure for a wind turbine and procedure to erect the support structure
JP2012077620 A 20120419	GB20100012421 20100723	F03D11/04	PAUL A FRIEZE & ASSOCIATES LTD [GB]; FYFE ALEXANDER JOHN [GB]	SUPPORT STRUCTURE FOR AN OFFSHORE WIND TURBINE
JP2012077687 A 20120419	EP20100152435 20100202	F03D11/04; E02D27/42; E02D27/52	SIEMENS AG [DE]	Support structure for an offshore wind turbine wherein the foundation and part of the tower is formed in one piece
JP2012082713 A 20120426	CN20111277655 20110919	F03D11/04; F03D9/00	Zhong Jianhua	Suspended cable type wind energy generating device

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JP2012082729 A 20120426	CN20112064928U 20110314; CN20112084353U 20110328	F03D11/00	JIANWEN YANG	Suspended type wind power generator
JP2012082812 A 20120426	CN20111394806 20111202	F03D9/02; F03D3/06; F03D11/00	BEIJING TECHWIN ELECTRIC CO LTD	Suspended wind turbine
JP2012085388 A 20120426	CN20112294118U 20110813	F03D9/00; F03B17/02; F03D1/06; F03D7/02; F03D11/00; F03D11/02; H02K7/116; H02K13/00	XIAOHE LU	Suspension-type horizontal axis wind turbine with buoyancy overcoming gravity and elasticity
JP2012085408 A 20120426	DE200910044570 20091117; WO2010EP65377 20101014	H02B1/04; F03D11/00; H02B1/20; H02B1/26	SSB WIND SYSTEMS GMBH & CO KG [DE]	Switch cabinet for wind power generation device
JP2012087640 A 20120510	DE200910005959 20090123; WO2009EP65439 20091119	H02P9/04; H02B7/00	AVANTIS LTD [CN]	SWITCHGEAR CUBICLE ARRANGEMENT
JP2012087766 A 20120510	CN20111453393 20111230	F03D7/00	GUODIAN UNITED POWER TECH CO	Synchronous correction method of pitch position of variable pitch wind generating set
JP2012087770 A 20120510	CN20101521369 20101027	F03D9/00; F03D7/04	Li Yunchu;Li Xianyi	Synchronous power-driven multi-blade variable pitch wind driven generator

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JP2012090523 A 20120510	GB20010028808 20011201; GB20010028854 20011201; WO2002GB05422 20021202	H02P3/22; F03D7/02; F03D7/04; H02K3/47; H02K21/24; H02P3/12	ISKRA WIND TURBINES LTD [GB]	SYNCHRON-WECHSELSTROMGENERATOR MIT EINEM BREMSMECHANISMUS
JP2012092651 A 20120517	US201113313300 20111207; US20080205110 20080905	H02P9/04; F03D9/00; F03D11/02; F16H1/28	GEN ELECTRIC [US]	SYSTEM AND ASSEMBLY FOR POWER TRANSMISSION AND GENERATION IN A WIND TURBINE
JP2012092657 A 20120517	US201113217796 20110825	F03D7/04	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR ADJUSTING A BENDING MOMENT OF A SHAFT IN A WIND TURBINE
JP2012092658 A 20120517	US20100893728 20100929	F03D1/06; B63B1/00; B64C23/06; F01D5/14; F01D5/16; F04D29/32; F04D29/68	GEN ELECTRIC [US]	System and method for attenuating the noise of airfoils
JP2012092659 A 20120517	US20090178692P 20090515; WO2010CA00758 20100517	F03D7/00; F03D7/04	REDRIVEN POWER INC [CA]	System and method for controlling a wind turbine
JP2012092661 A 20120517	KR20100122615 20101203	F03D7/02; F03D11/00; F03D11/02	SAMSUNG HEAVY IND [KR]; HA INCHUL [KR]	SYSTEM AND METHOD FOR CONTROLLING THE TEMPERATURE OF A GEARBOX FOR A WIND GENERATOR
JP2012092662 A 20120517	US20100894453 20100930	G01M5/00; F03D7/02; G01L15/00; G01M9/06	GEN ELECTRIC [US]	System and Method for Controlling Wind Turbine Blades

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JP2012092728 A 20120517	US20100974525 20101221	F03D7/04	GEN ELECTRIC [US]	System And Method For Controlling Wind Turbine Power Output
JP2012092733 A 20120517	US20100938439 20101103	F03D7/00; F03D11/00	OBRECHT JOHN M [US]	SYSTEM AND METHOD FOR DAMPING MOTION OF A WIND TURBINE
JP2012092851 A 20120517	EP20090167385 20090806; WO2010EP61235 20100802	F03D7/02; E04B1/98; F03D11/04; F16F15/02	ALSTOM WIND S L U [ES]	System and method for damping vibrations in a wind turbine
JP2012097673 A 20120524	CN20101514710 20100930	F03D1/06; F03D7/02	GEN ELECTRIC [US]	System and method for detecting and controlling rotor blade deflection
JP2012097700 A 20120524	US201113312336 20111206	F03D11/00; F03D7/00	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR DETECTING AND/OR CONTROLLING LOADS IN A WIND TURBINE
JP2012097722 A 20120524	US201113312305 20111206	F03D7/00; G01N3/00; G01S13/08	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR DETECTING AND/OR CONTROLLING LOADS IN A WIND TURBINE
JP2012097723 A 20120524	US20100977792 20101223	F03D7/04	GEN ELECTRIC [US]	System and method for detecting anomalies in wind turbines
JP2012097730 A 20120524	US20100955325 20101129	G01W1/16; F03D7/00; F03D11/00; G01R29/08; H02G13/00	GEN ELECTRIC [US]	System and method for detecting lightning strikes likely to affect a condition of a structure
JP2012097757 A 20120524	US201113312271 20111206	F03D11/00	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR DETECTING LOADS TRANSMITTED THROUGH A BLADE ROOT OF A WIND TURBINE ROTOR BLADE
JP2012102405 A 20120531	CA20102709723 20100719	F03D11/04; F03D3/04; F03G6/00; F24J2/52	KIMBERG SERGE [CA]	SYSTEM AND METHOD FOR ELECTRICAL POWER GENERATION FROM RENEWABLE ENERGY SOURCES

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JP2012107535 A 20120607	WO2010US00705 20100309; US20090202522P 20090309	F03D9/00; F03B13/12; F03B13/16; F03B13/26; F03B15/00; F03D7/00	NATURAL POWER CONCEPTS INC	System and method for generating electricity using grid of wind and water energy capture devices
JP2012107584 A 20120607	NL20091037315 20090924; NL20092003790 20091111; NL20091036978 20090520; WO2010NL50297 20100519	F03B13/26; F03B13/18; F03B17/06; F03D5/06	CROUGHS ERWIN	System and method for generating energy from a streaming fluid
JP2012107612 A 20120607	US20100361939P 20100707; DK20100070317 20100707	F03D1/00	VESTAS WIND SYS AS [DK]; PEDERSEN GUNNAR STORGAARD K [DK]	SYSTEM AND METHOD FOR HANDLING WIND TURBINE TOWER SECTIONS
JP2012107614 A 20120607	WO2009CN00998 20090903	F03D9/00; B64B1/50; F03D1/00	Beijing Qixiang Innovation Scient And Technical Ct	System and method for high altitude wind power generation
JP2012110197 A 20120607	US20100956212 20101130	G01S13/90; F03D1/00; F03D3/00; F03D11/00; G01N22/00; G01S13/34; G01S13/88	GEN ELECTRIC [US]	System and method for inspecting a wind turbine blade
JP2012112239 A 20120614	TW20100142692 20101207	H02J1/12	UNIV NAT CHENG KUNG [TW]	SYSTEM AND METHOD FOR INTEGRATING WIND POWER GENERATION WITH WAVE POWER GENERATION
JP2012112248 A 20120614	US20100955384 20101129	F03D1/00; F03D11/00	GEN ELECTRIC [US]	System and method for locating a maintenance device on a wind turbine

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JP2012112276 A 20120614	US20100970078 20101216	F03D11/02; F03D7/04	GEN ELECTRIC [US]	System and method for measuring shaft deflection in a wind turbine
JP2012112295 A 20120614	KR20100080400 20100819	F03D11/04; E04H12/00		SYSTEM AND METHOD FOR MEASURING TOWER OF AEROGENERATOR
JP2012112296 A 20120614	US201113193663 20110729	F03D7/04; G06K9/00	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR MONITORING AND CONTROLLING PHYSICAL STRUCTURES
JP2012112298 A 20120614	US20100955412 20101129	F03D11/00; G01R31/02; H02G13/00	GEN ELECTRIC [US]	System and method for performing a continuity test on a lightning conduction system of a wind turbine
JP2012112309 A 20120614	US20100969945 20101216	F03D1/00; F03D11/00	GEN ELECTRIC [US]	System and method for performing an external inspection on a wind turbine rotor blade
JP2012112335 A 20120614	US201113334813 20111222	F03D7/00	GEN ELECTRIC [US]	SYSTEM AND METHOD FOR PITCHING A ROTOR BLADE IN A WIND TURBINE
JP2012117373 A 20120621	CN20111440051 20111223	F03D7/02; G08B21/18	Goldwind Science & Technology Co., Ltd.	System and method for pre-warning and controlling gust load of wind power station
JP2012117447 A 20120621	US201113106377 20110512; US20100333879P 20100512	H02K7/18; F03D9/00	TKADLEC MIKE [US]	SYSTEM AND METHOD FOR STORING ENERGY AND/OR GENERATING EFFICIENT ENERGY
JP2012122406 A 20120628	WO2010US30071 20100406; US20090215201P 20090504; US20090215202P 20090504; US20090215204P 20090504	F03D5/00	SKYWIND INC [US]	SYSTEM AND METHOD FOR UMBRELLA POWER GENERATION
JP2012122477 A 20120628	US20100899324 20101006	F03D11/00	GEN ELECTRIC [US]	System and method of distributing air within a wind turbine
JP2012122546 A 20120628	TW20100142693 20101207	H02J1/12	UNIV NAT CHENG KUNG [TW]	SYSTEM AND METHOD OF INTEGRATING WIND POWER AND TIDAL ENERGY

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KR101104127B B1 20120113	KR20100115727 20101119	F03D11/00; G01D21/02; G01L5/00; H01L31/042	KOREA RES INST OF STANDARDS [KR]	SYSTEM AND METHOD OF MEASURING PARAMETERS OF WIND POWER GENERATOR BLADE INCLUDING SEPARATED POWER GENERATOR
KR101106205B B1 20120120	US20100975014 20101221	F03D1/06	GEN ELECTRIC [US]	System And Method Of Operating An Active Flow Control System To Manipulate A Boundary Layer Across A Rotor Blade Of A Wind Turbine
KR101113594B B1 20120222	US20100972207 20101217	F03D11/02; H02P9/06	GEN ELECTRIC [US]	SYSTEM AND METHOD TO PROVIDE CONSTANT SPEED MECHANICAL OUTPUT IN A MACHINE
KR101118172B B1 20120316	US20100968525 20101215	F03D7/04; H02P9/04	GEN ELECTRIC [US]	System and methods for adjusting a yaw angle of a wind turbine
KR101120624B B1 20120316	US201113173771 20110630	F03D11/00; F03D7/00	GEN ELECTRIC [US]	SYSTEM AND METHODS FOR CONTROLLING THE AMPLITUDE MODULATION OF NOISE GENERATED BY WIND TURBINES
KR101123257B B1 20120320	US201113173703 20110630	H02P9/02	GEN ELECTRIC [US]	SYSTEM AND METHODS FOR CONTROLLING THE AMPLITUDE MODULATION OF NOISE GENERATED BY WIND TURBINES
KR101126624B B1 20120326	US201113289402 20111104	F03D9/02; F03D9/00	OWENS ANDREW J [US]	SYSTEM FOR A VEHICLE TO CAPTURE ENERGY FROM ENVIRONMENTAL AIR MOVEMENT
KR101130148B B1 20120328	US201113094215 20110426	F03D11/00	GEN ELECTRIC [US]	SYSTEM FOR ACTIVELY MONITORING WEAR ON WIND TURBINE BRAKE PADS AND RELATED METHODS
KR101132664B B1 20120403	WO2010EP66488 20101029	F03D11/00; H01F38/18	3E [BE]; DE BROE ALEX [BE]	SYSTEM FOR CONTACTLESS POWER TRANSFER BETWEEN NACELLE AND TOWER OF A WINDTURBINE
KR101132818B B1 20120405	US201113337334 20111227; US20070805270 20070521; US20060802832P 20060522	F03D7/02	HILL DARYL G [US]	SYSTEM FOR CONTROLLING OPERATION OF A CROP PROTECTION WIND MACHINE ARRAY

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KR101140348B B1 20120507	CN20111294103 20110930	H02J3/38; F03D7/04; H02J3/18; H02P21/14	Changsha University of Science and Technology	System for controlling permanent magnet wind turbine generator set according to given power under full wind condition
KR101141145B B1 20120502	TN20100000433 20100922	F03D3/06; F03D1/06; F03D5/00	SAPHON ENERGY LTD; AOJINI ANIS M [TN]	SYSTEM FOR CONVERTING WIND ENERGY
KR101142151B B1 20120510	US201113204709 20110807; US20090370760 20090213	F03D9/00; H02P9/06	SIMON BERNARD JOSEPH [US]	SYSTEM FOR CONVERTING WIND POWER TO ELECTRICAL POWER WITH TRANSMISSION
KR101142460B B1 20120508	US20100826975 20100630	F03D11/00	GEN ELECTRIC [US]	System for detecting proximity between a wind turbine blade and a tower wall
KR101143144B B1 20120508	US20100846099 20100729	F03D11/00	GEN ELECTRIC [US]	System for estimating a condition of a non-conductive hollow structure exposed to a lightning strike
KR101143411B B1 20120621	EP20100194043 20101207	B66C23/26; B66C23/28; B66C23/52; F03D1/00; F03D11/04	RAVESTEIN CONTAINER PONTOON B V [NL]	System for facilitating work to be performed on part of an off shore structure and method for installing such a system
KR101145485B B1 20120515	CO20100152064 20101202	F03D3/00; F03D3/06	ECOPETROL S A [CO]; UNIV PONTIFICIA BOLIVARIANA [CO]; GIRALDO OROZCO MAURICIO [CO]; NIETO LONDONO CESAR [CO]; FLOREZ LONDONO DIEGO ANDRES [CO]; ESCUDERO ANA CECILIA [CO]; LOPEZ RUIZ SANTIAGO [CO]; FERNANDEZ MARIA CAMILA [CO]	SYSTEM FOR GENERATING ELECTRICAL ENERGY FROM LOW SPEED WIND ENERGY BY MEANS OF TWO SYSTEMS OF DRIVE BLADES

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KR101145765B B1 20120516	AU20070258456 20070606; AU20120203110 20120528	F03D5/04; F03B9/00; F03B13/18; F03D9/00	OCEANA ENERGY COMPANY	System for generating electricity from fluid currents
KR101146089B B1 20120515	IT2010MI02039 20101103	F03D5/06	ZANETTISTUDIOS S R L [IT]	System for generating energy from a fluid flow
KR101148306B B1 20120521	US201113307036 20111130; US20070764495 20070618	H05K7/20; F03D9/00	GEN ELECTRIC [US]	SYSTEM FOR INTEGRATED THERMAL MANAGEMENT
KR101150535B B1 20120608	RO20110000447 20110510	F03D5/06	ANGHEL EMIL [RO]	SYSTEM FOR PRODUCING ELECTRIC POWER FROM WIND ENERGY, BY TAKING OVER THE MOTION OF TREE BRANCHES
KR101152418B B1 20120607	DE201010045812 20100920; DE201110100769 20110506	F16P7/02; B66B1/50; F03D11/04; F16P3/00	LOH KG HAILO WERK [DE]	System for protecting gantry for transporting material and person to tower of wind energy plant, has cable pull switch that is provided in traction cable for interruption of power supply to electrical drive unit
KR101155044B B1 20120611	MX20100012878 20101125	F03D9/00	DELGADO EDGAR ALEJANDRO MALDONADO [MX]	SYSTEM FOR PROTECTING WIND GENERATORS.
KR101156642B B1 20120615	WO2010ES00384 20100917; ES20090030806 20091006	F03D11/00; H02G13/00	LINEAS Y CABLES S A [ES]	System for protecting wind turbines against atmospheric discharges
KR101156928B B1 20120614	US20100898769 20101006	F03D11/00; B64D43/02; F03D7/02; G01P13/00	SIEMENS AG [DE]; OBRECHT JOHN M [US]	SYSTEM FOR REMOTE MONITORING OF AERODYNAMIC FLOW CONDITIONS
KR101157389B B1 20120618	KR20090002012 20090109	F03D9/02; F03B13/00; F24J3/00	KOREA IND TECH INST [KR]	SYSTEM FOR STORING AND TRANSFORMING ENERGY BY USING FLUID COMPRESSION TYPE

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KR200458167Y Y1 20120130	GR20100100337 20100611	F03D9/00	TANTSIS EVANGELOS GEORGIU [GR]	SYSTEM FOR THE PRODUCTION OF POWER VIA A MODIFIED WIND GENERATOR OPERATED BY RECYCLED WATER
KR200459673Y Y1 20120412	TW20100141369 20101130	A01K61/00; F03D9/00; H01L31/042	UNIV NAN KAI TECHNOLOGY [TW]	System for transmitting fishery oxygen sensing information by using solar energy and wind power generation
KR200460486Y Y1 20120523	CN20101512937 20100929	F03D11/00	GEN ELECTRIC [US]	System und Verfahren zur Inspektion von Windkraftanlagen
KR2012000013U U 20120102	DE201010050020 20101102	H02J3/14; F03D7/00	CHEMIN GMBH [DE]	System und Verfahren zur vollständigen und uneingeschränkten Nutzung von ungesteuert erzeugter elektrischer Energie
KR20120000057 A 20120103	PL20100392859 20101104	F03D1/04; F03D1/00	HILLE EWARYST [PL]	System with at least one cable with integrated power unit, especially for recovering the energy of flow resistances and using the carrying capacity as a result of the vehicle movement
KR20120000315 A 20120102	CN20102645348U 20101207	F03D9/00; F03B13/14	ZHANG XUE [CN]; WU SU [CN]	SYSTEM WITH COMPLEMENTARY DRIVING BY NATURAL POWER AND ELECTRICAL POWER TO DO WORK
KR20120000325 A 20120102	US20100898322 20101005	F03D7/04	GEN ELECTRIC [US]	System, device, and method for automated monitoring and operation of wind turbines
KR20120000584U U 20120125	US20100961269 20101206	F03D7/00; F03D7/02; F03D7/04	GEN ELECTRIC [US]	System, device, and method for estimating the power output of wind turbines
KR20120000723 A 20120104	US20100961322 20101206	F03D7/04; F03D7/02	GEN ELECTRIC [US]	System, device, and method for noise-based operation of wind turbines
KR20120000726 A 20120104	US20100968461 20101215	G01R29/08; F03D11/00	GEN ELECTRIC [US]	System, method and apparatus for detecting lightning strikes

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KR2012000876U U 20120206	US20100455347P 20101019	A01K11/00; A01M29/00	RENEWABLE ENERGY SYSTEMS AMERICAS INC [US]; BABBITT VICTOR [US]; OLIVER ANDREW G [US]; FINE JEFFREY W [US]; IVES DANIEL [US]; BRAND ALEXANDER D [US]	SYSTEMS AND METHODS FOR AVIAN MITIGATION FOR WIND FARMS
KR2012000939 A 20120104	US201113306660 20111129	F03D11/00	WAGONER ROBERT GREGORY [US]; RITTER ALLEN MICHAEL [US]; SUTHERLAND STEVEN WADE [US]	SYSTEMS AND METHODS FOR COOLING ELECTRICAL COMPONENTS OF WIND TURBINES
KR20120001424U U 20120229	US20100895521 20100930	F03D1/00; G01R21/00	GEN ELECTRIC [US]	Systems and methods for identifying wind turbine performance inefficiency
KR20120001652 A 20120104	US20100972221 20101217	F03D11/00; F03D1/06	GEN ELECTRIC [US]	Systems and methods for monitoring a condition of a rotor blade for a wind turbine
KR20120001663 A 20120104	US20100787767 20100526	F03D7/02; F03D1/06; F03D9/00	GEN ELECTRIC [US]	Systems and methods for monitoring a condition of a rotor blade for a wind turbine
KR20120001689 A 20120104	US20080006979P 20080208	F03D7/04	TEKNOLODZHI SERVIS CORP [US]	SYSTEMS AND METHODS OF ATTENUATION OF IMPACT OF WIND TURBINES ON RADAR
KR20120001690 A 20120104	US20100967319 20101214	G01B11/16; F03D7/02; F03D7/04; F03D11/00	GEN ELECTRIC [US]	Systems for determining deflection of a wind turbine shaft
KR20120001724 A 20120104	US201113315907 20111209; US20100421479P 20101209	H02P9/04	NORTHERN POWER SYSTEMS INC [US]	Systems for Load Reduction in a Tower of an Idled Wind-Power Unit and Methods Thereof
KR20120002184 A 20120105	CN20112339493U 20110909	F03D7/02	ZHONGYI GUO; CHEN LIRU	Tail fin structure of wind energy generating device

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KR20120002401U U 20120405	CN20101554365 20101123	F03D9/00; F03D3/00; F03D3/04	Dalian Chuangda Technology Trade Market Co., Ltd.	Tandem type wind energy generator set
KR20120002671 A 20120109	CN20112253616U 20110719	F03D9/02; F03D3/04; H02N6/00	HARBIN ZHUOER TECHNOLOGY CO LTD	Tapered wind gathering type vertical-shaft wind-solar complementary wind driven generator
KR20120002799 A 20120109	FR20110000942 20110327; FR20110003179 20111014	F03D11/00; G09F9/33; G09F13/34; G09F19/02; G09F19/12	STEINKE GALLO SABRINA [FR]	Technical device for optimizing brightness of image display in wind turbine, has lasers, cameras, self-powered or power generators and electrical, electronic or photonic instruments integrated to dampening modules
KR20120002806 A 20120109	CN20101568050 20101201	F03D11/04	CHANGXING WIND POWER TECHNOLOGY CO LTD [CN]	Technology for combined offshore floating wind power generation
KR20120003263 A 20120110	US20090224925P 20090713; WO2010IB52782 20100621	F03D9/00	LEVIATHAN ENERGY WIND LOTUS LTD [IL]	Telecom tower vertical axis wind turbines
KR20120003338U U 20120515	WO2009EP58896 20090713	E04H12/12; E04H12/30; E04H12/34; F03D11/04	VSL INT AG [CH]	Telescopic tower assembly and method
KR20120003339U U 20120515	CN20112241729U 20110711	E04H15/02; E04H15/10; E04H15/58; F03D9/02	PENGYU YANG	Temperature difference generated tent
KR20120003380U U 20120516	KR20100072004 20100726	G01M99/00; F03D11/00	UZINADVANTEK [KR]; LEE JE WOOK [KR]	Test apparatus for Wind Turbine
KR20120003389U U 20120516	DE201010046910 20100923; DE201010049407 20101026	G01M13/02; F03D11/00	CONVERTEAM GMBH [DE]	Test stand for components of wind-power plant, has motor drive for pressurizing gearbox with rotational torque simulating wind force at specific rotation speed

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KR20120003511U U 20120521	IT2009TO00008U 20090123; WO2010IT00015 20100120	D02G3/00	IPPOLITO MASSIMO [AT]	TETHER FOR TROPOSPHERIC AEOLIAN GENERATOR
KR20120003512U U 20120521	KR20100103158 20101021	F03D3/02; F03D1/00; F03D11/02; F03D11/04	EJEN CO LTD [KR]	THE AERIAL WIND POWER GENERATING DEVICES
KR20120003513U U 20120521	KR20100113449 20101115	F03D11/00; F03D11/02	EDWARD VICTOR SMITH [US]	THE AEROGENERATOR
KR20120003514U U 20120521	KR20100113448 20101115	F03D11/00; F03D1/00; F03D11/02	EDWARD VICTOR SMITH [US]	THE AEROGENERATOR
KR20120003527 A 20120111	KR20100071490 20100723	F03D1/02; F03D11/00; F03D11/02	NELSON JOHN [KR]; BAKER MICHAEL [KR]; WILSON CHRIS [KR]	THE AEROGENERATOR PROVIDED WITH HORIZONTAL MAINTENANCE INSTRUMENT OF ROTARY VANE
KR20120003940U U 20120605	KR20120052990 20120518	F03D11/00; F03D3/00; F03D11/02; F03D11/04	PARK SEONG WOO [KR]	THE CENTER POST AND THE WIND POWER GENERATION DEVICE OF VERTICAL TYPE THAT IS USING THE CENTER POST
KR20120003949 A 20120111	TW20100128592 20100826	F03D11/00	ATOMIC ENERGY COUNCIL [TW]	The Fail-safe structure of the wind turbine
KR20120004006 A 20120112	KR20100098193 20101008	F03D9/00; B62J6/06	YOON BEONG HOO [KR]; MOON HONG JO [KR]	THE HIGH EFFICIENCY WIND POWER GENERATION APPARATUS OF USING BICYCLE WHEEL
KR20120004202 A 20120112	KR20100105067 20101027	F03B13/26; F03B7/00; F03B17/06; F03D9/00	PARK SUNG KYU [KR]	THE METHOD OF HYDROPOWER MAKING TIDALPOWER GENERATION
KR20120004284 A 20120112	KR20100061141 20100628	F03D9/00; F03B13/00; F03B13/26; F03D11/00		THE ROPE-CONVEYER STRUCTURE SUPPORTING THE PLATE IN THE WIND OR WATER POWER GENERATOR

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KR20120004567 A 20120113	KR20120045960 20120430	F03D5/00; F03D5/04; F03D11/00		THE SEA WIN DFORCE POWER PLANT
KR20120005275 A 20120116	KR20100082978 20100826	F03D5/00; F03D9/00; F03D11/00; F03D11/02	YOUK SIM KWAN [KR]	THE TORNADO SELF-GENERATING SYSTEM BY AMPLIFYING AND ROTATING OF AN AIR (FLUID) & ANY TRANSPORTATION THAT IS EQUIPED WITH THE TORNADO SELF-GENERATING SYSTEM
KR20120005295 A 20120116	CA20102714929 20100907	F03D11/04	CURTIS ELDEN JAMES [CA]	THE TREE TOP MOUNT
KR20120006531 A 20120118	KR20100065059 20100706	F03D9/00; F03D3/04; F03D11/00	UNIV SUNGKYUNKWAN FOUND [KR]	THE WIND POWER GENERATOR USE DRIVING WIND
KR20120006798 A 20120119	KR20100011462U 20101108	F03D1/06; F03D11/00		the wings of a roter
KR20120006823 A 20120119	GB20110016717 20110928	F03D1/00; B23K9/32; B23K37/00	MMC GROUP LTD [GB]	Thermal control of a water immersed structure, eg for welding
KR20120007783 A 20120125	CN20112349783U 20110919	F03D9/00; F03D11/00	Guo Qigui	Thermal wind tunnel generating device
KR20120008179 A 20120130	WO2010EP52732 20100304; EP20090157835 20090414	F02C6/14; F02C1/10; F02C6/18; F03D9/02; F03G7/04	ABB Research Ltd.	Thermoelectric energy storage system having two thermal baths and method for storing thermoelectric energy
KR20120008235 A 20120130	CN20112077850U 20110314	F03D9/00; B63H21/17; B64D27/24; E03B3/28; F03D5/04	CONGGUI LUO	Three wind power mechanisms, aircrafts, aerological stations, wind power ships and high altitude water taking machines
KR20120008484 A 20120130	WO2009ES00103 20090227	F03D1/00	EOLINCYL S L [ES]	THREE-BLADED WIND TURBINE DEVICE FOR SMALL SPACES

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KR20120008485 A 20120130	CN20081035181 20080326; WO2008CN73521 20081216	H02J7/34; F03D9/00	SHEN WEIQING [CN]	THREE-DIMENSIONAL WIND-LIGHT CONGREGATING POWER GENERATING SYSTEM WITH SPHERICAL JOINTS
KR20120008487 A 20120130	CN20112301900U 20110818	F16F15/08; F03D11/00; F16F1/38	SINOVEL WIND GROUP CO LTD [CN]	Three-direction adjustable generator vibration damping member
KR20120008675 A 20120201	CN20112253631U 20110719	A47G33/00; F03D3/00; F03D9/00	HARBIN ZHUOER TECHNOLOGY CO LTD	Tibetan Buddhism prayer wheel driven by perpendicular shaft wind power
KR20120009024 A 20120201	GB20100019463 20101118	E02B3/26; B63B27/00; B63B39/00; E06C9/02; F03D11/04	STOWELL ROBIN BARNABY MOTTRAM [FR]	Toothed fender for offshore transfers at sea, eg to/from a wind turbine
KR20120009044 A 20120201	JP20100249121 20101019	F03D1/04; F03G3/00	TSUDA TAKASHI	TORNADO ENGINE
KR20120009244 A 20120201	KR20110046413 20110517	F03D11/02; F03D1/00	LEE JONG JO [KR]	TORQUE CONVERTER FOR WIND POWER GENERATING APPARATUS
KR20120009503 A 20120131	DE201010044297 20100903	F03D11/00; F03D11/04	BOSCH GMBH ROBERT [DE]	Torque Support
KR20120009734 A 20120202	ES20120030356U 20101221	E04H12/12; F03D11/04	PREFABRICADOS Y POSTES DE HORMIGON S A [ES]	Torre para generador eólico
KR20120010456 A 20120203	DE200910014926 20090325	E04H12/12; F03D11/04	DROESSLER GMBH UMWELTTECHNIK [DE]	TOWER
KR20120011262 A 20120207	CN20112171214U 20110526	F03D11/00	SHANGHAI TANNENG ELECTRICAL CO LTD; SHANGHAI TANNENG IND CO LTD	Tower anti-vibration cap of wind turbine generator set

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KR20120011375 A 20120208	CN20091236600 20091027; WO2010CN01690 20101025	F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Tower barrel for wind electric power generation
KR20120011742 A 20120208	CN20111430364 20111220	F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Tower body of wind driven generator
KR20120012542 A 20120210	CN20112368010U 20110929	F03D11/00	JNC TECHNOLOGY CO LTD [TW]	Tower column mechanism of wind power generation device
KR20120012739 A 20120210	TW100217721U 20110921	F03D11/00	JNC TECHNOLOGY CO LTD [TW]	Tower column mechanism of wind power generator
KR20120012745 A 20120210	GB20100017555 20101018	F03D11/04	CLAXTON ENGINEERING SERVICES LTD [GB]	Tower Connector
KR20120012776 A 20120210	EP20100007148 20100712	F03D1/00	SIEMENS AG [DE]; STIESDAL HENRIK [DK]	TOWER CONSTRUCTION
KR20120013166 A 20120214	CN20112320865U 20110830	F03D11/00; E06B3/36; E06B3/70; E06B5/00; E06B7/22; E06B7/28; E06B7/30	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Tower door of wind generating set
KR20120013516 A 20120215	CN20112130516U 20110419	F03D9/00; F03D7/00; F03D11/00	LIANFA ZHANG	Tower drum wind-collection power station
KR20120013682 A 20120215	DK20080000164 20080206; WO2009DK50035 20090205	F03D11/04; E04H12/00	IB ANDRESEN IND AS	TOWER ELEMENT WITH MULTIPLE STACKED SEGMENTS

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KR20120013806 A 20120215	WO2010EP02276 20100414; DE200910017593 20090419	F03D11/04	TIMBERTOWER GMBH [DE]	TOWER FOR A WIND POWER INSTALLATION
KR20120014109 A 20120216	WO2010EP02281 20100414; DE200910017586 20090419	E04H12/02; E04H12/04; F03D11/04	TIMBERTOWER GMBH [DE]	TOWER FOR A WIND POWER INSTALLATION
KR20120014135 A 20120216	WO2009EP02928 20090422	F03D11/04	RUUKKI DORTMUND GMBH [DE]	TOWER FOR A WIND POWER PLANT
KR20120014153 A 20120216	CN20111240635 20110819	F03D11/00; F03D7/00	Tianjin University	Tower for multi-rotor wind generating system
KR20120014526 A 20120217	KR20100060624 20100625	F03D11/04; E04H12/00	SAMSUNG HEAVY IND [KR]	TOWER FOR WIND POWER GENERATOR AND WIND POWER GENERATOR USING THEREOF
KR20120014527 A 20120217	DE201010048547 20101014	E04H12/00; F03D11/04	KGW SCHWERINER MASCHINEN UND ANLAGENBAU GMBH [DE]	Tower for wind power plant, has several tower segments with supply scaffold elements comprising scaffold brackets that are connected to respective flanges
KR20120014657 A 20120220	EP20100075521 20100925	F03D11/02; F03D11/04	CARL LEISS GMBH [DE]	Tower for wind power station
KR20120015474 A 20120222	CN20111438891 20111223	F03D11/04	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD	Tower frame door opening of wind generating set and design method of tower frame door opening
KR20120015533 A 20120222	CN20112440937U 20111109	F03D11/04	Baoding Tianwei Wind Power Technology Co., Ltd.	Tower platform mounting structure for wind generator
KR20120015656 A 20120222	CN20111430512 20111220	F03D11/04	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Tower rack of wind power generator
KR20120016061 A 20120222	CN20111448004 20111228	F03D9/00; F03D11/00; F03D11/02	WENZHOU OUTELAI TECHNOLOGY CO LTD	Tower roof device of vertical axial fan and vertical axial wind power generator

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KR20120016625 A 20120224	CN20111413651 20111212	F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Tower structure for blower
KR20120017063 A 20120227	US20100946825 20101115	F03D3/02; F03D7/06; F03D9/02	CHIO CHUY-NAN [TW]	TOWER TYPE VERTICAL AXLE WINDMILL
KR20120017132 A 20120228	CN20112219263U 20110624	F03D9/00; F03D3/00; F03D3/06; F03D11/00	Qi Jiang	Tower type vertical shaft wind driven generator
KR20120017500 A 20120229	CN20112394467U 20111017	F03D3/04; F03D11/00	Luo Caide	Tower type wind generator
KR20120017897 A 20120229	US20100858716 20100818	F03D11/00	GEN ELECTRIC [US]	Tower with adapter section
KR20120018288 A 20120302	US20100826988 20100630	E04H12/12; E04H12/16	GEN ELECTRIC [US]	Tower with tensioning cables
KR20120018331 A 20120302	CN20112158263U 20110518	F03D9/00; F03D11/00; F03D11/04	Fu Yingchun;Li Yi;Feng Chuanjiang	Towered cylinder type wind tunnel generating device
KR20120018868 A 20120306	CN20112263219U 20110725	F03D9/00; F03D11/00	HEILONGJIANG CHUNYI ENVIRONMENTAL PROT TECHNOLOGY DEV CO LTD	Tower-type wind power generation device
KR20120018941 A 20120306	CN20101226890 20100706	F03D1/04; F03D3/04; F03G6/00	UNIV BEIJING CHEMICAL [CN]; YANG WEIMIN [CN]	TOWER-TYPE WIND-LIGHT GENERATING SET AND ELECTRIC GENERATION METHOD
KR20120019146 A 20120306	AT20100001840 20101110	F03D1/00	PENZ ALOIS [AT]	TOWER-TYPE, HOLLOW STRUCTURE, ESPECIALLY SOLAR UPDRAFT CHIMNEY
KR20120019638 A 20120307	CN20112281486U 20110803	F21L4/08; F03D9/00; F21L13/02; F21V17/04	WEI LIN	Traffic caution light with various energy supply devices

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KR20120019650 A 20120307	JP20100253378 20101112	H01F27/02; F03D11/00	HITACHI IND EQUIPMENT SYS [JP]	Transformer for wind power station and/or wind power generating facilities installed with transformer for wind power station
KR20120019686 A 20120307	CN20112160336U 20110519	E06B5/00; E05F15/00; E06B3/50; F03D11/00	Shandong Zhongkai Wind Power Equipment Manufacturing Co., Ltd.;Wei Xunfeng	Translational automatic wind power tower door
KR20120020152 A 20120307	ES20090001324 20090529	F03D11/02; F16H1/46	GAMESA INNOVATION & TECH SL [ES]	TRANSMISION DE ALTA RELACION NUMERICA PARA UN AEROGENERADOR.
KR20120020330 A 20120308	DE201010043816 20101112	F16H57/04; F03D11/04; F16H57/02; F16H57/08	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]	Transmission assembly for wind turbine, has lubricant channel carrier which is approximately coaxial with the sun gear of planetary gear and output stage which is associated with a hollow shaft
KR20120020752 A 20120308	CN20112220126U 20110627	F03D11/00; F03D9/00	GUODIAN UNITED POWER TECH CO	Transmission chain device of wind driven generator
KR20120021238 A 20120308	CN20111174892 20110627	F03D11/00; F03D9/00	GUODIAN UNITED POWER TECH CO	Transmission chain device of wind-driven generator
KR20120021548 A 20120309	WO2010EP02411 20100420; DE200910017824 20090420	F03D11/00	SUZLON ENERGY GMBH [DE]	TRANSMISSION DEVICE FOR A WIND TURBINE
KR20120021629 A 20120309	EP20100005310 20100521	F03D11/02; F16J15/46	WINERGY AG [DE]	Transmission device for wind power generation equipment
KR20120021992 A 20120309	JP20090284254 20091215; WO2010JP69141 20101028	F03D11/02; F03D1/06; F16H3/54	MITSUBISHI HEAVY IND LTD [JP]	Transmission for wind power generation equipment, and wind power generation device

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KR20120022226 A 20120312	US20070942675P 20070608; GB20070011043 20070608; WO2008GB01953 20080606	F16H47/04; F03D11/02	ORBITAL2 LTD [GB]	Transmission med variabelt udvekslingsforhold
KR20120022298 A 20120312	GB20030026933 20031119; WO2004IB03949 20041119	F16H1/28; F03D11/02	HANSEN TRANSMISSIONS INT [BE]	Transmissionsenhed med planetgear
KR20120022309 A 20120312	GB20070019119 20071001; WO2008GB03358 20081001	F16H57/08; F03D11/02	ORBITAL2 LTD [GB]	Transmissionssystem til energigenerering
KR20120022312 A 20120312	CN20111283918 20110923	A01C11/02; F03D9/00; H02J7/00	WIXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	Transplanter with power plant utilizing complementation of wind power generation and lithium ion battery
KR20120022697 A 20120312	WO2010EP54657 20100408; DE200910017068 20090409; DE200910034329 20090723	B60P3/40; B61D3/16; F03D1/00	WOBBEN ALOYS [DE]	TRANSPORT DEVICE
KR20120023058 A 20120312	DE201010042783 20101021	B60P3/022; B60P3/40; F03D11/00; F03D11/04	WOBBEN ALOYS [DE]	Transport vehicle for transporting rotor blades and tower segments of wind power plants, has transport rack equipped with main frame, where receiving frame is rigidly connected to main frame at specific angle
KR20120023686 A 20120313	DE201010003694 20100407; DE201010042783 20101021	B60P3/40; F03D11/00	WOBBEN ALOYS [DE]	Transport vehicle for wind power installation rotor blades and/or pylon segments and transport support structure for a transport vehicle

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KR20120024057 A 20120314	EP20100172602 20100812	F03D1/00; B65D88/12	LM GLASFIBER AS [DK]	Transportation and storage system for wind turbine blades
KR20120024269 A 20120314	DK20100001126 20101215; US20100423287P 20101215	F03D1/00; F03D11/00; F03D11/02	VESTAS WIND SYS AS [DK]; BITSCH MICHAEL LUNDGAARD [DK]; MOGENSEN MORTEN [DK]; MAZYAR ABOLFAZLIAN [DK]	TRANSPORTATION OF DRIVE TRAIN COMPONENTS IN A WIND TURBINE NACELLE
KR20120024633 A 20120314	DE201010042092 20101007	H02K5/173; F03D11/04; H02K21/02	SKF AB [SE]	Transversalflussgenerator zur flexiblen Verwendung
KR20120024820 A 20120314	US20100370808P 20100805	F03D9/00; F01D1/18; F01D5/12; F03D3/06; F03D11/00; G09F9/30; G09F23/00	LAM RONALD CHUN YU [HK]	TRANSVERSE AXIS TURBINE WITH CONTROLLABLE DISPLAY
KR20120025013 A 20120314	US201113228022 20110908; US201113092870 20110422; US2011161477345P 20110420; US20100327468P 20100423	H01L31/045; F03D9/00; H01L31/052	FRENCH DEV ENTPR [US]	TRUCK MOUNTED SOLAR PANEL SYSTEM
KR20120025075 A 20120315	US201113018873 20110201	E04H12/00; F03D9/00	MITSUBISHI HEAVY IND LTD [JP]	TUBULAR STRUCTURE AND WIND TURBINE GENERATOR
KR20120025309 A 20120315	DE201220000769U 20120126	F03D1/04	PLECHL ANTON [DE]	Tubus-Windrad
KR20120025310 A 20120315	CN20102696827U 20101223	F03D9/00; F03B13/14	Wang Shuangde	Tumbler type wind power and wave power generator

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KR20120025746 A 20120316	CN20112320810U 20110830	F03D9/00; E21F17/06; F21S9/04	ZHEJIANG SANMEN WANG ZHONG WANG WELDING EQUIPMENT CO LTD	Tunnel electric equipment capable of providing electric energy by utilizing wind power
KR20120026141 A 20120316	PT20080104065 20080520; WO2009PT00017 20090331	F03D3/06; F03B17/06; F03D3/04	RIBEIRO DE MATOS ANTONIO VENTURA [PT]	TURBINA DE PALAS (ALETAS) ARTICULADAS Y RETRACTILES PARA EL APROVECHAMIENTO ENERGETICO DE FLUIDOS EN MOVIMIENTO.
KR20120026337 A 20120319	WO2006IT00870 20061222	F03D9/00; F03D1/02	HIGH TECHNOLOGY INVEST BV [NL]	TURBINA EÓLICA COM MÚLTIPLOS GERADORES
KR20120026557 A 20120319	BR2010PI01891 20100601	F03D1/06	ENTEL ENGENHARIA E TECNOLOGIA LTDA [BR]	TURBINA EÓLICA DE EIXO VERTICAL
KR20120027335 A 20120321	AR2011P101294 20110414	F03D3/00; F03D3/04	SGS EN ALTERNATIVAS S A [AR]; JUAREZ IGNACIO [AR]	TURBINA EOLICA MODULAR Y AUTO PORTANTE PARA GENERADORES DE ENERGIA ELECTRICA
KR20120027413 A 20120321	GB20090020929 20091130; WO2010GB51313 20100809	F03D3/04	CROSS FLOW ENERGY COMPANY LTD	Turbine
KR20120028089 A 20120322	CH20100001892 20101111	F03B17/06; F03D3/00	ISIK HASAN HUESEYIN [CH]	Turbine
KR20120028130 A 20120322	ZA20100007670 20101027	F03D3/06	JOOSTE JAN HENDRIK [ZA]	TURBINE
KR20120028500 A 20120323	US201113294219 20111111; US20080337696 20081218	B63H1/14; B63H1/26; B63H7/02; B64C11/00; B64C27/46; F01D5/08; F01D5/18; F01D5/20; F03B3/12; F03D11/02; F04D29/58	FLORIDA TURBINE TECH INC [US]	Turbine airfoil formed as a single piece but with multiple materials

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KR20120028884 A 20120323	GB20090004816 20090320; WO2010GB00507 20100318	F03D9/00; E04H14/00; F03D7/06; F03D11/00	BANNISTER ERIC [GB]	TURBINE ASSEMBLY
KR20120029202 A 20120326	US20100421703P 20101210; US201161540257P 20110928	F03D9/00; F03B3/04; F03B17/06; F03D1/02	CAMPAGNA MARC [CA]	TURBINE ASSEMBLY, AND KIT WITH COMPONENTS FOR ASSEMBLING THE SAME
KR20120029537 A 20120327	US20090418459 20090403	B63H1/14; B63H7/00; B64C11/00; F01D5/08; F01D5/14; F01D5/18; F01D5/28; F03D11/02; F04D29/58	FLORIDA TURBINE TECH INC [US]	Turbine blade with showerhead film cooling holes
KR20120029539 A 20120327	US201113185459 20110718; US201161442761P 20110214; US201161453941P 20110317	F01D5/18	LEES PAUL [US]; ENGLAR ROBERT J [US]; BLAYLOCK GRAHAM M [US]	TURBINE BLADES, SYSTEMS AND METHODS
KR20120029676 A 20120327	CN20112197900U 20110613	F03D9/00; F03D3/00; H02J7/00	Kong Hui	Turbine generating system utilizing train traveling wind
KR20120029901 A 20120327	RO20070000628 20070907	F03D3/04	PROFIR CONSTANTIN [RO]	TURBINE HAVING FREE BLADES UPON MOVING IN A FLUID CURRENT

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KR20120029902 A 20120327	US200913119186 20090902; GB20080017027 20080917; US20080097696P 20080917; WO2009NO00306 20090902	H02P9/06; F03D11/02	CHAPDRIVE AS [NO]	TURBINE SPEED STABILISATION CONTROL SYSTEM
KR20120030122 A 20120327	WO2010US23554 20100209; US20090369949 20090212	F03D1/04; F03D11/00; F03D11/04	Quality Research Development & Consulting, Inc.	Turbine-intake tower for wind energy conversion systems
KR20120031337 A 20120403	US201113113650 20110523; US201113086106 20110413; US20100323956P 20100414	F03D1/06; F01D5/14	ARCJET HOLDINGS LLC [US]	TURBINES
KR20120031621 A 20120404	FR20100058900 20101028	F01D1/20; F03B17/06; F03D1/06	ROY DOMINIQUE [FR]	Turbomachine for converting kinematic energy of fluid into electric energy, has surface elements inscribed in cone section or in pyramid section defined from support structure, where elements are fixed on structure
KR20120031632 A 20120404	CN20101516715 20101014	F03D3/00; F03D3/06	Yang Longqing	Turbo-type wind generation set spherical impeller
KR20120031984 A 20120404	CN20111459739 20111231	F03D7/06	Shenzhen Fengfa Science & Technology Development Co., Ltd.	Turbulent flow device of Vertical axis wind turbine, bracket and vertical axis wind turbine

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KR20120032276 A 20120405	DE20001033845 20000712; WO2001EP08074 20010712	E04H12/00; E04C5/08; E04C5/10; E04C5/12; E04G21/12; E04H12/16; F03D1/00; F03D11/04	WOBLEN ALOYS [DE]	TURM AUS SPANNBETON-FERTIGTEILEN
KR20120032589 A 20120406	DE200510029463 20050624	F03D11/00	REPOWER SYSTEMS SE [DE]	TURMENTFEUCHTUNG EINER WINDENERGIEANLAGE
KR20120032687 A 20120406	WO2011JP73336 20111011	F03D9/00; H02K7/10	MITSUBISHI HEAVY IND LTD [JP]	TURNING DEVICE FOR WIND TURBINE ROTOR AND WIND TURBINE GENERATOR INCLUDING THE SAME
KR20120033627 A 20120409	WO2010EP06275 20101014	F03D11/00; B21B39/20; B27B31/04; B60P3/41	WFT GMBH & CO KG [DE]; WITTICH FRANZ [DE]	TURNING DEVICE, ESPECIALLY FOR A ROTOR BLADE FOR A WIND POWER STATION
KR20120033631 A 20120409	CN20112215135U 20110623	F03D1/02; F03D9/02; F03D11/02	JIANXIN YANG	Turntable rotating impeller type wind generating set
KR20120033940 A 20120409	CN20112248261U 20110714	F03D9/00; F03D3/06	XIONGFEI PAN	Twin engine wind driven generator
KR20120033941 A 20120409	RU20100127015 20100701	F03D9/00; H02K21/24	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSIONAL NYJ I SKIJ TOM PU [RU]	TWIN-ROTOR SOLENOID WIND POWERED GENERATOR WITH A TOOTH STATOR
KR20120034224 A 20120410	JP20100255387 20101115	F03D1/02; F03D1/06; F03D9/00; H02K21/12	NAKAMURA SADA0	TWO-SHAFT COUNTER ROTATING GENERATOR AND METHOD OF CONTROLLING THE SAME
KR20120034723 A 20120412	TW100220656U 20111102	F03D11/02	CHEN YI-MIAO [TW]	Type of wind turbine blade

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KR20120034865 A 20120413	CN20111322204 20111021	F03D9/00; F03D5/00; F03D7/00	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD	Umbrella type wind energy conversion device and system
KR20120034947 A 20120413	CN20112189778U 20110608	F03D5/00; F03D7/00; F03D9/00	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD	Umbrella-shaped wind power device and wind power system
KR20120035281 A 20120416	WO2006DK00326 20060609	F03D1/06; B64C23/06; F03D11/00	VESTAS WIND SYS AS [DK]; VESTAS WIND SYS AS [DK]	Una pala de turbina eólica y una turbina eólica controlada por paso
KR20120035408 A 20120416	US20080011189P 20080114; WO2009IB00052 20090114	F03D1/06; F03D11/00	CLIPPER WINDPOWER INC [US]; CLIPPER WINDPOWER LLC [US]	UNA PALA MODULAR DE ROTOR PARA UNA TURBINA GENERADORA DE ENERGIA Y UN
KR20120035675 A 20120416	US201113305108 20111128	H02G3/32; F03D9/00	BARTON WERNER [DE]; SCHULZ JOHANNES [DE]	UNIT FOR CABLE MANAGEMENT AND WIND TURBINE
KR20120035738 A 20120416	US201113164482 20110620	F03D9/00; B22C9/00; B22C9/02; B22D25/02; F03D11/00	LUNEAU MICHAEL JAMES [US]; DAVIS JOHN PAUL [US]; BLACKWELL SCOTT WILLIAM [US]; RAO RAJA NARASINGA [IN]	UNITARY SUPPORT FRAME FOR USE IN WIND TURBINES AND METHODS FOR FABRICATING SAME
KR20120035811 A 20120416	CN20112321153U 20110830	F03B3/12; F03D11/00	Zhou Jinyou	Universal multiple-purpose wind-water energy power machine
KR20120036480 A 20120418	US201013322718 20100528; US20090181903P 20090528; WO2010US36570 20100528	F03D5/00	GORLOV ALEXANDER M [US]	UNIVERSAL SPHERICAL TURBINE WITH SKEWED AXIS OF ROTATION
KR20120037921 A 20120420	CN20112188586U 20110607	F03D9/00; F03D3/04; F03D3/06	Xu Yuyi	Universal wind-driven generator

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KR20120037990 A 20120420	CN20102286900U 20100803; CN20112112273U 20110402	F03D1/02	HEPING KONG	Universal wind-guiding horizontal wind mill
KR20120038062 A 20120423	CA20102719518 20101025	F03D3/04; F03B3/12; F03B13/22; F03B17/06; F03D3/06	GAMET DANIEL [CA]	USE OF A VERTICAL AXIS WIND TURBINE THAT CAN BE SUSPENDED OR SUBMERGED
KR20120038262 A 20120423	US201113246804 20110927; US20100386950P 20100927	F03D11/00; F03D1/00	TAYLOR BRENDAN F [US]; DRAKE-BUHR WYATT [US]; IRVING J CARL [US]; WILLIAMS DALE E [US]; MACKLIN ROBERT H [US]; KIRCHHOFF GUY S [US]	USE OF AUTOMATION IN WIND DATA ACQUISITION SYSTEMS TO IMPROVE WIND RESOURCE ASSESSMENT ACCURACY
KR20120038420 A 20120423	DE200910058101 20091212; WO2010EP68992 20101206	B32B27/40	BAYER MATERIALSCIENCE LLC [US]	Use of layer superstructures in wind power plants
KR20120038463 A 20120423	CN20112335539U 20110907	F03D1/06	Xinjiang Xinfenglin Energy Service Co., Ltd.	Vane for wind generating set
KR20120038566 A 20120424	US201113332866 20111221; US20100684161 20100108	G10K11/16	GEN ELECTRIC [US]	VANE TYPE SILENCERS IN ELBOW FOR GAS TURBINE
KR20120038589 A 20120424	EP20040011472 20040514	G01F1/10; F03D1/04; F03D11/00; G01F15/00; G01P5/06	FLYTEC AG [CH]	Vaned rotor

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KR20120038705 A 20120424	US201013257884 20100319; US20090210673P 20090320; WO2010US28015 20100319	F03D3/06; F03D9/00	BELDEN RALPH A [US]	VARIABLE AREA VERTICAL AXIS WIND TURBINE
KR20120038706 A 20120424	CN20112332171U 20110906	F03D7/04	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Variable blade pitch system of wind generating set and wind generating set comprising same
KR20120038707 A 20120424	US201213416581 20120309; DK20040000409 20040312; US20070592693 20070926; WO2004DK00916 20041223	F04B49/00; F03D11/00; F04B49/20; F04B49/22	VESTAS WIND SYS AS [DK]	VARIABLE CAPACITY OIL PUMP
KR20120038708 A 20120424	WO2010US30029 20100406; US20090422396 20090413	F03D1/06	FRONTIER WIND LLC [US]	VARIABLE LENGTH WIND TURBINE BLADE HAVING TRANSITION AREA ELEMENTS
KR20120039127 A 20120425	US20100348159P 20100525	F03D1/04	AERODYNENERGY INC [US]	Variable partial wind wall
KR20120039139 A 20120425	CN20112358677U 20110922	F03D7/00; F03D9/00; H02K7/10; H02K7/14	SANY ELECTRIC CO LTD [CN]	Variable pitch device and wind driven generator
KR20120039158 A 20120425	CN20111451234 20111229	F03D7/00	CFHI DALIAN DESIGN AND RES INST CO LTD; CHINA FIRST HEAVY INDUSTRIES	Variable pitch system for offshore high-power wind driven generator group and control method for variable pitch system

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KR20120039330 A 20120425	CN20111261821 20110906	F03D7/00; F03D11/00	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD	Variable propeller system of wind-driven generator set.
KR20120039347 A 20120425	CN20112203729U 20110616	F03D11/00; F03D7/00	NANJING WIND POWER TECHNOLOGY CO LTD	Variable propeller tooth locking mechanism of wind power generator
KR20120039601 A 20120425	AT20100001112 20100701	H02K7/18; F03D9/00; F03D11/02; H02K3/28; H02K21/14; H02P6/00; H02P9/00	HEHENBERGER GERALD [AT]	VARIABLE ROTATION SPEED GENERATOR FOR A WIND POWER INSTALLATION AND METHOD FOR OPERATION OF THIS GENERATOR
KR20120040007 A 20120426	CN20111213446 20110728	H02P9/04; F03D7/04; F03D11/02	UNIV ZHEJIANG	Variable speed constant frequency method for wind power generation and device thereof
KR20120040747 A 20120427	US20100970406 20101216	F03D7/02; F03D9/00	GEN ELECTRIC [US]	Variable speed machine assembly and method for making the same
KR20120041441 A 20120502	KR20100064619 20100706	F03D1/00; F03D1/06; F03D11/00	SEOLTEC CO LTD [KR]	VARIABLE SYSTEM OF WIND POWER TURBINE
KR20120041622 A 20120502	KR20100068977 20100716	F03D7/02; F03D1/02; F03D11/02	NEXTDATA SYSTEM CO LTD [KR]	VARIABLE WIND POWER GENERATION SYSTEM
KR20120041722 A 20120502	KR20100074721 20100802	F03D5/00; F03D3/00; F03D5/06	LEE IN-NAM [KR]	VARIABLE WINDMILL WING WIND POWER GENERATOR HAVING POWER GENERATION EFFICIENCY INCREASING MEANS
KR20120041814 A 20120503	CN20112197020U 20110613	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Variable-paddle control system provided with PLC (programmable logic controller) detection device
KR20120042305 A 20120503	CN20112071946U 20110318	F03D7/00; F16C33/20; F16C43/00	SINOVEL WIND GROUP CO LTD [CN]	Variable-pitch bearing for megawatt electric variable-pitch wind driven generator set
KR20120042327 A 20120503	CN20121007273 20120111	F03D7/00	Chongqing Huayu Electric Instrument General Factory	Variable-pitch control system for wind generating set

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KR20120042371 A 20120503	CN20112237946U 20110707	F03D7/00	SHENHUA GROUP CORP LTD; GUOHUA ENERGY INVEST CO LTD; GUOHUA HEBEI NEW ENERGY CO LTD	Variable-pitch controller for wind driven generator
KR20120043134 A 20120503	CN20112384849U 20111011	F03D7/00	SINOVEL WIND GROUP CO LTD [CN]	Variable-pitch driving system of wind-driven generator
KR20120043136 A 20120503	DE201010039394 20100817	B63H3/06; F03D7/04	SIEMENS AG [DE]; KRACKHARDT ERNST- CHRISTOPH [DE]; MUELLER CHRISTIAN NORBERT [DE]; SCHROEDER DIERK [DE]	VARIABLE-PITCH PROPELLER OR REPELLER
KR20120043495 A 20120504	JP20100008177 20100118; WO2011JP50478 20110113	H02P9/00; F03D9/00; H02P9/04	mitsubishi heavy ind ltd [JP]	Variable-speed power generation device and control method therefor
KR20120043831 A 20120507	US201113224017 20110901; US20100379955P 20100903	H02P9/04; F03D9/02	CVG MAN CORP [US]	VEHICLE WIND TURBINE
KR20120044634 A 20120508	TW100215208U 20110816	F03D9/02	ZHAN YI-PENG [TW]	Vehicle with wind power electric generation system
KR20120044713 A 20120508	TW20100141344 20101130	F03D3/00; B60R16/02	LIU BAI-QING [TW]	Vehicle-mounted deflector electric power generator
KR20120045425 A 20120509	CN20112312666U 20110825	B62D35/00; F03D9/00	Xian Meng	Vehicular air deflector
KR20120045972 A 20120509	WO2010CN75025 20100707	B60L8/00; F03D3/04	SUN SHOUQUAN [CN]	VEHICULAR DUCTED WIND GENERATOR
KR20120046867 A 20120511	NL20101038401 20101123	F03D5/02	INTERNAT RADIOTHERAPY SERVICES [NL]	VENETIAN WINDMILL.

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KR20120047354 A 20120514	CN20112251692U 20110707	F03D11/00	SSB DRIVING SYSTEMS QINGDAO CO LTD	Ventilation system for shaft box
KR20120047650 A 20120514	DE200710014861 20070326; WO2008EP01793 20080306	F03D11/00	REPOWER SYSTEMS AG [DE]	VERBINDUNG VON BAUTEILEN EINER WINDENERGIEANLAGE SOWIE VERFAHREN
KR20120048084 A 20120515	US20100963159 20101208	F03D1/06	GEN ELECTRIC [US]	Verbindungsmuffe für eine Rotorblattanordnung einer Windkraftanlage
KR20120048089 A 20120515	IT2008MI01340 20080723	F03D11/00	WILIC S A R L [LU]	VERDREHSICHERUNG FÜR DEN ROTOR EINER WINDKRAFTANLAGE
KR20120048440 A 20120515	US20100868312 20100825	G01M7/02; F03D7/00; G01H17/00; G01M13/02; G01M15/00	GEN ELECTRIC [US]	Verfahren und System zum Überwachen einer Windturbine
KR20120048659 A 20120515	DE200510029000 20050621; WO2006EP05794 20060616	F03D7/04; F03D9/00	REPOWER SYSTEMS AG [DE]	VERFAHREN UND SYSTEM ZUR REGELUNG DER DREHZAHLEINES ROTORS EINER WINDENERGIEANLAGE
KR20120049465 A 20120517	AT20100000222 20100216; AT20110008010U 20110216	F03D7/02; F03D7/04	BACHMANN GMBH [AT]	VERFAHREN UND VORRICHTUNG ZUM BETRIEB EINER WINDKRAFTANLAGE MIT WIEDERANLAUF NACH NOTSTOPP
KR20120049627 A 20120517	DE201010062546 20101207	F03D1/06	REPOWER SYSTEMS SE [DE]	Verfahren und Vorrichtung zum Herstellen eines Holmkastens für ein Rotorblatt, Holmkasten
KR20120050656 A 20120521	EP20070075020 20070110; WO2007EP55945 20070615; WO2008EP50186 20080109	G01M15/14; F03D7/04	SHELL INT RESEARCH [NL]	VERFAHREN UND VORRICHTUNG ZUM MESSEN, PRÜFEN UND/ODER ÜBERWACHEN EINER TURBINENLEISTUNG

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KR20120050847 A 20120521	DE201010062418 20101203	F03D11/04; F03D11/00	AVAILON GMBH [DE]	Verfahren und Vorrichtung zum Verdrehen eines Roboterblattlagers an Windenergieanlagen ohne Einsatz eines Autokranes
KR20120050848 A 20120521	DE201010032120 20100724	F03D7/02; F03D11/00	BOSCH GMBH ROBERT [DE]	Verfahren und Vorrichtung zur Bestimmung eines Biegewinkels eines Rotorblattes einer Windkraftanlage
KR20120051318 A 20120522	DE200710039697 20070822; WO2008EP60495 20080809	H02P9/00; F03D7/04; H02P21/00	WOODWARD KEMPEN GMBH [DE]	VERFAHREN UND VORRICHTUNG ZUR KOMPENSATION VON SCHWINGUNGSEFFEKTEN BEI NETZUNSYMMETRIE BEI EINER DOPPELTGESPEISTEN ASYNCHRONMASCHINE
KR20120051425 A 20120522	DE201010054632 20101215	F03D7/02	BOSCH GMBH ROBERT [DE]	Verfahren und Vorrichtung zur Steuerung eines Triebstrangs einer Windkraftanlage
KR20120051432 A 20120522	EP20070076134 20071228	F03D11/02; F16D1/033; F16D7/00	GAMESA INNOVATION & TECH SL [ES]; HANSEN TRANSMISSIONS INT [BE]	VERFAHREN ZUM ANSCHLIESSEN EINER LANGSAMEN WINDTURBINENHAUPTWELLE AN EINE EINGANGSWELLE EINES WINDTURBINENGETRIEBES UND DURCH DIESES VERFAHREN ERHALTENE KOPPLUNGSVORRICHTUNG
KR20120051508 A 20120522	DE201010041940 20101004	F03D11/04	WOBBEN ALOYS [DE]	Verfahren zum Austauschen eines Transformators einer Windenergieanlage
KR20120051631 A 20120522	DE201010040915 20100916	F03D11/00; F03D5/00; G01M1/14; G01M1/30	WOBBEN ALOYS [DE]	Verfahren zum Auswuchten eines Rotationskörpers
KR20120051890 A 20120523	DE200710063082 20071221; WO2008EP10225 20081203	F03D7/04; F03D7/02	REPOWER SYSTEMS AG [DE]	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
KR20120051959 A 20120523	DE200710014863 20070326	F03D7/02; F03D7/04	REPOWER SYSTEMS AG [DE]	Verfahren zum Betreiben einer Windenergieanlage

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KR20120051973 A 20120523	DE200710017870 20070413	H02P9/00; F03D7/02; F03D9/00; H02J3/18; H02J3/38; H02J9/06; H02P9/10	REPOWER SYSTEMS AG [DE]	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE BEI ?BERSPANNUNGEN IM NETZ
KR20120052018 A 20120523	EP20030021439 20030923; WO2004EP10616 20040922	H02J3/38; F03D9/00	WOBLEN ALOYS [DE]	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE W?HREND EINER ST?RUNG IM NETZ
KR20120052450 A 20120524	DE20031020087 20030505; DE20031028889 20030626; WO2004EP04118 20040419	F03D7/02; F03D7/00; F03D9/00	WOBLEN ALOYS [DE]	VERFAHREN ZUM BETREIBEN EINES WINDPARKS UND WINDPARK
KR20120052522 A 20120524	DE20031041057 20030903; DE20031041504 20030905; WO2004EP09808 20040903	F03D9/00; F03D7/04; H02J3/40	REPOWER SYSTEMS SE [DE]	Verfahren zum Betrieb einer Windenergieanlage, Windenergieanlage und Verfahren zur Bereitstellung von Regelleistung mit Windenergieanlagen
KR20120052677 A 20120524	DK20080000990 20080714; US20080080484P 20080714; WO2009DK00166 20090709	F03D1/00; B63B35/00; B66C23/52	VESTAS WIND SYS AS [DK]	VERFAHREN ZUM ERRICHTEN EINER WINDTURBINE AN EINEM OFFSHORE-STANDORT UND SCHIFF ZUM ERRICHTEN EINER WINDTURBINE AN EINEM OFFSHORE-STANDORT
KR20120052678 A 20120524	DE200810047341 20080915	B66C23/18; F03D1/00	DAUBNER & STOMMEL GBR BAU WERK PLANUNG [DE]	VERFAHREN ZUM HOCHHEBEN VON KOMPONENTEN VON WINDENERGIEANLAGEN

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KR20120052840 A 20120524	DE200710059502 20071207; WO2008DE01975 20081124	G01N25/72; F03D11/00	FRAUNHOFER GES FORSCHUNG [DE]	Verfahren zum Prüfen eines Rotorblatts einer Windkraftanlage und Prüfvorrichtung
KR20120053422 A 20120525	DE200810021498 20080429; WO2009DE00488 20090408	F03D1/06	REPOWER SYSTEMS AG [DE]	VERFAHREN ZUR FERTIGUNG EINES BLATTANSCHLUSSES EINES ROTORBLATTS, EIN BLATTANSCHLUSS UND EIN BEFESTIGUNGSELEMENT FÜR EINEN BLATTANSCHLUSS
KR20120053733 A 20120529	DE201110018840 20110427	F03D9/00; F03D9/02	BYCHKOV GMBH [DE]	Verfahren zur Gewinnung von Windenergie und Umwandlung derselben in andere Energieformen und Windkraftanlage zur Durchführung dieses Verfahrens
KR20120054156 A 20120530	DK20070001863 20071221; US20070015979P 20071221; WO2008DK50327 20081219	F03D1/00; B66C23/20; E04H12/34	VESTAS WIND SYS AS [DK]	VERFAHREN ZUR HANDHABUNG UND/ODER WARTUNG VON KOMPONENTEN EINER WINDTURBINE UND GREIFVORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS
KR20120054377 A 20120530	DE201010055874 20101224	F03D1/06	AERODYN ENG GMBH [DE]	Verfahren zur Herstellung eines Rotorblatts einer Windenergieanlage
KR20120055904 A 20120601	WO2010CN73917 20100613	F03D1/06; B29C70/44; B29C70/48	LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CO [CN]	Verfahren zur Herstellung eines Turbinenflügelgusses einer Megawatt-Windturbine
KR20120056531 A 20120604	DE200510059888 20051215	F03D7/04	NORDEX ENERGY GMBH [DE]	VERFAHREN ZUR MOMENTEN- UND PITCHSTEUERUNG FÜR EINE WINDENERGIEANLAGE ABHÄNGIG VON DER DREHZAHL
KR20120056560 A 20120604	DE200810036230 20080802	F03D11/02; F16D1/076	NORDEX ENERGY GMBH [DE]	VERFAHREN ZUR MONTAGE EINER ROTORNABE AN EINER ROTORWELLE EINER WINDENERGIEANLAGE UND WINDENERGIEANLAGE

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KR20120057549 A 20120605	DE200410056255 20041122; WO2005EP12488 20051122	F03D7/04; F03D7/02; G05B13/02	REPOWER SYSTEMS SE [DE]	VERFAHREN ZUR OPTIMIERUNG VON BETRIEBSPARAMETERN EINER WINDENERGIEANLAGE SOWIE EINE WINDENERGIEANLAGE
KR20120057711 A 20120607	EP20080156209 20080514	F03D11/02; F03D7/02	ALSTOM WIND S L U [ES]	VERFAHREN ZUR REDUKTION VON TORSIONSSCHWINGUNGEN IM ANTRIEBSSTRANG EINER WINDTURBINE
KR20120057788 A 20120607	DE200710045437 20070922	F03D7/02	NORDEX ENERGY GMBH [DE]	VERFAHREN ZUR STEUERUNG EINER WINDENERGIEANLAGE
KR20120057838 A 20120607	EP20090012655 20091006	F03D7/04	SIEMENS AG [DE]	VERFAHREN ZUR STEUERUNG EINER WINDTURBINE BEI THERMISCHEN ?BERLASTUNGEN
KR20120057851 A 20120607	ES20040001821 20040723; WO2005ES00409 20050722	F03D11/04; B66B5/00; B66C23/18; F03D1/00	GAMESA INNOVATION & TECH SL [ES]	VERLEGBARES UNABH?NGIGES KRANSYSTEM ZUR ZEITLICH BEGRENZTEN NUTZUNG ZUM BEWEGEN ODER ERSETZEN VON KOMPONENTEN UND ZUR MONTAGE VON WINDGENERATOREN
KR20120059146 A 20120608	DK20080000867 20080624; WO2009DK00149 20090623	F03D1/06; F03D3/06	UNIV DANMARKS TEKNISKE [DK]	VERST?RKTE WINDTURBINENSCHAUFEL
KR20120059330 A 20120608	DE201010052272 20101123	H02J11/00; F03D1/06; F03D11/00; H02J7/00; H02J9/00	WOBLEN ALOYS [DE]	Verstellvorrichtung zum Verstellen eines Rotorblattanstellwinkels einer Windenergieanlage
KR20120059874 A 20120611	EP20100171300 20100729	F03D3/00; F03D9/00; F03D11/04	LEE JIA-YUAN [TW]	Vertical axial wind power generation device
KR20120060148 A 20120611	US20100840562 20100721	F03D9/00; F03D3/00; H02P9/04	LEE JIA-YUAN [TW]	VERTICAL AXIAL WIND POWER GENERATION DEVICE

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KR20120060801 A 20120612	JP20100134261 20100611; JP20110129277 20110609	F03D11/00; F03D3/06; F16C19/06; F16C19/18; F16C33/58; H02K7/08; H02K7/18	THK CO LTD [JP]	VERTICAL AXIS FLUID POWER GENERATOR
KR20120061264 A 20120613	CN20112396940U 20111018	F03D9/00; F03D3/00; F03D11/00	Chen Zhou	Vertical axis high-power wind power generation device
KR20120061267 A 20120613	CN20111340805 20111102	F03D3/06	Shanghai Ruikun New Energy Technology Co., Ltd.	Vertical axis superposed multilayer V-shaped wing fan of breeze power generation and heating device
KR20120061416 A 20120613	US201113302060 20111122; US20090435188 20090504	F03D3/02; B23P17/00	SEAB ENERGY LTD [GB]	VERTICAL AXIS TURBINE
KR20120061658 A 20120613	WO2010SG00314 20100826	F03D3/04	VAZ GUY ANDREW [SG]	VERTICAL AXIS TURBINE
KR20120061689 A 20120613	KR20100095463 20100930	F03D3/02; F03D7/06; F03D11/00	JUNG KI HAN [KR]; EHIM JONG BIN [KR]; LEE SEUNG HO [KR]	VERTICAL AXIS TURBINE AND BI-DIRECTIONAL STACK TYPE VERTICAL AXIS TURBINE HAVING THE SAME
KR20120061742 A 20120613	PT20100105445 20101222	F03D3/06; F03D3/02	UNIV DA BEIRA INTERIOR [PT]	VERTICAL AXIS TURBINE BLADE WITH ADJUSTABLE FORM
KR20120062051 A 20120614	WO2010US20145 20100105	F03D3/00	AARON MICHAEL	Vertical axis variable geometry wind energy collection system

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KR20120062578 A 20120614	CN20111280419 20110920	F03D3/06	MCC Capital Engineering & Research Incorporation Limited;Beijing Jingcheng Zeyu Energy Environmental Protection Engineering Technology Co., Ltd.	Vertical axis wind driven generator
KR20120063019 A 20120615	CN20111289370 20110927	F03D7/06	Zhao Yongsheng	Vertical axis wind driven generator limiter
KR20120063634 A 20120618	CN20112359887U 20110923	F03D9/00; F03D1/02; F03D3/02; F03D11/00; F16C32/04; H01T19/04	Jiahao New Energy Investment Co., Ltd.	Vertical axis wind energy power generation system applying magnetic levitation technology
KR20120063888 A 20120618	GB20100013657 20100813	F03D3/02; F03D3/06; F03D11/04	STORE ROLAND [GB]	Vertical axis wind engine (turbine) module
KR20120065514 A 20120621	CN20111317293 20100114	F03D7/06	Shanghai Bernoulli Environmental Protection Technology Co., Ltd.	Vertical axis wind power generation system and fan blade angle automatic regulation device thereof
KR20120065515 A 20120621	KR20100095457 20100930	F03D3/06; F03D11/00	JUNG KI HAN [KR]; EHIM JONG BIN [KR]; LEE SEUNG HO [KR]	VERTICAL AXIS WIND POWER GENERATOR
KR20120065820 A 20120621	RO20110000630 20110701	F03D3/00	INST NATIONAL DE CERCETARE DEZVOLTARE AEROSPATIALA ELIE CARAFOLI INCAS [RO]	VERTICAL AXIS WIND POWER PLANT FOR WATER EXTRACTION
KR20120066355 A 20120622	KR20120028888 20120321	F03D3/00; F03D3/06; F03D7/06	EEGEN CO LTD [KR]	VERTICAL AXIS WIND TURBINE
KR20120066382 A 20120622	EP20100462006 20101027	F03D3/02; F03D3/04	KOMJATHY MIKLOS [HU]	Vertical axis wind turbine

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KR20120066697 A 20120625	CN20111340968 20111102	F03D9/00; F03D3/06; F03D11/02	UNIV ZHEJIANG	Vertical axis wind turbine
KR20120066908 A 20120625	IT2010BO00545 20100907	F03D7/06	LINZ ELECTRIC S R L [IT]; PEDROLLO GIULIO [IT]	VERTICAL AXIS WIND TURBINE
KR20120066911 A 20120625	IT2010BO00546 20100907	F03D3/06	LINZ ELECTRIC S R L [IT]; PEDROLLO GIULIO [IT]	VERTICAL AXIS WIND TURBINE
KR20120068136 A 20120627	WO2010EP52993 20100309; GB20090004029 20090309	F03D3/06	WINDJOULE LTD [GB]	VERTICAL AXIS WIND TURBINE
KR20120068316 A 20120627	EP19990040296 20090309; WO2010EP52993 20100309	F03D7/06	WINDJOULE LTD [GB]	VERTICAL AXIS WIND TURBINE
KR20120068329 A 20120627	CN20112202532U 20110616	F03D3/02; F03D3/06; F03D7/06; F03D11/00	FUSHENG WANG	Vertical axis wind turbine
KR20120068559 A 20120627	AR2010P102666 20100720	F03D3/04	JULIA SILVESTRE EGIDIO [AR]; ROTH JOERG WALTER [CH]	Vertical axis wind turbine
KR20120068728 A 20120627	PL20100391861 20100716	F03D7/06	TELBIT PHU IWONA JANOWSKA [PL]; JANOWSKI KRZYSZTOF [PL]	VERTICAL AXIS WIND TURBINE
KR20120068775 A 20120627	CN20111225756 20110808	F03D9/00; F03D3/06; F03D7/06	Hohai University, Changzhou	Vertical axis wind turbine (VAWT) with support bars with variable pitch angle blades

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KR20120068797 A 20120627	WO2010US29402 20100331; US20090213281P 20090522; US20100711808 20100224	F03D3/06	GRASSMAN DEREK [US]	VERTICAL AXIS WIND TURBINE AND GENERATOR THEREFORE
KR20120069076 A 20120628	CN20111459078 20111231	F03D7/06	Shenzhen Fengfa Science & Technology Development Co., Ltd.	Vertical axis wind turbine brake device
KR20120069197 A 20120628	JP20090002962U 20090508; JP20090213186 20090915; JP20090213215 20090915; JP20100054763 20100311; WO2010JP57745 20100506	F03D1/02	UENO YASUO [JP]	VERTICAL AXIS WIND TURBINE DEVICE
KR20120070233 A 20120629	TH0901004039 20090908; TH0901004535 20091007; WO2010TH00033 20100906	F03D3/04; F03D9/00	SUTTISILTUM APICHA [TH]	VERTICAL AXIS WIND TURBINE GENERATOR
LT2010076 A 20120425	JP20100191446 20100827; JP20110167721 20110729	F03D9/00	KIKUCHI NAOMI [JP]	VERTICAL AXIS WIND TURBINE GENERATOR
LU91914 A1 20120415	US20100807915 20100917	F03D9/00	DAWOUD FREDDY [US]; YACOUB ANNETTA [US]	Vertical axis wind turbine generator with sails

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MA33369 B1 20120601	KR20100122497 20101203	F03D3/06; F03D11/00		VERTICAL AXIS WIND TURBINE HAVING CASCADED MUTIBLADE
MD20100131 A2 20120531	GB20100016392 20100929	F03D3/06	NENUPHAR [FR]	Vertical axis wind turbine having modular blades with support arm at joint
MX2010008521 A 20120125	CN20111293337 20110928	F03D9/00; F03D3/06; F03D11/00	SHANGHAI HING WAH HONEYCOMB PANEL CO LTD	Vertical axis wind turbine made of honeycomb boards
MX2010012878 A 20120525	KR20100069596 20100719	F03D3/06; F03D11/00	HEPHZIBAH CO LTD [KR]	Vertical axis wind turbine with actuator driven by centrifugal force
MX2011007549 A 20120118	CN20101270250 20100826	F03D3/00; F03D3/06	Chen Zhongwei	Vertical axis wind turbine with fixed shaft
MX2011010933 A 20120112	CN20101281148 20100913	F03D3/06; F03D3/00	QINGHAI FENGFA SCIENCE AND TECHNOLOGY DEV COMPANY LTD [CN]; ZHOU QINGYU [CN]; HE LI [CN]	VERTICAL AXIS WIND TURBINE WITH SELF STARTING DEVICE
MX2011011266 A 20120120	WO2010IB55317 20101122	F03D3/02; F03D3/00; F03D7/06; F03D11/00	OZKUL TARIK [TR]	VERTICAL AXIS WIND TURBINE WITH SPEED REGULATION AND STORM PROTECTION SYSTEM
MX2012000139 A 20120201	GB20090005101 20090325; WO2010GB50491 20100324	F03D3/04	MATILDA S PLANET MFG LTD [GB]	VERTICAL AXIS WIND TURBINES
MX2012003382 A 20120410	CN20112291870U 20110812	F03D9/00; F03D3/06; F03D7/06; F03D11/00	JINHUI LIU	Vertical axis wind-driven generator
NL1038401C C 20120524	JP20100208508 20100831	F03D11/00; F03D3/06	SASA REI	VERTICAL AXIS WINDMILL FOR WIND POWER GENERATION
NL2005400C C 20120328	CN20112206907U 20110608	F03D9/00; F03D3/04; F03D3/06;	Zhang Junhua	Vertical axle tube type wind driven generator

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NL2005540C C 20120419	CN20112275678U 20110730	F03D3/06	GUANGDONG OUTRACE TECHNOLOGY CO LTD	Vertical blade with low wind speed starting of wind generator
NO20101529 A 20120502	CN20112325739U 20110901	F03D3/06	XUELI QI	Vertical lift-drag type wind turbine
NO20101786 A 20120622	CN20112114115U 20110412	F03D9/00; F03D3/00; F03D3/06	TUANYUAN ZHAO	Vertical orientation wind driven generator
NZ553544 A 20120330	US20100902139 20101011	F03D7/06	DURHAM GARY [US]; DURHAM H [US]; JUST THE 4 OF US LLC [US]	VERTICAL PROPELLER FLUID ENERGY CAPTURE WITH COORDINATED DYNAMIC-ORIENTATION BLADES
NZ571316 A 20120112	CN20101567134 20101129	F03D9/00; F03D3/02; F03D5/04	Zhu Jianhua;Jiang Benyu;Zhu Dongchu	Vertical shaft air returning type breeze generator
NZ574205 A 20120330	CN20112264658U 20110725	F03D9/00; F03D3/02; F03D3/06	SHIMING LIAO	Vertical shaft lift-drag combined wind power generating system
NZ577120 A 20120629	CN20112325157U 20110901	F03D3/06; F03D11/02; H02K5/04	BEIJING TOYODA TECHNOLOGY CO LTD	Vertical shaft multiple-section type wind generating set connection structure
NZ579564 A 20120224	CN20111182074 20110701	F03D9/00; F03D3/04; F03D3/06; F03D11/04	Mao Guowu	Vertical shaft rotating wind force synergic driving generating device
NZ580436 A 20120112	KR20100128480 20101215; KR20100095463 20100930	F03D3/02; F03D3/06; F03D11/00	JUNG K HAN [KR]; LEE SEUNG HO [KR]; EHIM JONG BIN [KR]	VERTICAL SHAFT TURBINE AND BIDIRECTIONAL STACK TYPE VERTICAL SHAFT TURBINE PROVIDED WITH SAME
NZ581283 A 20120629	CN20112193393U 20110609	F03D3/04; F03D3/06; F03D9/00	SHENZHEN CHIP SEMICONDUCTOR CO LTD	Vertical shaft turbine speed-increasing wind generating set

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NZ581903 A 20120330	CN20112213250U 20110622	F03D9/00; F03D3/00; F03D3/06; F03D7/06	UNIV WUHAN TECH	Vertical shaft type wind driven generator device
NZ584116 A 20120330	JP20100227561 20101007	F03D3/02; F03D3/04; F03D3/06	QIU CHUI NAN	VERTICAL SHAFT TYPE WIND FORCE KINETIC ENERGY GENERATING DEVICE BY COMPOSITE ROTATION MECHANISM OF DRAG AIRFOIL AND ERECTED LIFT AIRFOIL USING TOWER TYPE MULTIPOLAR WIND TUNNEL EFFECT
NZ586016 A 20120224	JP20100220420 20100930	F03D3/02	CLEAN POWER KK	VERTICAL SHAFT TYPE WIND POWER GENERATION APPARATUS
NZ586660 A 20120224	CN20101244421 20100803	F03D9/00; F03D3/06	Shanghai Shigen Environmental Design Engineering Co.,Ltd.	Vertical shaft type wind-driven generating set and baffle thereof
NZ587002 A 20120112	CN20111340630 20111102	F03D7/06; F03B3/14; F03B3/18; F03D3/06	LIZHONG TAN	Vertical shaft wind (hydraulic) motor with blades capable of automatically feathering during semi-cycle headwind (water)
NZ587337 A 20120629	CN20111229267 20110811; CN20111313095 20111014	F03D9/00; B66C23/18; F03D3/02; F03D3/06; F03D7/06; F03D11/00; F03D11/02; F03D11/04	DENG YUNHE [CN]	Vertical shaft wind driven generator
NZ588950 A 20120525	CN20112118532U 20110421	F03D9/00; B21C23/00; F03D3/06	Tianjin Pengyuan Electrical Appliance Technology Development Co.,Ltd.	Vertical shaft wind driven generator with vane and shaft formed through one step
NZ588977 A 20120629	CN20112142244U 20110507	F03D3/06	Sun Shanjun	Vertical shaft wind generator blade
NZ589512 A 20120525	RO20100000864 20100920	F03D3/00	APOSTU VASILE [RO]	VERTICAL SHAFT WIND MOTOR

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NZ589897 A 20120629	CN20111317296 20100114	F03D7/06; F03D3/06; F03D9/00	Shanghai Bernoulli Environmental Protection Technology Co., Ltd.	Vertical shaft wind power generation system and automatic vane angle regulation device thereof
NZ590831 A 20120330	CN20111317184 20100114	F03D7/06	Shanghai Bernoulli Environmental Protection Technology Co., Ltd.	Vertical shaft wind power generation system and blade angle automatic adjusting device thereof
NZ591305 A 20120629	CN20112269934U 20110728	F03D3/02	JIKANG SHEN	Vertical shaft wind power generator driven by double groups of wind rotors and integrated with building
NZ591332 A 20120330	CN20112304102U 20110819	F03D3/04; F03D3/06	RONGJIANG LI	Vertical shaft wind power rotating generating system
NZ591566 A 20120112	CN20101292317 20100921	F03D3/00; F03D3/02	Shenzhen Fengfa Science & Technology Development Co., Ltd.; ZHOU QINGYU [CN]; HE LI [CN]	VERTICAL SHAFT WIND TURBINE
NZ592171 A 20120330	CN20101504783 20101013	F03D7/06; F03D3/06; F03D9/00; F03D11/00	MENG YINGZHI [CN]	VERTICAL SHAFT WIND TURBINE OR WIND POWER GENERATOR
PE03962012 A1 20120422	KR20100070222 20100720	F03D3/06; F03D3/02; F03D11/00	AERONET INC [KR]	VERTICAL SHAFT WIND WHEEL
PL119175U U1 20120116	CN20111350739 20111105	F03D9/00; F03D7/06	Taiyuan University of Science and Technology	Vertical shaft wind-driven generation system structure and control method thereof
PL119246U U1 20120213	WO2010JP71336 20101130	F03D3/06	CNO CO LTD [JP]; SUGISAKI KEN [JP]	VERTICAL SHAFT WINDMILL
PL391611 A1 20120102	WO2010JP71334 20101130	F03D3/06	CNO CO LTD [JP]; SUGISAKI KEN [JP]	VERTICAL SHAFT WINDMILL

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PL391914 A1 20120130	CN20112288805U 20110810	F03D9/00	TANGSHAN TOYODA TECHNOLOGY CO LTD	Vertical shaft windmill aerostatic press multi-combination device
PL391919 A1 20120227	US201113234228 20110916; US20100388088P 20100930	F03D3/06	FIRIC PAUL [CA]	VERTICAL SPIRAL ANGLE WIND TURBINE
PL392042 A1 20120213	WO2010IB54449 20101001	E04H12/10; F03D11/04	SECCIONAL BRASIL SA [BR]; DE ABREU PAULO EMMANUEL [BR]	VERTICAL STRUCTURE FOR SUPPORTING LOADS
PL392138 A1 20120227	CN20112335764U 20110908	F03D9/00; F03D7/06; F03D11/00	Shanghai Jiuneng Energy Technology Development Co., Ltd.	Vertical type wind power generator
PL392473 A1 20120326	KR20100061479 20100628	F03D3/06; F03D7/06; F03D11/00; F03D11/02	LUCKY METAL CO LTD [KR]	VERTICAL TYPE WIND POWER GENERATOR
PL392527 A1 20120410	US20100927301 20101110	H02P9/04; F03D3/06	CROWE KENNETH DALE [US]; PUETZ TIMOTHY L [US]	Vertical vane wind turbine having peripheral weight distribution
PL392859 A1 20120507	CN20101272913 20100902	F03D9/00; F03D3/00; F03D3/02; F03D3/04; F03D11/00	HARBIN POWER VERTICAL WIND POWER EQUIPMENT ENGINEERING TECHNOLOGY RES CT [CN]; LI SHUGUANG [CN]	VERTICAL WIND COLLECTION GENERATOR SYSTEM
PL392997 A1 20120604	CN20111395865 20111205	F03D9/00; F03D11/00	SUZHOU FANGJIYUAN ENERGY SAVING TECHNOLOGY CO LTD	Vertical wind driven generator
PL393233 A1 20120618	CN20111395681 20111204	F03D9/00; F03D7/06	SUZHOU FANGJIYUAN ENERGY SAVING TECHNOLOGY CO LTD	Vertical wind driven generator
PL396204 A1 20120507	FR20100055265 20100630	F03D1/06; F03D3/06	OKWIND; HEULOT DANIEL YVES HENRI EMILE [FR]	VERTICAL WIND GENERATOR HAVING WINGLETS

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PL396205 A1 20120507	CN20112180820U 20110531	F03D11/04; F03D3/02	GUANGDONG OUTRACE TECHNOLOGY CO LTD	Vertical wind power generation device with strong wind resistant ability
PL396206 A1 20120507	KR20100085569 20100901	F03D3/04; F03D3/06; F03D11/00; F03D11/02	NAT UNIV HANBAT INDUSTRY [KR]	VERTICAL WIND POWER GENERATOR
PL396207 A1 20120507	CN20091041159 20090716; WO2009CN01041 20090917	F03D3/00; F03D9/00; F03D11/00; H02K7/20; H02K9/04	GUANGZHOU YATU WIND ENERGY CO LTD	Vertical wind power generator
PL396208 A1 20120326	CN20112290317U 20110811	F03D11/00	DENG YUNHE [CN]	Vertical wind power generator tower post
PL396209 A1 20120326	TW20100139145 20101115	F03D3/00	HIWIN MIKROSYSTEM CORP [TW]	Vertical wind power generator with automatically retractable blades
PL396210 A1 20120326	KR20100082348 20100825	F03D3/00; F03D3/06; F03D5/00; F03D11/00	RHO YOUNG GYU [KR]	VERTICAL WIND POWER GENERATOR WITH DROP TYPE BLADE
PL396211 A1 20120326	TW20100221344U 20101104	F03D9/00; F03D3/02; F03D3/06; H02K7/18	BIBIN TIAN	Vertical wind power generator with multilayer wind wheels
PL396212 A1 20120326	KR20090040873 20090511	F03D3/06; F03D11/00; F03D11/02	LEE MYUNG HO [KR]	VERTICAL WIND POWER GERNERATOR
PL396213 A1 20120326	CN20111312778 20111014	F03D9/00; F03D3/00; F03D3/04; F03D7/06; F03D11/00	LI SHUGUANG [CN]; HARBIN HIGH POWER VERTICAL WIND POWER EQUIPMENT, ENGINEERING AND TECHNICAL RES CT CO LTD	Vertical wind power shutter type wind gathering and closed protection system
PL396214 A1 20120507	CN20112280113U 20110803	F03D7/06; F03D3/02; F03D11/00	ZHANG LIMING	Vertical-axis resistance type revolving door wind driven generator

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PL396215 A1 20120507	CN20112280431U 20110803	F03D3/06; F03D9/00	SHIMING LIAO	Vertical-axis standard resistance-difference type spiral rotating body wind power generation system
PL396217 A1 20120604	CN20111298754 20110928	F03D3/06; F03D3/02	Shanghai Hing Wah Honeycomb Building Material Co.,Ltd.	Vertical-axis wind driven generator
PL396218 A1 20120507	GR20110100022 20110119	F03D3/00; F03D1/06	KAMPASAKALIS DIMITRIOS GEORGIU [GR]	VERTICAL-AXIS WIND GENERATOR
PL396219 A1 20120507	KR20100103982 20101025	F03D3/06; F03D11/00	CAE KOREA CO LTD [KR]	VERTICAL-AXIS WIND POWER GENERATOR WHICH HAVE DUAL HUB
PL396220 A1 20120507	WO2011ES00038 20110215; ES20100000283 20100302	F03D3/06	GEOLICA INNOVATIONS S L [ES]	VERTICAL-AXIS WIND ROTOR
PL396222 A1 20120507	US201013148464 20100208; US20090150523P 20090206; WO2010US23523 20100208	F03D9/00	YOUNG RICHARD NILS [US]	VERTICAL-AXIS WIND TURBINE
PL396223 A1 20120507	KR20100109606 20101105	F03D3/06; F03D11/00	KANG OK RYE [KR]; SHIN MEONG JIN [KR]; SHIN MEONG CHEOL [KR]; YANG HYUN DAI [KR]	VERTICAL-AXIS WIND TURBINE OF A TYPE WITH WIND-DIRECTION-ADJUSTABLE BLADES, AND A SWING-MOTION DEVICE FOR THE SAME
PL396224 A1 20120507	KR20100123042 20101203	F03D3/06; F03D11/00; F03D11/02		Vertical-Axis Wind Turbine which has multi-wind blades rotating by reverse direction in turnat the single central-axis of multi-wind blades
PL396452 A1 20120130	CN20111397075 20111202	B66B7/02; B66B5/02; B66B5/14; B66B7/10; B66B11/02; F03D11/00	Intercontinental United Chaulen Technology (Beijing) Co., Ltd.;Xia Zongquan	Vertically-lifting hanging basket

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PT105274 A 20120301	CN20111345817 20111106	F03D3/02; F03D3/04; F03D7/06	GUOJUN JIANG	Vertical-shaft two-wheel diversion linked wind-driven generator
PT105353 A 20120426	CN20112354210U 20110921	F03D3/06	Zhao Jingchun	Vertical-shaft wind driven generator blade device capable of automatically facing wind
PT105445 A 20120622	GR20100100601 20101021	F03D3/00; F03D3/04	KONTOS LEONIDAS GEORGIUO [GR]	VERTICAL-SHAFT WIND GENERATOR
PT1522725E E 20120302	GR20100100460 20100818	F03D3/06	CHATZIGIANNAKIDIS KONSTANTINOS CHARALABOU [GR]	VERTICAL-SHAFT WIND GENERATOR
PT1843964E E 20120207	CN20101264131 20100820	F03D9/00; F03D3/00; F03D11/00	Qiu Chuinan	Vertical-shaft wind-driven kinetic energy generating device
PT2220366E E 20120330	US20090425649 20090417	B29C70/36; F03D1/00	GEN ELECTRIC [US]	VERTIKALE HERSTELLUNG EINES VERBUNDSTOFFWINDTURBINENTURMS
PT2239398E E 20120112	DE201220002936U 20120324	F03D3/06	MOEHRING ELENA [DE]	Vertikale Windrotor-Anlage
RO123459 B1 20120629	DE201120105280U 20110902	F03D1/00; F03D1/04	PLOEHN HARRY [DE]	Vertikaler Windgenerator zur Erzeugung von Strom
RO127034 A0 20120130	CN20091241617 20091127; WO2010CN01683 20101025	B63B27/00; F03D1/00	SINOVEL WIND GROUP CO LTD [CN]	Vessel for transporting and hoisting offshore wind generating set and transporting and lifting method
RO127035 A0 20120130	CN20111358368 20111114	F16F7/104; F03D11/00	Jiangsu Yujie Steel Machine Co., Ltd.;Southeast University	Vibration absorber for cycloid type wind driven generator tower
RO127036 A2 20120130	CN20101532527 20101031	F03D9/00; F03D11/00; F16F15/04	Yangzhou Shenzhou Wind Turbines Co., Ltd.	Vibration absorption structure for wind power generator
RO127037 A0 20120130	WO2010JP73514 20101227	F03D11/04; F16F7/10	MITSUBISHI HEAVY IND LTD [JP]	VIBRATION CONTROL APPARATUS OF WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
RO127087 A2 20120228	JP20100273771 20101208	F16F15/02; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	VIBRATION CONTROL DEVICE OF WIND POWER GENERATION WINDMILL
RO127219 A0 20120330	CN20112146748U 20110510	F03D11/00; F16F15/02; F16F15/08	SINOVEL WIND GROUP CO LTD [CN]	Vibration damper of wind turbine generator system tower
RO127220 A2 20120330	CN20112409623U 20111025	F16F15/04; F03D11/04	Zhuzhou Times New Materials Technology Co., Ltd.	Vibration reduction support device
RO127221 A0 20120330	KR20100077376 20100811	F03D11/04; E04H12/00	HYUN DAI HEAVY IND CO LTD [KR]	VIBRATION SUPPRESS IN THE WTGS USING MAIN TRANSFORMER
RO127313 A0 20120430	CN20112251769U 20110718	H04N7/18; F03D9/00; H02N6/00	AEROSPACE SCIENCE & INDUSTRY SHENZHEN GROUP CO LTD	Video online monitoring system for overhead power transmission line
RO127546 A0 20120629	DE200810022617 20080507; WO2009EP53616 20090326	F03D9/00; F03D11/00	SIEMENS AG [DE]	Vindenergianlög og vindenergi park med et antal vindenergianlög
RU2010128021 A 20120120	CN20111316536 20111018	F16N31/02; F03D11/00	Yongji Xinshisu Electric Equipment Co., Ltd.	Visible oil collector
RU2010128132 A 20120120	CN20112396892U 20111018	F16N31/02; F03D11/00	Yongji Xinshisu Electric Equipment Co., Ltd.	Visualized oil collector
RU2010130397 A 20120127	US20100856767 20100816	F03D7/02	GEN ELECTRIC [US]	Vorrichtung und Verfahren zum Betreiben einer Windkraftanlage
RU2010132883 A 20120210	DE201010043199 20101101	F03D11/04	SUZLON ENERGY GMBH [DE]	Vorrichtung und Verfahren zur Montage eines Rotors an den Triebstrang einer Windturbine
RU2010136041 A 20120320	US20070009596P 20071228; DK20080000284 20080228; WO2008EP67694 20081217	H02P9/00; F03D9/00; G01R21/127; H02J3/18; H02J3/42; H02P9/26	VESTAS WIND SYS AS [DK]	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DER BLINDLEISTUNG EINER AN EIN VERSORGNUNGSNETZ ANGESCHLOSSENEN GRUPPE VON WINDTURBINEN

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RU2010136677 A 20120320	DE201020012748U 20100920	F03D3/00; F03B7/00; F03B13/10; F03B17/06; F03D3/02; F03D3/04; F03D3/06	DRAEGER FRANK [DE]	Vorrichtung zum Erzeugen von elektrischer Energie aus einem strömenden Medium
RU2010145320 A 20120520	DE20031032876 20030719	B08B1/00; F03D1/00; F03D11/00	WINDREICH AG [DE]	VORRICHTUNG ZUM MASCHINELLEN REINIGEN WÄHREND DES BETRIEBS EINES ROTORBLATTS EINER WINDKRAFTANLAGE
RU2010147370 A 20120527	DE201010041750 20100930	F16H57/04; B01D17/022; B01D17/032; F03D11/04; F16N39/06	SIEMENS AG [DE]	Vorrichtung zur Abscheidung von Wasser aus Schmierstoffen eines Windturbinengetriebes
RU2440511 C1 20120120	DE201010032186 20100723	F03D3/04	BRANDTS WIM [NL]	Vorrichtung zur Energieerzeugung mittels Windkraft mit einem eine senkrechte Drehachse aufweisenden Rotor
RU2441173 C1 20120127	DE200910058277 20091213	E02B17/00; A47L1/02; B66B9/00; B66B9/187; E04G23/00; E06C7/12; F03D1/00	STIFTUNG A WEGENER INST POLAR [DE]	VORRICHTUNG ZUR NUTZUNG VON TECHNISCHEN GERÄTEN IM UNTERWASSERBEREICH
RU2442018 C1 20120210	DE201010017749 20100705	F03D11/00	SSB WIND SYSTEMS GMBH & CO KG [DE]	Vorrichtung zur optischen Messung der Biegung eines Rotorblatts einer Windkraftanlage
RU2444644 C1 20120310	AT20100001345 20100810	F03D3/06; F03B17/06; F03D3/04	RIEGERBAUER HERMANN [AT]	VORRICHTUNG ZUR UMSETZUNG DER ENERGIE EINES STRÖMENDEN MEDIUMS
RU2451208 C1 20120520	DE20031021535 20030514; WO2004EP05224 20040514	F03D7/02; F03D11/00; F16H57/04	REPOWER SYSTEMS AG [DE]	VORRICHTUNG ZUR VERSTELLUNG DES ANSTELLWINKELS EINES ROTORBLATTS EINER WINDKRAFTANLAGE UND DESSEN SCHMIERUNG

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RU2451827 C1 20120527	WO2010GB50793 20100514; GB20090008355 20090515	F03D1/04	KINETIC HARVEST LTD [GB]	VORTEX ENHANCED WIND TURBINE DIFFUSER
RU2452869 C1 20120610	ES20100001003 20100802	F03G7/08; F03D5/06; F03D9/00	DEUTECNO S L [ES]; ABACCUS SOLUCIONES E INNOVACION S L [ES]; YANEZ VILLARREAL DAVID JESUS [ES]	VORTEX RESONANCE WIND TURBINE
RU2453727 C1 20120620	CN20112195202U 20110612	F03D3/02	Xu Yuyi	V-shaped hinge type power take-off of wind force
RU2453729 C1 20120620	CN20112195200U 20110612	F03D9/00; F03D3/00; F03D3/06	Xu Yuyi	V-shaped hinge type wind driven generator
SE1051025 A1 20120402	KR20100083893 20100830	F03B17/02; C02F3/14; F03B17/06; F03D3/04	GU CO LTD [KR]	WAST WATER TREATMENT APPARATUS
SE1051070 A1 20120414	EP20100189980 20101104	H02K9/00; F03D11/00; H02K5/20	SIEMENS AG [DE]	WATER COOLED ELECTRIC MACHINE
SG176575 A1 20120130	CN20101550491 20101111	F24J2/00; F03D9/00	Zhou Tong	Water heater powered by solar energy and wind energy at the same time
TW201200723 A 20120101	CN20112226246U 20110623	G01F23/22; F03D9/00; G08C17/02	WUXI TONGCHUN NEW ENERGY TECH	Water level measuring and forecasting device providing power for water lever sensor of wind generating system
TW201200724 A 20120101	ES20100000988U 20101001	F03B3/12; B63H1/14; B64C11/00; F03D1/06; F03D3/06	JECALIS DISSENYS I PATENTES SL [ES]; MOTAS VALLS JAUME [ES]	WATER OR WIND TURBINE PROPELLER
TW201200725 A 20120101	CN20112307751U 20110823	F03D9/00; F03D3/00;	TANGSHAN TOYODA TECHNOLOGY CO LTD	Water raiser consisting of vertical-axis windmill

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		F04D25/04		
TW201200726 A 20120101	CN20111323955 20111023	F24D3/18; F03D9/00; F24D19/10; F24F5/00; F25B30/00	UNIV XI AN JIAOTONG	Water source heat pump and wind power generation combined heating system and scheduling method thereof
TW201200729 A 20120101	CN20111323952 20111023	F24F5/00; F03D9/00; F24F11/02; F25B30/00; H02J3/46	Xi'an Jiaotong University	Water source heat pump and wind power generation combined refrigeration system and scheduling method thereof
TW201202547 A 20120116	CN20112227618U 20110630	F03D9/00; F03B3/12; F03B11/00; F03B13/00; F03D1/06; F03D11/02	TANGSHAN TOYODA TECHNOLOGY CO LTD	Water wheel and windmill dual-purpose landscape generating set
TW201202548 A 20120116	CN20101536270 20101109	F03B13/00; E04H5/02; F03D9/00; F03G6/06; F24J2/08; F24J2/10; F24J2/34	Peng Yirong	Water, thermal and wind motive power generation system
TW201202549 A 20120116	CN20111188687 20110707	F03B13/26; F03B3/14; F03D1/06; F03D3/06; F03D7/00	An Yi; An Yuming	Waterflow source and airflow source power composite rudder blade element
TW201202550 A 20120116	CN20112261690U 20110722	F03D11/00	DENG YUNHE [CN]	Waterproof vertical wind driven generator
TW201204926 A 20120201	GB20100021031 20101210	F03B13/18; B63B39/10;	TRIDENT ENERGY LTD [GB]	Wave energy converter with generation and damping modes

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		E02B3/06; F03D9/00		
TW201204927 A 20120201	KR20100085778 20100902	F03B13/22; F03B13/26; F03B17/06; F03D9/00	YOO JAE HEE [KR]; YOO JONG UCK [KR]	WAVES AND CURRENT GENERATOR, AND WIND TURBINES
TW201206025 A 20120201	US20100807727 20100913	B64C3/14; F03D1/00; F03D7/04; F03D11/04	SULLIVAN JOHN [US]; SULLIVAN COLLIN ROBERT [US]	Wavy airfoil
TW201206736 A 20120216	KR20100087828 20100908	F03D7/00; F03D7/04	MIJI ENERTECH [KR]	WEB MONITORING SYSTEM OF WIND GENERATOR USING LABVIEW
TW201207230 A 20120216	EP20100189982 20101104	H02K15/02; F03D11/00; H02K1/20; H02K9/00	SIEMENS AG [DE]	WELDED MANIFOLD FOR A STATOR HOUSING SEGMENT
TW201207231 A 20120216	CN20111439721 20111223	F03D11/00	TAIYUAN HEAVY INDUSTRY CO LTD	Welded rack of wind driven generator group
TW201207232 A 20120216	CN20112261073U 20110722	F03D11/00	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	Wheel hub lock mechanism for megawatt-level wind generating set
TW201207233 A 20120216	CN20112321785U 20110831	F03D11/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wheel hub of wind driven generator and wind driven generator
TW201207587 A 20120216	CN20111327466 20111025	F03D9/00; F03D3/04; F03D3/06; F03D7/06; F03D11/02; F03D11/04	Wuxi C-Solar New Energy Technology Ltd.	Wheel type wind power generation system surrounding solar tower tray
TW201208494 A 20120216	CN20112250488U 20110715	F03D1/06; F03D9/00; F03D11/00	WEIPING XIA	Wheel-shaped impeller, wind power generation device and artificial air flow generating system

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TW201209278 A 20120301	CN20111327898 20111025	F03D9/00; F03G6/04; F03G6/06	WUXI C SOLAR NEW ENERGY TECHNOLOGY CO LTD	Wind and light auxiliary heat power mechanism solar tower-type power output optimization and integration system
TW201209279 A 20120301	CN20112338259U 20110909	E04H1/00; F03D3/04; F03D9/00	SHENYANG AEROSPACE UNIVERSITY	Wind and light complementary building
TW201209280 A 20120301	CN20112305185U 20110815	E01F15/02; F03D9/00; H01L31/042	PENG ZHANG	Wind and light supplementary power generation isolation guiderail
TW201209281 A 20120301	CN20112139922U 20110505	B60Q1/52; B60L1/14; F03D9/00	Wenzhou University	Wind and photovoltaic hybrid long warning lamp
TW201210798 A 20120316	WO2009US54665 20090821	F03D9/00	CATCH THE WIND INC [US]	Wind and power forecasting using LIDAR distance wind sensor
TW201210929 A 20120316	AU20100219296 20100905	F21L4/00; F03D9/00; G03B15/03; H01L31/04; H02J7/00	FITZGIBBONS JAMES	Wind and Solar - Speed / Video Camera Transmittion Pole
TW201211385 A 20120316	CN20112130406U 20110428	F03D9/02; F03D3/00; F03D7/06; F04D25/04; F04D25/06; F04D25/08	Sun Shanjun	Wind and solar clerestory generating self-driven draught fan
TW201211386 A 20120316	CN20112349099U 20110916	E04H5/02; E04H12/00; F03D9/00; H02N6/00	Shanghai Aerospace Automobile Electromechanical Co., Ltd.	Wind and solar energy complementary tower integrated base station
TW201215538 A 20120416	CN20112343929U 20110914	F03D9/00; F03B13/00	Yu Hongyi	Wind and water co-using power device
TW201215767 A 20120416	CN20112343928U 20110914	F03D9/02; F03B13/00	Xu Haozhong	Wind and water co-using power device

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TW201215768 A 20120416	CN20111404471 20111208	H02J3/38; F03B13/00; F03D9/00	Northeastern University	Wind and water hybrid power system and method for controlling same
TW201215769 A 20120416	JP20100140766 20100621	F03D3/00	UNIV SAITAMA	WIND AND WATER MILL AND DESIGN METHOD OF WIND AND WATER MILL
TW201217639 A 20120501	CN20112343939U 20110914	F03D9/00; F03B13/00	Xu Yuyi	Wind and water power generator
TW201217640 A 20120501	KR20100061144 20100628	F03D9/00; B63B38/00; F03B13/00; F03D5/02	UNIV INJE IND ACAD COOPERATION [KR]	WIND AND WATER POWER GENERATOR SHIP
TW201217641 A 20120501	GB20100018041 20101026; GB20110015936 20110915; GB20110012205 20110715	F03D5/06; F03B13/18; F03D9/00	BARNES SHANNON RHONDA LEIGH [GB]; FORDHAM JOSEPH HENRY [GB]	Wind and wave energy device
TW201217642 A 20120501	US201113323726 20111212; US20100422138P 20101211	H02K21/00; F03D9/02	KILDEVAELD MICHAEL ROGLER [US]	WIND ASSIST RARE EARTH MAGNET DRIVEN TURBINE
TW201218578 A 20120501	IN2009CH02965 20091202; WO2010IN00780 20101202	B60L11/18; F03D9/00	ARUMUGAM RAJENDRA BABU [IN]	WIND BASED LOAD ISOLATED ELECTRICAL CHARGING SYSTEM
TW201219647 A 20120516	CN20112113001U 20110418	F03D9/00; F03D1/00; F03D1/06	Liu Yonggang	Wind blade energy converter
TW201219648 A 20120516	TW20100126546 20100810	F03D1/04	CHUNG SHAN INST OF SCIENCE [TW]	Wind collection method of wind power generation
TW201219649 A 20120516	CN20112366543U 20110929	F03D1/00; F03D1/04; F03D7/04	Wu Zhiwen	Wind collection type wind generating set

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TW201219653 A 20120516	US20090360766 20090127	F03D7/00	CHEN FRANKLIN Y K [US]	Wind cone windmills and application to energy harvesting factory ships
TW201219728 A 20120516	PL20110396206 20110905	F03D11/04; F03D3/02; F03D3/06	POLITECHNIKA WROCLAWSKA [PL]	Wind corner driving system
TW201221053 A 20120601	TW100219987U 20111025	F03D11/00	LEE CHENG-EN [TW]	Wind deflector device of wind power tower
TW201221763 A 20120601	FR20100060708 20101217	F03D9/00; B60K16/00; F03D3/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Wind device for use with vehicle for converting wind energy into mechanical or electrical energy, has reinforcing elements fixed on mast, where flexible blades are wound up or take place depending on height exhibited by mast
TW201221764 A 20120601	HU20100000506 20100916	F03D3/04	MATRAHAZI JANOS [HU]	WIND DRAGON
TW201221765 A 20120601	FR20100003523 20100903	F03D1/04; F03D1/02; F03D9/00; F25B27/00; F28B5/00	IFP ENERGIES NOUVELLES [FR]	Wind driven device for use on roof of building to produce heat energy, cold energy or water, has main turbomachine element comprising turbines for capturing wind energy, where each turbine's axis is parallel to axis of air inlet element
TW201223130 A 20120601	KR20100071289 20100723	B60L8/00; F03D9/00	YUN HEA JIN [KR]	Wind driven Electric automobile
TWI361971B B 20120411	CN20112422215U 20111028	F24J2/08; F03D9/00; F24J2/38; F24J2/40; F24J2/51	Dalian Maritime University	Wind driven Fresnel solar energy focusing hot-air device
TWM419823U U 20120101	CN20111395686 20111204	F03D9/00; E04H9/14; F03D11/00	SUZHOU FANGJIYUAN ENERGY SAVING TECHNOLOGY CO LTD	Wind driven generator
TWM420591U U 20120111	CN20111393275 20111201	F03D9/00; F03D11/00	XI AN RUIJINYUAN ENERGY TECHNOLOGY CO LTD	Wind driven generator

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TWM421385U U 20120121	CN20111154675 20110610	F03D9/00; F03D11/00; H02J7/00	Zhang Wei	Wind driven generator
TWM421386U U 20120121	CN20112247746U 20110714	F03D7/00	SUZHOU DONGYUAN ELECTRICAL APPLIANCE CO LTD	Wind driven generator
TWM421387U U 20120121	CN20112245604U 20110713	F03D9/00; F03D3/06; F03D7/06; F03D11/00	GUANGDONG TENFO ELECTRICAL GROUP CO LTD	Wind driven generator
TWM421984U U 20120201	CN20112193046U 20110609	F03D1/02; F03D1/06; H02N15/00	Ma Kuiyun	Wind driven generator
TWM421985U U 20120201	CN20112188580U 20110607	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Xu Yuyi	Wind driven generator
TWM422593U U 20120211	WO2009JP53744 20090227	F03D1/06; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND DRIVEN GENERATOR
TWM422594U U 20120211	CN20112189251U 20110607	F03D3/06; F03D9/00	Jiang Zhonghua	Wind driven generator
TWM422595U U 20120211	CN20112286197U 20110808	F03D7/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind driven generator and hydraulic pitch control system thereof
TWM422596U U 20120211	WO2009JP63767 20090803	F03D1/00; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND DRIVEN GENERATOR AND METHOD OF ASSEMBLING SAME
TWM422597U U 20120211	CN20111421289 20111215	F03D7/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind driven generator and variable-pitch system thereof
TWM423227U U 20120221	CN20112259760U 20110721	H02K5/04; F03D3/00; F03D9/00; H02K3/04	XIONGFEI PAN	Wind driven generator and vertical wind driven generator

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TWM423743U U 20120301	CN20112314642U 20110822	F03D11/00; F16C35/00	BINZHOU LONGMA HEAVY INDUSTRY TECHNOLOGY CO LTD	Wind driven generator bearing seat
TWM423744U U 20120301	CN20101532996 20101104	F03D11/00; B32B27/12	SANY ELECTRIC CO LTD [CN]	Wind driven generator blade
TWM424003U U 20120311	CN20112259165U 20110721	F03D3/06	BEIJING TOYODA TECHNOLOGY CO LTD	Wind driven generator blade and wind driven generator utilizing same
TWM425175U U 20120321	CN20112287706U 20110809	F03D3/06	Li Shengran	Wind driven generator fan blade
TWM425176U U 20120321	CN20112112371U 20110415	F03D1/06; F03D3/06	Li Shengran	Wind driven generator fan blade
TWM425177U U 20120321	CN20112237887U 20110707	F03D11/04	GUODIAN UNITED POWER TECH CO	Wind driven generator frame and transmission chain installation guiding device
TWM425178U U 20120321	CN20111405770 20111208	F03D9/00; F03D7/02; F16D43/14	Zhejiang University	Wind driven generator matching wind speed
TWM425787U U 20120401	CN20112180862U 20110601	F03D11/00	Xi'an DunAn Electric Co., Ltd.	Wind driven generator oil collecting box
TWM425930U U 20120401	CN20111447757 20111228	F03D9/00; F03D11/02	XUN DONG; WANG CHENGTAO	Wind driven generator system arranged on land for generator group
TWM425931U U 20120401	CN20111247175 20110826	F03D11/04; B65D85/68	Yao Yuning	Wind driven generator tower and transportation and assembly method thereof
TWM425932U U 20120401	CN20112170493U 20110525	F03D1/06	BEIJING CENTURY WEINENG TECHNOLOGY CO LTD	Wind driven generator vane made of bamboo fiber reinforced composite material
TWM425933U U 20120401	CN20101564817 20101125	F03D9/02; F03D1/00; F03D1/06; F03D7/04; F21S9/04	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind driven generator with lower power
TWM425934U U 20120401	CN20112079576U 20110322	F03D9/00; F03D3/00; F03D3/06	Zhang Xiangming;Xu Li	Wind driven generator with multi-stage vertical blades

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TWM425935U U 20120401	US201113052429 20110321; US20080110100 20080425; US20060505966 20060817	F03D9/00	STEPHENS THOMAS G [US]; ELSE STEPHEN C [US]	Wind Driven Power Generator with Moveable Cam
TWM426214U U 20120401	TW100222019U 20111122	F03D9/00	HUANG CHUN-XIU [TW]	Wind driven rotating energy generation device structure
TWM426658U U 20120411	IT2007TO00233 20070330; WO2008IT00089 20080213	F03D5/04; F03D11/04	KITE GEN RES S R L [IT]	Wind electricity generation system which generates energy from a kite towing a trolley along rails and a process for producing electric energy through the system
TWM426659U U 20120411	CN20101555163 20101123	F03D9/00; F03D7/00; F16H47/02	Dalian Chuangda Technology Trade Market Co., Ltd.	Wind energy and hydraulic pressure combined type generating device
TWM427453U U 20120421	CN20112132259U 20110429	F03D9/02; F03D3/02; F03D3/06; F03D7/06; F04D25/04; F04D25/06; F04D25/08	SHANJUN SUN	Wind energy and solar energy clerestory straight-through generation self-driven fan
TWM428245U U 20120501	CN20111311559 20111014	F03D9/00; F03B1/00; F03B13/06; F03D1/02; F04B17/02; F04B23/06	Zhu Yongbo	Wind energy collecting device and wind power generation system thereof
TWM428996U U 20120511	CN20112224079U 20110629	F03D9/02; F21S9/04	JIAYUN SUN	Wind energy collecting system for express way
TWM429770U U 20120521	CN20111458891 20111231	F03D3/06; F03D11/00	Yang Daotong	Wind energy conversion device of megawatt-class wind power generation system

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TWM431225U U 20120611	CN20092219585U 20090930; WO2010CN77476 20100929	F03D11/00; F03D1/00; F03D9/00; H02G13/00	ASIAN PRIME SOURCES LTD	Wind energy converter
TWM431951U U 20120621	US201013266596 20100428; US20090173236P 20090428; WO2010CA00614 20100428	F03D9/02	STUART ALEX J [CA]; PHILLIPS JUSTIN DAVID [CA]	Wind Energy Generating and Storing System
TWM431952U U 20120621	US20100407459P 20101028; US20100372096P 20100810	F03D7/02	NEY LI PTE LTD [SG]; OFEK ERAN [IL]	WIND ENERGY HARVESTING METHOD AND APPARATUS
US2012000071 A1 20120105	CN20111432150 20111216	F03D9/00	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind energy heater
US2012001437 A1 20120105	DE201010055687 20101222	F03D3/00; F03D3/04	EADS DEUTSCHLAND GMBH [DE]	Wind energy hybrid rotor
US2012001438 A1 20120105	WO2010RU00096 20100302; RU20090115533 20090424; RU20090117229 20090506	F03D3/04; F03D3/06; F03D9/00; H02K7/18	VIGAEV VALERIY PETROVICH [RU]; MIKHOV ALEXANDER PETROVICH [RU]	WIND ENERGY INSTALLATION
US2012001439 A1 20120105	DE201010043429 20101104; DE201110005390 20110310	F03D9/00C; H02K7/18A2W2; H02K9/19	WOBLEN ALOYS [DE]; HILDEBRAND ARNO [DE]	WIND ENERGY INSTALLATION HAVING A SYNCHRONOUS GENERATOR, AND SLOWLY ROTATING SYNCHRONOUS GENERATOR
US2012001440 A1 20120105	DE201020011397U 20100813	F03D1/00	WOBLEN ALOYS [DE]; MUELLER JOHANN [DE]	WIND ENERGY INSTALLATION WORKING GANTRY AND WIND ENERGY INSTALLATION

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US2012003089 A1 20120105	WO2010EP52810 20100305; DE200910017028 20090414	F03D7/02; F03D9/00	SIEMENS AG [DE]; WINERGY AG [DE]	WIND ENERGY PLANT AND DRIVE DEVICE FOR ADJUSTING A ROTOR BLADE
US2012003090 A1 20120105	WO2010EP52478 20100226; DE200910017027 20090414	F03D7/02	SIEMENS AG [DE]; WINERGY AG [DE]	WIND ENERGY PLANT AND ENERGY TRANSMISSION DEVICE FOR A WIND ENERGY PLANT
US2012003092 A1 20120105	WO2010EP01789 20100322; DE200910013728 20090320	F03D11/04; H02G3/00	REPOWER SYSTEMS AG [DE]	WIND ENERGY PLANT HAVING A TWISTABLE NACELLE CABLE GUIDE
US2012003094 A1 20120105	DE201010050956 20101110	F03D7/02	POWERWIND GMBH [DE]	Wind energy plant operation controlling method, involves performing lowering of rotational speed, which is smaller in comparison to another speed
US2012003095 A1 20120105	US201213352259 20120117; US20100834722 20100712; US20090355411 20090116; US20060608658 20061208; US20050766003P 20051229	F03D3/04	KRIPPENE BRETT C [US]	WIND ENERGY POWER ENHANCER SYSTEM
US2012003096 A1 20120105	CN20112184589U 20110602	F22B33/18; F03D9/00	Yang Yifang	Wind energy steam boiler set
US2012006052 A1 20120112	CN20112389591U 20111011	G09F9/33; F21S9/04	Zhang Hui	Wind energy streetlamp subtitle display device

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US2012007362 A1 20120112	WO2010US38164 20100610; US20090218713P 20090619	F03D9/00; F03D3/04; F03D11/00	UNIV MIAMI [US]	WIND ENERGY SYSTEM
US2012007365 A1 20120112	EP20040739904 20040615; DE20031027344 20030616	H02J3/38; F03D7/00; F03D7/04; F03D9/00; H02M5/44	REPOWER SYSTEMS AG [DE]	Wind energy system
US2012007366 A1 20120112	US201113248997 20110929; US20100771898 20100430; US20090256174P 20091029; US20090256474P 20091030	F03D7/02; F03D11/00	GREEN ELECTRIC COMPANY A MASSACHUSETTS CORP [US]	WIND ENERGY SYSTEM
US2012009062 A1 20120112	US20100361006P 20100702; US201113175842 20110702	F03D7/02	CALHOON SCOTT W [US]; JOHN SAM M [US]	WIND ENERGY SYSTEM
US2012009066 A1 20120112	US201113298678 20111117; US20100854196 20100811; US20100774936 20100506	F04D29/00	ABRAMOV YURI [IL]	WIND ENERGY USE

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US2012009068 A1 20120112	US201113330714 20111220; US201113298678 20111117; WO2010US59786 20101210; US20100854196 20100811; US20100774936 20100506; WO2011B55292 20111124; US20090175799P 20090506; US20090233207P 20090812	F03D11/00; F03D1/00; F03D9/00	ABRAMOV YURI [IL]	WIND ENERGY USE
US2012009070 A1 20120112	WO2010US59786 20101210		ABRAMOV YURI [IL]; SOLITON HOLDINGS CORP DELAWARE CORP [US]	WIND ENERGY USE FOR WATER HARVESTING FROM AIR
US2012013130 A1 20120119	CN20101554900 20101123	F03D9/02; F01D15/10	Dalian Chuangda Technology Trade Market Co., Ltd.	Wind energy using and storing technology
US2012014752 A1 20120119	CN20112375126U 20111008	F24J2/46; F03D9/00	Kunming University of Science and Technology	Wind energy-based heat supplement system for residual water pipe of solar water heater
US2012014775 A1 20120119	US201113194139 20110729; JP20100244066 20101029; US20100409580P 20101103	H02P9/04	MITSUBISHI HEAVY IND LTD [JP]	WIND FARM CONTROL SYSTEM, WIND FARM, AND WIND FARM CONTROL METHOD
US2012014793 A1 20120119	JP20070335501 20071227	F03D7/04; F03D9/00	HITACHI LTD [JP]	Wind farm group, wind farm, and method for controlling same

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US2012014795 A1 20120119	WO2010EP54524 20100406; EP20090157298 20090403	F03D9/00	XEMC DARWIND B V [NL]	Wind farm island operation
US2012014797 A1 20120119	DE201110050148 20110505; DE201110051174 20110618	F03D7/00	BROSIG STEFAN [DE]	Wind farm or tidal stream park for optimization of energy yield, comprises multiple wind turbines or tidal stream turbines, which have rotors with horizontal pivot axis
US2012014798 A1 20120119	DE201010050591 20101105	F03D7/02	EADS DEUTSCHLAND GMBH [DE]	Wind farm, wind energy assembly in a wind farm and operation control system for same
US2012014799 A1 20120119	CN20101238608 20100720	F03D9/00; F03D1/04; F03D3/04	MENG YINGZHI [CN]	Wind gathering device for improving efficiency of air blower or wind driven generator
US2012014804 A1 20120119	WO2010CN01517 20100929	F03D1/02	Daoda Shanghai Wind Power Invest Co., Ltd.	Wind generating device
US2012019002 A1 20120126	CN20101565163 20101125	F03D9/00; F03D7/02	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind generating set
US2012019006 A1 20120126	CN20111272853 20110915	F03D7/02; H02H5/04; H02H7/06; H02P9/00	Xinjiang Goldwind Science and Technology Co., Ltd.	Wind generating set
US2012020788 A1 20120126	CN20112036371U 20110130	F03D9/00; F03D7/00; F03D11/02	Gao Zexing	Wind generating set
US2012020792 A1 20120126	CN20111379276 20111124	F03D9/00; F03D7/00; F03D11/00	SANY ELECTRIC CO LTD [CN]	Wind generating set and blade thereof
US2012020798 A1 20120126	CN20111369835 20111118	F03D11/02; F03D7/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind generating set and blade thereof
US2012020801 A1 20120126	CN20111340262 20111101	F03D11/02; F03D7/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind generating set and blade thereof

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US2012020803 A1 20120126	CN20111379560 20111118	F03D11/00	Goldwind Science & Technology Co., Ltd.	Wind generating set and method for shielding gap thereof
US2012023864 A1 20120202	CN20112271727U 20110729	F16H57/021; F03D11/02; F16H1/32	AVIC CHANGSHA ZHONGCHUAN TRANSMISSION MACHINERY CO LTD	Wind generating set reducer provided with rolling bearings for supporting among planet stages
US2012025525 A1 20120202	CN20111281339 20110916	F03D7/00	Xinjiang Goldwind Science and Technology Co., Ltd.	Wind generating set start control method and system
US2012025527 A1 20120202	CN20111393815 20111202	F03D9/00; F03D1/06	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind generating set with flexible blades
US2012025530 A1 20120202	CN20112318357U 20110826	F03D1/04	Wuxi CNAC Wande Windpower Technology Co.,Ltd.	Wind generating set with gradually expanded wind-gathering cover
US2012025533 A1 20120202	CN20111248552 20110826	F03D1/04	Wuxi CNAC Wande Windpower Technology Co.,Ltd.	Wind generating set with gradually-enlarging wind-collecting housing
US2012025535 A1 20120202	CN20112233065U 20110705	F03D9/00; F03D11/00; F16J15/16	China Creative Wind Energy Co.,Ltd.	Wind generating set with sealing structure
US2012025537 A1 20120202	KR20100011399U 20101105	F03D3/02; F03D11/00		wind generation system
US2012025538 A1 20120202	KR20100011397U 20101105	F03D1/00; F03D11/00; F03D11/04		wind generation system
US2012025539 A1 20120202	KR20100113723 20101116	F03D11/02; F03D1/02; F03D3/02	KIM KYONG BOK [KR]	WIND GENERATION SYSTEM
US2012025540 A1 20120202	KR20100109517 20101105	F03D1/00; F03D11/00; F03D11/04	KIM KYONG BOK [KR]	WIND GENERATION SYSTEM
US2012027561 A1 20120202	KR20100109512 20101105	F03D1/00; F03D11/00; F03D11/04	KIM KYONG BOK [KR]	WIND GENERATION SYSTEM

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US2012027585 A1 20120202	KR20100129594 20101217	F03D3/04; F03D9/00; H01L31/042	JEONG GYU HWA [KR]	WIND GENERATOR
US2012027586 A1 20120202	CN20112316210U 20110828	F03D9/00; F03G6/00	Xie Fengming	Wind generator
US2012027587 A1 20120202	RU20100149175 20101130	F03D1/04; F03D1/06	GLYUZDIN BOGDAN NIKOLAEVICH [RU]	WIND GENERATOR
US2012027589 A1 20120202	GB20090012695 20090722; WO2010GB51214 20100722	F03D3/00; F03D3/04; F03D11/04	POWER COLLECTIVE LTD [GB]	WIND GENERATOR
US2012027590 A1 20120202	KR20100083578 20100827	F03D1/00; F03D11/00; F03D11/02	SAMSUNG HEAVY IND [KR]; KO KYUNGMIN [KR]; YOON TAE WON [KR]; KWON SAMSANG [KR]; LEE CHUNSIK [KR]	WIND GENERATOR AND VENTILATION STRUCTURE OF WIND GENERATOR
US2012027591 A1 20120202	IT2010MI01889 20101015	F03D5/00	UNIV DEGLI STUDI GENOVA [IT]	Wind generator by means of deformation of at least one elastomeric element
US2012027592 A1 20120202	GR20100100011 20100108; WO2010GR00058 20101230	F03D3/06	NOURIS MYRON	Wind generator of vertical axle with inhibition overspeed flaps
US2012027595 A1 20120202	US20090319939 20090114; US20080011015P 20080114	F03D9/00	MENGES PAMELA A [US]	Wind generator system suitable for both small and big wind applications
US2012027596 A1 20120202	ES20100001230U 20101215	F03D11/00	IND TECHNOFLEX SA [ES]	Wind generator with protection for flying animals
US2012027602 A1 20120202	CN20112327898U 20110902	F03D9/00; F03D3/06	Dongguan Autotek Appliance Technology Co., Ltd.	Wind generator with telescopic fan blades
US2012027610 A1 20120202	GB20100016885 20101007	F03D1/04	SALEM DAVID [GB]	Wind generator with vertical duct and turbine in duct at low level

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US2012027613 A1 20120202	US201013257141 20100316; US20090210215P 20090316; US20090173889P 20090429; WO2010US27531 20100316	H02P9/48; F03D9/00	BERSIEK SHAMEL A [US]	WIND JET TURBINE
US2012027614 A1 20120202	US20090173889P 20090429; WO2010US27531 20100316; WO2010US33025 20100429	F03D9/00	BERSIEK SHAMEL A [US]	WIND JET TURBINE II.
US2012029723 A1 20120202	CA20102720174 20101104	F03D1/00	BARNES ROBERT [CA]	WIND JETTER
US2012029892 A1 20120202	CN20101563083 20101129	F03D1/06	Lu Zhongyuan	Wind kinetic energy receiving conversion device
US2012030920 A1 20120209	CN20112309515U 20110824	G01P5/26; F03D7/00	CPI Northeast Energy-saving Technology Co.,Ltd.	Wind measuring device for improving operating efficiency of fan and wind generating set thereof
US2012031119 A1 20120209	RO20110000627 20110701	F03D3/00	INST NATIONAL DE CERCETARE DEZVOLTARE AEROSPATIALA ELIE CARAFOLI INCAS [RO]	WIND MILL FOR IRRIGATIONS
US2012032450 A1 20120209	CN20091128001 20090312; WO2010CN00299 20100312	F03D3/00	YAN QIANG [CN]; SHEN YIHUI [CN]; ZHANG DONG [CN]; JIANG CHAOQI [CN]; NIU HAIFENG [CN]	WIND MILL STRUCTURE OF LIFT-TYPE VERTICAL AXIS WIND TURBINE
US2012032547 A1 20120209	HU20100000518 20100923	F03D3/06; F03D3/02	JAKAB GYOERGY [HU]	WIND MOTORS WITH VERTICAL AXIS

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US2012034082 A1 20120209	GB20090013935 20090807; WO2010EP61523 20100806	F03B3/12; F03D1/06	GURIT UK LTD [GB]	Wind or tidal turbine blade having an attachment
US2012034094 A1 20120209	EP20090075430 20090917; WO2010EP05607 20100830	H02K21/44	VENPOWER GMBH	Wind or water energy installation
US2012034096 A1 20120209	US201113309681 20111202; US20080128861 20080529	H02P9/04	GEN ELECTRIC [US]	WIND PLANT AND METHOD FOR INCREASING ENERGY CAPTURE IN A WIND PLANT
US2012035775 A1 20120209	CN20112402106U 20111020	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Wind power AC pitch control system
US2012035865 A1 20120209	TW100220015U 20111025	F03D7/02	ZENG CHONG-RONG [TW]	Wind power air-compression power generation device
US2012036821 A1 20120216	CN20112402134U 20111020	F03D7/00	REENERGY ELECTRIC SUZHOU CO LTD	Wind power alternating current propeller changing and collecting control system
US2012037100 A1 20120216	CN20111429077 20111220	F03D9/00; F03B3/18; F03B13/00; F03D11/02	WEIDONG GU	Wind power and hydraulic power comprehensive power generation system
US2012038155 A1 20120216	CN20111424354 20111219	F03D9/00; F01D15/10; F03D9/02	Liu Dianjun	Wind power and low-pressure steam turbine hybrid energy-storage cycle power generation system
US2012038156 A1 20120216	KR20100007452U 20100715	F03D1/00; F03D3/00; F03D11/02; H01L31/042		Wind power and solar hybrid generator
US2012038158 A1 20120216	CN20111187518 20110624	B60L8/00; B60K7/00; B60K16/00; F03D1/06;	Wu Zhiquan	Wind power and wheel hub electricity generation driving vehicle

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		F03D9/00		
US2012038159 A1 20120216	TW100218195U 20110928	A01K63/04; F03D3/00	JETPO TECHNOLOGY INC [TW]	Wind power apparatus for deepwater gas pumping
US2012038160 A1 20120216	KR20100007893U 20100726	F03D3/06; F03D11/00		Wind Power Blade
US2012038167 A1 20120216	KR20100113370 20101115	F03D11/02; F03D1/00; F03D9/02	LEE DAL EUN [KR]	WIND POWER COMPRESSOR
US2012038169 A1 20120216	KR20090052590 20090613; KR20100050631 20100528; WO2010KR03794 20100613	F03D9/00; F03D5/00	JU YOUNG-DAE [KR]	WIND POWER CONVERTING APPARATUS
US2012038170 A1 20120216	FR20100060224 20101208	F03D9/00; B60K16/00; F03D3/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Wind power device e.g. Savonius rotor-type wind power device, for use on roof of e.g. camping car, has blades inflated to modify spacing between reinforcement elements from deployed position to folded position
US2012039712 A1 20120216	FR20100060225 20101208	F03D9/00; B60K16/00; F03D3/06; F03D7/06	PEUGEOT CITROEN AUTOMOBILES SA [FR]	Wind power device for use on roof of e.g. camping car, to transform wind energy into e.g. electrical energy, has blades including unit to unroll or roll up blades according to appreciably horizontal direction to deploy or fold up blades
US2012039714 A1 20120216	IT2009MI01028 20090610; WO2010EP58140 20100610	F03D11/00	WILIC S AR L [LU]	Wind power electricity generating system and relative control method

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US2012039715 A1 20120216	IT2009MI01029 20090610	F03D11/00; F03D7/00; G01P3/38; G01P5/00; H02P9/00	WILIC S AR L [LU]	Wind power electricity generating system and relative control method using an image sensor facing a rotary assembly surface
US2012039720 A1 20120216	JP20100148813 20100630	F03D9/00; F03D9/02	HIKARI ENERGY KAIHATSU KENKYUSHO KK M	WIND POWER ENERGY RECOVERY FLOATING SHIP
US2012043761 A1 20120223	CN20112262077U 20110722	F03D11/00	JIANGYIN LIAOYUAN FORGING CO LTD	Wind power forged flange ring piece
US2012045327 A1 20120223	CN20111351384 20111109	F16H1/32; F03D11/02; F16H57/02; F16H57/029	Hangzhou Advance Wind-power Gearbox Co., Ltd.	Wind power gear speed increase box
US2012045328 A1 20120223	CN20101565139 20101125	F03D9/00; F03D7/00; H02J3/38; H02J7/00; H02N6/00	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind power generating and wind-solar complementary generating system
US2012045329 A1 20120223	KR20110071635 20110719	F03D3/06; F03D11/00		WIND POWER GENERATING APPARATUS EQUIPPED WITH WINDMILL FOR PREVENTING BACKLASHING
US2012045330 A1 20120223	KR20100087607 20100907	F03D9/00; F03D3/02; F03D11/02; F24F7/00	IWE KOREA CO LTD [KR]	WIND POWER GENERATING APPARATUS INSTALLED WITHIN VENTILATION
US2012045332 A1 20120223	CN20112178434U 20110518	F03D1/00; F03D1/06; F03D11/00; F03D11/04; F03G6/06	Yuan Hong	Wind power generating device
US2012045333 A1 20120223	US20100856509 20100813	F03D9/02; F03D11/00; H02J7/32	CHEN TZENG-YUAN [TW]; KUAN YEAN-DER [TW]; LIAO YI-TING [TW]	WIND POWER GENERATING DEVICE FOR USE WITH A VEHICLE

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US2012045336 A1 20120223	CN20111355579 20111111	F03D9/00; B60K16/00; F03D1/00; F03D1/04; H02J7/00	Chen Jing;Chen Pei	Wind power generating device for vehicle
US2012045345 A1 20120223	KR20100120780 20101130	F03D9/00; F03D3/04		wind power generating device mounted on the building
US2012047886 A1 20120301	CN20101510378 20101015	F03D9/00; F03D1/04; F03D1/06	Han Lamei	Wind power generating equipment
US2012047976 A1 20120301	CN20111332849 20111028	F03D9/02	Dalian Chuanli Precision Machinery Co., Ltd.	Wind power generating equipment
US2012049518 A1 20120301	US20100856479 20100813	F03D9/00; F03D9/02	CHEN TZENG-YUAN [TW]; LIAO YI-TING [TW]	WIND POWER GENERATING MODULE FOR USE WITH ELECTRIC SCOOTER
US2012049521 A1 20120301	CN20112264531U 20110725	F03D11/00; F03D7/04; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind power generating set and blade de-icing device thereof
US2012049525 A1 20120301	KR20100103943 20101025	F03D7/00; F03D11/00; H02P9/04	KYUNGPOOK NAT UNIV IND ACAD [KR]	WIND POWER GENERATING SYSTEM
US2012049528 A1 20120301	CN20112391186U 20111014	F03D9/02; F03B13/00; F03D1/06	Zhu Yongbo	Wind power generating system driven by water power
US2012049529 A1 20120301	KR20100118477 20101126	B60H1/00	HYUNDAI MOTOR CO LTD [KR]	WIND POWER GENERATING SYSTEM FOR VEHICLE USING MOTOR FOR COOLING FAN
US2012049530 A1 20120301	KR20100097177 20101006	F03D3/02; F03D3/04; F03D11/00; F03D11/04	JK ENGINEERING & CONSTRUCTION CO LTD [KR]; SONG SOO YUN [KR]	WIND POWER GENERATING TOWER
US2012049531 A1 20120301	KR20100121707 20101130	F03D3/02; F03D3/04; F03D11/00		Wind power generation apparatus
US2012049532 A1 20120301	JP20100262937 20101125	F03D3/04; F03D7/06	EPIA KK	WIND POWER GENERATION APPARATUS

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US2012049534 A1 20120301	JP20100141541 20100622	F03D11/00	FUJI HEAVY IND LTD [JP]	WIND POWER GENERATION APPARATUS
US2012049536 A1 20120301	JP20100150582 20100630	F03D11/00; F03D1/06	mitsubishi heavy ind ltd [JP]; SATO SHINSUKE [JP]; HIRAI SHIGETO [JP]; ISHIGURO TATSUO [JP]	WIND POWER GENERATION APPARATUS
US2012049619 A1 20120301	JP20100146388 20100628	F03D11/00	mitsubishi heavy ind ltd [JP]; NODA YOSHITOMO [JP]; SEKI SEITA [JP]; YANO AKIHIKO [JP]	WIND POWER GENERATION APPARATUS
US2012051907 A1 20120301	JP20100149096 20100630	F03D11/00	mitsubishi heavy ind ltd [JP]; MATSUO TAKESHI [JP]; MIYAMOTO SHINICHI [JP]	WIND POWER GENERATION APPARATUS
US2012051912 A1 20120301	JP20100240220 20101027	F03D7/04; F03D1/06; F03D9/00	SINFONIA TECHNOLOGY CO LTD	WIND POWER GENERATION APPARATUS AND BLADE PITCH ANGLE CONTROL DEVICE THEREOF
US2012051936 A1 20120301	KR20120011151 20120203	F03D3/00; F03D3/06; F03D11/00	HANLIM [KR]	WIND POWER GENERATION APPARATUS FOR LOW WIND SPEED
US2012055160 A1 20120308	KR20110113716 20111103	F03D11/00; F03D3/06		Wind Power Generation Apparatus for Low Wind Speed Wind Power Generation Apparatus for Low Wind Speed and Wind Power Generation System Using The Same and Wind Power Generation System Using The Same
US2012056428 A1 20120308	CN20112319139U 20110830	F03D9/02; F03D3/04; F03D11/02	Tianjin University of Technology	Wind power generation apparatus for machine tool

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US2012056603 A1 20120308	JP20090129111 20090528; WO2010JP59149 20100528	F03D7/02; H02P9/00	ZEPHYR CORP [JP]	Wind power generation control device and wind power generation control method
US2012057974 A1 20120308	JP20090214165 20090916; WO2010JP65845 20100914	H02P9/00; F03D7/00; F03D7/04; F03D9/00	ZEPHYR CORP [JP]	Wind power generation device
US2012057978 A1 20120308	TW100224156U 20111221	F03D3/04	FUNG GIN DA ENERGY SCIENCE AND TECHNOLOGY CO LTD [TW]	Wind power generation device
US2012057984 A1 20120308	TW100221940U 20111118	F03D3/00	UNIV CHIENKUO TECHNOLOGY [TW]	Wind power generation device
US2012060351 A1 20120315	TW100210443U 20110609	F03D1/00	LIAO GUO-ZHEN [TW]	Wind power generation device
US2012060736 A1 20120315	WO2010JP70878 20101124	F03D9/00	YOKOGAWA DENSHIKIKI CO LTD [JP]; TAMAKI SHIGERU [JP]; ANYOUJI AKIHIKO [JP]	WIND POWER GENERATION DEVICE
US2012061522 A1 20120315	CN20112405175U 20111023	F03D9/00; F03D3/06	Guizhou Huake Aluminum Material Engineering Technology Research Co., Ltd.	Wind power generation device
US2012061958 A1 20120315	CN20112375095U 20110928	F03D9/00; F03D1/02; F03D1/06	Sikao Motor (shanghai) Co., Ltd.	Wind power generation device
US2012061959 A1 20120315	CN20112295605U 20110816	F03D3/02; F03D3/06; F03D11/00	XIANHUO LIN	Wind power generation device
US2012061960 A1 20120315	CN20112234047U 20110705	F03D9/02; F03D1/02;	GUOZHEN LIAO	Wind power generation device

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US2012061961 A1 20120315	CN20101213831 20100630	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Liu Shouxi;Liu Feng;Liu Bing	Wind power generation device
US2012061962 A1 20120315	JP20100150474 20100630	F03D11/00	mitsubishi heavy ind ltd [JP]; hirai shigeto [JP]; sato shinsuke [JP]; ishiguro tatsuo [JP]	WIND POWER GENERATION DEVICE
US2012061968 A1 20120315	CN20112329042U 20110905	F03D9/02; F03G6/06	LISEN CHU	Wind power generation device adopting air compression energy storage and redundant electricity storage device
US2012061969 A1 20120315	JP20100189492 20100826	F03D7/06; F03D11/00	WIND SMILE CO LTD [JP]; ADC TECHNOLOGY INC [JP]; FUKUDOME SHUZO [JP]	WIND POWER GENERATION DEVICE AND OPERATION METHOD OF WIND POWER GENERATION DEVICE
US2012061970 A1 20120315	CN20112336380U 20110908	F03D9/00; F01N1/08; F03D11/00; F03G6/06	Zhou Dengrong;Zhou Jian	Wind power generation device for air duct well power station and comprehensive energy air duct well power station
US2012061971 A1 20120315	CN20112296049U 20110816	F03D9/00; F03D5/00	CHUNFA ZHOU	Wind power generation device in air
US2012061972 A1 20120315	KR20100096370 20101004	F03D3/06; F03D11/00	SAMJUNG EW [KR]; LEE SUN HONG [KR]	WIND POWER GENERATION DEVICE INCLUDING A RING-SHAPED WING
US2012063890 A1 20120315	KR20100128265 20101215	F03D9/00; F03D11/00; F03G7/08	DARI [KR]	WIND POWER GENERATION DEVICE USING PVDF(POLYVINYLIDENE FLUORIDE) FILM PIEZOELECTRIC ELEMENT
US2012063896 A1 20120315	CN20111336573 20111031	F03D9/00; F03D7/02	Shaoxing University	Wind power generation device with anti-overloading device
US2012063898 A1 20120315	CN20112398416U 20111019	F03D9/00; F03D1/04; F03D7/02	Shaoxing University	Wind power generation device with controllable wind power

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US2012063900 A1 20120315	CN20112253018U 20110718	F03D9/02; F03D11/00; H02J7/00; H02N6/00	DEZHAO LI	Wind power generation device with spherical double-speed cavity turbine
US2012063901 A1 20120315	WO2010JP59225 20100531	F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATION DEVICE, GEAR TRANSMISSION MECHANISM, AND GEAR-MESHING CONTROL METHOD
US2012063902 A1 20120315	CN20101525073 20101029	F03D1/06; F03D9/00	Xi'an Shenke Electronic Institute	Wind power generation double-blade threo device
US2012063910 A1 20120315	CN20112417770U 20111028	F03D9/02	Dalian Chuanli Precision Machinery Co., Ltd.	Wind power generation equipment
US2012063915 A1 20120315	CN20111392799 20111201	F03D9/00; F03D11/00	Xi'an Ruijinyuan Energy Technology Co., Ltd.	Wind power generation equipment
US2012063929 A1 20120315	CN20111148490 20110518	F03D9/02; F03D3/00; F03D3/06; F03D11/00; F24J2/06; H02K7/18	Yuan Hong	Wind power generation equipment
US2012066154 A1 20120315	CN20112339870U 20120201	F03D11/00; F03D11/02	Fujian Jinlingda Motor Technology Co., Ltd.	Wind power generation equipment and wind generating set system
US2012067152 A1 20120322	CN20101550903 20101118	F03D7/00; F03D9/00	SANY ELECTRIC CO LTD [CN]	Wind power generation equipment and yawing driving mechanism thereof
US2012068465 A1 20120322	CN20112261389U 20110722	F03D9/02; F03D3/06; G09F7/00	Sun Shanjun	Wind power generation equipment of billboard
US2012068466 A1 20120322	CN20101247689 20100803	F03D1/06	Zhou Feifei	Wind power generation impeller provided with oblique holes
US2012068467 A1 20120322	CN20101247699 20100803	F03D1/04	Zhou Feifei	Wind power generation induced fan
US2012068468 A1 20120322	DE20021045078 20020927	F03D11/04; F03D1/00	WOBLEN ALOYS [DE]	WIND POWER GENERATION INSTALLATION

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US2012068472 A1 20120322	CN20112256010U 20110718	F03D9/00; B60L8/00; F03D5/02; F03D11/02; F16H37/00	Lin Kexiang	Wind power generation mechanism and electro-car equipped with the same
US2012068670 A1 20120322	KR20100073021 20100728	F03D11/00; H02J3/00	SAMSUNG HEAVY IND [KR]	WIND POWER GENERATION PARK SYSTEM
US2012070273 A1 20120322	CN20101275431 20100901	F03D9/00; F03D11/00; F16H57/04; H02K9/04; H05K7/20	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]; TAN CHUANGHUI [CN]	WIND POWER GENERATION SET FOR ENVIRONMENT OF HIGH HUMIDITY DISTRICT
US2012070280 A1 20120322	CN20112082655U 20110325	F21S9/04; F03D3/06; F03D9/00; F21V23/06	Sun Shanjun	Wind power generation streetlamp
US2012070281 A1 20120322	US20090251844P 20091015; WO2010US29077 20100329	G06F19/00	SMITH DANNY	Wind power generation system
US2012070282 A1 20120322	CN20111398230 20111202	F03D7/00; G08C17/02	Zhang Huazhou	Wind power generation system
US2012070285 A1 20120322	CN20111298524 20110928	F03D9/00; F03D1/06; F03D7/04; F03D11/02	JIANGSU JUYUAN WIND POWER TECHNOLOGY CO LTD	Wind power generation system

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US2012070286 A1 20120322	WO2010JP04299 20100630	F03D7/04; H02P9/00	HITACHI LTD [JP]; SAKAMOTO KIYOSHI [JP]; YANAGIBASHI TAKUJI [JP]; HASEGAWA TSUTOMU [JP]; ICHINOSE MASAYA [JP]; MATSUNOBU TAKASHI [JP]; AZEGAMI KENICHI [JP]; UCHIYAMA NORIYUKI [JP]	WIND POWER GENERATION SYSTEM AND WIND POWER GENERATION SYSTEM CONTROLLING METHOD
US2012070293 A1 20120322	CN20101533884 20101105	F03D9/00; F03D3/02; F03D3/06; F03D11/04	Hu Guangsheng	Wind power generation system arranged in three-dimensional matrix and construction method for wind power generation system
US2012070294 A1 20120322	CN20112339935U 20110905	F03D9/02; F03D7/00	Zhang Jianlin	Wind power generation system boosted by compressed air
US2012070295 A1 20120322	KR20100108295 20101102	F03D9/00; F03D1/04	WORLD K & AMP MIDDOT D TECH CO LTD [KR]	WIND POWER GENERATION SYSTEM FOR ELECTRIC VEHICLE
US2012070296 A1 20120322	CN20101212297 20100629	F03D9/00; F03D3/00; F03D3/04; F03D3/06; F03D11/00; H02K7/18	Wu Kangwang;Huang Fengnian	Wind power generation system of vertical tower shaft with helical-structure fan blades
US2012073906 A1 20120329	US201113306808 20111129	F03D9/00	GEN ELECTRIC [US]	WIND POWER GENERATION SYSTEMS INCLUDING SEGMENTED STATORS
US2012074700 A1 20120329	JP20100270862 20101117	H02N11/00; F03D9/00; F03D9/02	UCHIUMI SHIGERU; ISHII KOICHI	WIND POWER GENERATION TYPE AIR POWER DEVICE
US2012074701 A1 20120329	KR20100090159 20100914	F03D3/04; F03D3/06; F03D9/00; F03D11/00	SAMYOUNG E & AMP G CO LTD [KR]	WIND POWER GENERATION USING DRIVE WIND FORCE OF CAR

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US2012074705 A1 20120329	EP20060022558 20061028; WO2007EP09331 20071026	F03D1/04	MARIA HORNIG	WIND POWER GENERATION USING FLOW CHANNEL WITH SECTIONS INCLUDING ACCELERATORS
US2012074706 A1 20120329	KR20100093840 20100928	F03D9/00; F22B33/18; F23J3/04; F25J3/04	KOREA ELECTRIC POWER CORP [KR]	WIND POWER GENERATION USING NITROGEN GAS
US2012074708 A1 20120329	CN20112356230U 20110916	E01F15/02; E01F9/00; F03D9/00	Cai Jinhong	Wind power generation warning guardrail
US2012074709 A1 20120329	CN20112135573U 20110503	F03D9/00; F03B13/00	Zhao Gang	Wind power generation water-carrying hydraulic energy generating set
US2012074712 A1 20120329	KR20100011477U 20101108	F03D1/00; F03D11/02		wind power generation with linear generation
US2012074930 A1 20120329	CN20111233729 20110816	F03D9/00; E02B9/08; E04H5/02; F03B13/26; H02N6/00	Li Wei	Wind power generation, tidal powder generation, solar power generation and sea water desalinization combined production device in coastal areas
US2012076664 A1 20120329	KR20100129699 20101217	F03D3/04; F03D11/00	AN KYUNG SANG [KR]; AN SUNG WON [KR]; AN TAE BEOM [KR]	WIND POWER GENERATOR
US2012080886 A1 20120405	KR20100127412 20101214	F03D1/04; F03D1/02; F03D11/00	EURO KOREA [KR]; JEONG JUN IK [KR]	WIND POWER GENERATOR
US2012080887 A1 20120405	TW100224697U 20111227	F03D11/00	LEE CHENG-EN [TW]	Wind power generator
US2012082560 A1 20120405	JP20100247963 20101104	F03D1/02; F03D1/06; F03D9/00; F03D11/02	KONSUTO KK	WIND POWER GENERATOR

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US2012082562 A1 20120405	KR20110085491 20110826	F03D1/00; F03D7/02; F03D11/02	LEE CHANG SOO [KR]; NMS CO LTD [KR]	WIND POWER GENERATOR
US2012085387 A1 20120412	WO2009JP64424 20090818	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR
US2012085643 A1 20120412	JP20100227920 20100921	F03D7/04	AMITY ENERGY SOLUTION KK	WIND POWER GENERATOR
US2012086210 A1 20120412	KR20100101010 20101015	F03D9/00; F03D1/02; F03D1/04; F03D3/04	LEE WHA LANG [KR]	WIND POWER GENERATOR
US2012086211 A1 20120412	KR20100100987 20101015	F03D9/00; B60L8/00	LEE WHA LANG [KR]	WIND POWER GENERATOR
US2012086212 A1 20120412	KR20100094141 20100929	F03D3/00; F03D11/00; F03D11/02	PARK HYUN CHUL [KR]	WIND POWER GENERATOR
US2012086213 A1 20120412	CN20101534786 20101108	F03D9/00; F03D1/06; F03D3/06; F03D11/00	GUANGDONG TENFO ELECTRICAL GROUP CO LTD	Wind power generator
US2012086214 A1 20120412	JP20100198827 20100906	F03D1/06; F03D11/00	SUGINOBU KO	WIND POWER GENERATOR
US2012086215 A1 20120412	WO2009JP62513 20090709	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR
US2012086279 A1 20120412	WO2009JP62459 20090708	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR
US2012087520 A1 20120412	JP20100243064 20101029	F03D1/06	FUJI HEAVY IND LTD [JP]	Wind power generator
US2012087791 A1 20120412	CN20111393274 20111201	F03D9/00; F03D1/00; F03D1/04; F03D11/00	XI AN RUIJINYUAN ENERGY TECHNOLOGY CO LTD	Wind power generator

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US2012087793 A1 20120412	JP20100217001 20100928	F03D11/00	FUJI HEAVY IND LTD [JP]	Wind power generator
US2012087801 A1 20120412	KR20100074548 20100802	F03D11/00; F03D11/04	KIM JEONG SEOG [KR]; LK AGENT CO LTD [KR]; LEE JON BAE [KR]	Wind Power Generator
US2012090564 A1 20120419	JP20100158006 20100712	F03D7/04; F03D1/06; F03D11/00	KYOSAN ELECTRIC MFG	WIND POWER GENERATOR
US2012090917 A1 20120419	KR20100068883 20100716	F03D3/04; F03D3/02; F03D11/02	KANG SEONG KWANG [KR]	WIND POWER GENERATOR
US2012091712 A1 20120419	KR20100065119 20100707	F03D1/02; F03D11/00; F03D11/02	HAN MYUNG JIN [KR]	WIND POWER GENERATOR
US2012091714 A1 20120419	JP20100149095 20100630	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR
US2012091717 A1 20120419	WO2010JP64058 20100820	F03D11/04	WINPRO CO LTD [JP]; HARA AKIO [JP]	WIND POWER GENERATOR
US2012091719 A1 20120419	CN20112203643U 20110616	F03D9/00; F03D1/06; F03D11/00	SANY ELECTRIC CO LTD [CN]	Wind power generator
US2012091720 A1 20120419	JP20100137470 20100616	F03D1/04; F03D1/06	YASKAWA ELECTRIC CORP	WIND POWER GENERATOR
US2012091725 A1 20120419	JP20100150473 20100630	F03D11/00; F03D11/04	MITSUBISHI HEAVY IND LTD [JP]; SATO SHINSUKE [JP]; ISHIGURO TATSUO [JP]	WIND POWER GENERATOR
US2012091727 A1 20120419	JP20100149096 20100630; WO2011JP61779 20110523	F03D9/00	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR

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US2012093646 A1 20120419	KR20090022061 20090316; WO2010KR02785 20100503	F03D3/06	LEE MIN SUNG [KR]	WIND POWER GENERATOR
US2012093647 A1 20120419	WO2009JP60322 20090605	F03D7/04; H02H5/04	MITSUBISHI HEAVY IND LTD [JP]	WIND POWER GENERATOR AND CONTROL METHOD THEREOF AND WIND POWER GENERATION SYSTEM
US2012093656 A1 20120419	KR20100122731 20101203	F03D9/00; F03D3/06; F03D11/02		wind power generator and street lamp utilizing the same
US2012098262 A1 20120426	CN20112234610U 20110705	F03D3/06	SHENZHEN SUNTOP GREEN ENERGY CO LTD	Wind power generator and wind receiving device thereof
US2012098268 A1 20120426	JP20100271292 20101206	F03D1/00	FUJI HEAVY IND LTD [JP]	Wind power generator and yaw bearing replacement method for a wind power generator
US2012098269 A1 20120426	TW100212205U 20110704	F03D11/00; F04D25/08	EASY FONG ENTPR CO LTD [TW]	Wind power generator apparatus of dual positive/negative pressure industry fan
US2012098270 A1 20120426	KR20100124312 20101207	F03D9/00; F03D3/04	LEE MOUNG-HOON [KR]	WIND POWER GENERATOR FOR AN URBAN AREA
US2012098271 A1 20120426	KR20110049552 20110525	F03D9/00; B60L8/00; F03D1/02	LEE KI SUK [KR]	WIND POWER GENERATOR FOR VEHICLE AND ELECTRIC VEHICLE HAVING THE SAME
US2012099997 A1 20120426	KR20110095883 20110922	F03D9/00; F03D3/00; F03D11/00; F03D11/02	KIM KWAN HO [KR]; KIM JIN GU [KR]	WIND POWER GENERATOR HAVING ACCELERATING MEANS
US2012100002 A1 20120426	KR20100071491 20100723	F03D1/02; F03D11/00; F03D11/02	NELSON JOHN [KR]; BAKER MICHAEL [KR]; WILSON CHRIS [KR]	WIND POWER GENERATOR HAVING EASILY ROTATABLE ROTATING BODY

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US2012104752 A1 20120503	KR20100023951 20100317; KR20100014146 20100217	F03D7/06	LEE IN-NAM [KR]	WIND POWER GENERATOR HAVING WINDMILL WINGS BASED VARIABLE
US2012104755 A1 20120503	CN20101275434 20100901	F03D9/00; F03D1/00; F03D11/00; F16H57/04; H02K9/04	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]; TAN CHUANGHUI [CN]	WIND POWER GENERATOR SET ADAPTING TO HIGH-ALTITUDE ENVIRONMENT
US2012104759 A1 20120503	CN20112306327U 20110822	F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Wind power generator set and cooling device thereof
US2012104763 A1 20120503	KR20090061600 20090707; WO2010KR04389 20100706	F03D9/00	GOO JAEHARK [KR]	WIND POWER GENERATOR USING AN AUTOMATICALLY FOLDABLE CANOPY
US2012104764 A1 20120503	KR20100116800 20101123	F03D9/00; F03D3/02; F03D11/02	SEUNGHWA PREMIUM CONSTRUCTION CO LTD [KR]	WIND POWER GENERATOR USING DRIVE WIND FORCE
US2012107085 A1 20120503	TW101200967U 20120116	F03D1/00	LIAO GUO-ZHEN [TW]	Wind power generator with steering function
US2012107116 A1 20120503	CN20112187486U 20110603	F03D9/00; F03D3/06	BING YI	Wind power generator with vertical shaft
US2012107118 A1 20120503	KR20100124013 20101207	F03D3/04; F03D3/02; F03D11/02	LEE HAK KYUN [KR]	WIND POWER GENERATING UNIT AND WIND POWER GENERATING APPARATUS HAVING THE SAME
US2012107128 A1 20120503	AT20100001309 20100804	F03D3/04	PENZ ALOIS [AT]	WIND POWER INSTALLATION
US2012107129 A1 20120503	AT20100001308 20100804	F03D1/04	PENZ ALOIS [AT]	WIND POWER INSTALLATION
US2012107149 A1 20120503	AT20100001306 20100804	F03D1/04	PENZ ALOIS [AT]	WIND POWER INSTALLATION

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US2012112459 A1 20120510	DE201010031081 20100707	F03D1/00; F03D7/04	SKYWIND GMBH [DE]; RICHERT FRANK [DE]; PFLAUM SEBASTIAN [DE]	WIND POWER INSTALLATION AND METHOD FOR ADJUSTING THE ROTOR ROTATION AXIS
US2012112460 A1 20120510	DE201010003879 20100412	F03D7/02	WOBLEN ALOYS [DE]	Wind power installation azimuth or pitch drive
US2012112461 A1 20120510	DE201010002720 20100310	F03D11/02	WOBLEN ALOYS [DE]	Wind power installation rotor blade
US2012112463 A1 20120510	EP20100016098 20101227	F03D1/00; F03D11/00	AREVA WIND GMBH [DE]	Wind power installation with helicopter hoisting platform
US2012112465 A1 20120510	DE201010033308 20100804	F03D11/00	NCTENGINEERING GMBH [DE]; VON LOEBBECKE BERND [DE]; STEINACHER BASTI [DE]; SEENE CHRISTIAN [DE]	WIND POWER INSTALLATION WITH TORQUE DETECTION
US2012112466 A1 20120510	CN20111322326 20111021	F21L13/02; F03D9/00	Hudong-Zhonghua Shipbuilding (Group) Co., Ltd.	Wind power lighting system for shipboard operation
US2012114482 A1 20120510	US201113292786 20111109; US20100861263 20100823; US20080332313 20081210; US20070012759P 20071210	F03D11/00	SQUARED WIND INC V [US]	WIND POWER NOZZLE WITH INCREASED THROUGHPUT
US2012114484 A1 20120510	CN20111248369 20110826	F03D9/00; F03B3/00; F03B3/18; F03B13/00; F03B13/26; F03D3/02; F03D3/04	Lei Lixu	Wind power or hydraulic power generation device

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US2012114486 A1 20120510	CN20111324042 20111023	F24F5/00; F03D9/00; F24D3/00; F24F11/00; F25B15/00	CHONGQING ELECTRIC POWER CORP	Wind power output scheduling system and method realized by combined control of heat and power cogeneration and refrigeration load
US2012114488 A1 20120510	UA20100013191U 20101105	F03D3/04; F03D3/06; F03D9/00	GORENYUK VIKTOR VASYLYOVYCH [UA]; CHYVILYOV VASYL VIKTOROVYCH [UA]	WIND POWER PLANT
US2012114493 A1 20120510	DE201010043435 20101104	F03D1/00; F03D1/06; F03D11/00; F03D11/02	WOBLEN ALOYS [DE]; FRICKE WERNER [DE]; SARTORIUS FLORIAN [DE]; BAUMGAERTEL CHRISTIAN [DE]; HILDEBRAND ARNO [DE]; GUDEWER WILKO [DE]; GEIKEN PETER [DE]; ROEER JOCHEN [DE]	WIND POWER PLANT
US2012114501 A1 20120510	KZ20100001290 20101020	F03D1/04; F03D1/06; F03D9/00; F03D11/04	BAYSHAGIROV KHAYRULLA ZHAMBAEVICH [KZ]; KARIMBAEV TELMAN DZHAMALDINOVICH [RU]; PETROV YURIY ALEXEEVICH [RU]; APANASEV DMITRY VICTOROVICH [RU]	WIND POWER PLANT
US2012118215 A1 20120517	DE20001022128 20000506	F03D11/00; F03D1/06; H01T1/22; H01T4/00; H02G13/00; H02P9/00; H05F3/02; H05F3/04	WOBLEN ALOYS [DE]	WIND POWER PLANT

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US2012119503 A1 20120517	DE200910004991 20090114; WO2009EP09224 20091222	F03D11/02	FRANK HUBERTUS [DE]	WIND POWER PLANT
US2012119507 A1 20120517	WO2010EP60108 20100714; DE200910028612 20090818	F03D11/02	Zahnradfabrik Friedrichshafen	Wind power plant and method for controlling the operation of a wind power plant
US2012119590 A1 20120517	DE201010045699 20100916	F03D7/04	REPOWER SYSTEMS AG [DE]; PRINZ MATTHIAS [DE]	WIND POWER PLANT AND METHOD FOR THE CONTROLLED SHUTDOWN OF A WIND POWER PLANT
US2012119615 A1 20120517	WO2009EP04106 20090608	F03D11/04	POWERWIND GMBH [DE]	WIND POWER PLANT AND NACELLE THEREFOR
US2012119692 A1 20120517	DE200620005389U 20060331; WO2007EP02940 20070402	F03D9/00; F03D5/00; F03D11/00; F03D11/04	SKYSAILS GMBH & CO KG [DE]	Wind power plant comprising a steerable kite
US2012121340 A1 20120517	WO2010DK50332 20101207; US20090286415P 20091215; DK20090001327 20091215	F03D7/04	VESTAS WIND SYS AS [DK]	WIND POWER PLANT CONTROLLER FOR AVOIDING COMMON CAUSE SHUTDOWN
US2012121379 A1 20120517	IT2009MI02007 20091116; WO2010EP67431 20101115	F03D1/00; E04H12/18; F03D11/04	WILIC S AR L [LU]	Wind power plant for producing electric energy, and relative pylon construction method

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US2012121380 A1 20120517	DE201010026580 20100708	F03D3/02; F03D3/04	STEEL DENNIS PATRICK [DE]	Wind power plant for use in wind part and wind farm for power generation in multistoried buildings, has radial turbine subdivided into segments with single turbine, where speeds and torques of single turbine are independent from each other
US2012121396 A1 20120517	DE200910037239 20090812; WO2010EP04931 20100812	H02P9/04	REPOWER SYSTEMS SE [DE]	WIND POWER PLANT HAVING AN ADJUSTABLE POWER RESERVE
US2012121398 A1 20120517	FI20100005890 20100826	F03D11/00; F03D1/00; F03D9/00; F03D11/02; F16H1/00	WINWIND OY [FI]; TARULA VESA [FI]; SIVILL KALLE [FI]; RAUTIO ANTTI [FI]; JOKINEN JUHANI [FI]	WIND POWER PLANT STRUCTURE
US2012121414 A1 20120517	DE200810024351 20080520; WO2009EP03609 20090520	F03D11/02; F03D11/00	GIGER URS [CH]	WIND POWER PLANT, TRANSMISSION FOR A WIND POWER PLANT AND FLEXPIN
US2012121416 A1 20120517	CN20112197023U 20110613	F03D7/00; H04L12/40	REENERGY ELECTRIC SUZHOU CO LTD	Wind power propeller change controlling system with controller area network (CAN) communication system
US2012121419 A1 20120517	CN20111444267 20111227	F03D11/00	Dongfang Turbine Co., Ltd., Dongfang Electric Corporation	Wind power sectional-type blade
US2012121420 A1 20120517	CN20112337557U 20110909	F03D11/00; F16H1/04	CHONGQING GEARBOX CO LTD	Wind power speed increasing box with slow driving device
US2012121429 A1 20120517	CN20111333088 20111027	F03D11/00	Zhenjiang Mingrun Information Technology Co., Ltd.	Wind power station equipment status inspection device
US2012124984 A1 20120524	WO2010EP55860 20100429; IT2009MI00725 20090429	F03D11/00; H02G13/00	WILIC S AR L [LU]	WIND POWER SYSTEM FOR GENERATING ELECTRIC ENERGY

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US2012125709 A1 20120524	KR20100096901 20101005	F03D11/00; F03D1/06	KIM BYUNG MAN [KR]	WIND POWER SYSTEM HAVING ROTATION STRUCTURE USING ECCENTRICITY OF GRAVITY
US2012126665 A1 20120524	KR20110103954 20111012	F03D9/00; F03D3/00; F03D3/04; F03D11/00	NASA CO LTD [KR]	WIND POWER SYSTEM USING STEEL TOWER
US2012128488 A1 20120524	IT2010MI00531 20100330	F03D11/00; B23P11/00	WILIC S AR L [LU]	WIND POWER TURBINE AND METHOD OF REMOVING A BEARING FROM A WIND POWER TURBINE
US2012128496 A1 20120524	IT2009MI00119 20090130	B65D61/00; B65D81/05; B66C1/62; F03D11/00	WILIC S AR L [LU]	Wind power turbine blade packing and packing method
US2012128499 A1 20120524	IT2010MI00694 20100422	F03D9/00	WILIC S AR L [LU]	WIND POWER TURBINE ELECTRIC GENERATOR AND WIND POWER TURBINE EQUIPPED WITH AN ELECTRIC GENERATOR
US2012128500 A1 20120524	IT2010MI00170 20100204	F24H3/00; F03D9/00	WILIC S AR L [LU]	WIND POWER TURBINE ELECTRIC GENERATOR COOLING SYSTEM AND METHOD AND WIND POWER TURBINE COMPRISING SUCH A COOLING SYSTEM
US2012130678 A1 20120524	CN20111395454 20111203	F03D9/00; F03D3/02; F03D3/06	SUZHOU FANGJIYUAN ENERGY SAVING TECHNOLOGY CO LTD	Wind power utilization structure on building facade
US2012131880 A1 20120531	CN20111317945 20111019	F03D9/00; F03D1/04; F03D7/04	Shaoxing University	Wind power-controllable wind power generation device
US2012132117 A1 20120531	CN20111335824 20111028	F24J2/08; F03D9/00; F24J2/38; F24J2/40; F24J2/51	Dalian Maritime University	Wind power-driven Free solar energy focusing hot wind device
US2012132411 A1 20120531	GB20100014221 20100825	F03D1/04; F03D11/04	ULTRA GREEN INTERNAT LTD [GB]	Wind powered generator

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US2012132751 A1 20120531	KR20120001201 20120104	F03D3/04; F03D11/00	PRO ENG INEER ING CO LTD [KR]	WIND POWERED GENERATOR APPARATUS
US2012133137 A1 20120531	US201013145905 20100122; US20090147009P 20090123; WO2010CA00103 20100122	F03D9/00; F02B65/00; H02P9/04	HALL RONALD [CA]; BALL JOHN BRADLEY [CA]; BRUNET ROBERT ALLEN HENRY [CA]	Wind Powered System for Reducing Energy Consumption of a Primary Power Source
US2012133141 A1 20120531	PL20110396223 20110905	F03D11/04; F03D3/02; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Wind roof driving system
US2012133142 A1 20120531	PL20110396222 20110905	F03D11/04; F03D3/02; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Wind roof driving system
US2012133143 A1 20120531	PL20110396220 20110905	F03D11/04; F03D3/02; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Wind roof driving system
US2012133144 A1 20120531	US201113134049 20110527; US20100456876P 20101115	F03D11/02	SAUER JR DIETER [US]	Wind sail turbine
US2012133145 A1 20120531	CN20111352033 20111109	F03D7/02	Baoding Tianwei Wind Power Technology Co., Ltd.	Wind speed and wind direction sharing system of wind electric field set
US2012133146 A1 20120531	CN20112201676U 20110615	F03D3/00; F03D3/06	JIASHUI ZHANG	Wind taking mechanism in wind power generating system
US2012133147 A1 20120531	CN20112336341U 20110908	F03D11/00; F01N1/08; F03D9/00; F03G6/06	DENGRONG ZHOU; JIAN ZHOU	Wind tower structure for comprehensive energy duct well power station
US2012133149 A1 20120531	JP20100238048 20101022; JP20110230767 20111020	F03D1/04	KITAMI INST OF TECHNOLOGY	WIND TUNNEL BODY, VERTICAL AXIS WIND TURBINE, STRUCTURE, WIND POWER GENERATOR, HYDRAULIC DEVICE, AND BUILDING

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US2012133152 A1 20120531	CN20111358903 20111114	F03D9/00; F03D11/04	Zhengzhou Ouya Transmission Equipment Co., Ltd.	Wind tunnel electric-power generation system
US2012133154 A1 20120531	US20100957599 20101201; US201113273561 20111014	F03D3/04; F03D11/00	DVORAK JIM [US]	WIND TURBINE
US2012134803 A1 20120531	KR20090134940 20091230; WO2010KR09413 20101228	F03D1/00; F03D11/02	YOON JEEN	Wind turbine
US2012134804 A1 20120531	DE200910052493 20091111; WO2010DE01242 20101020	F03D1/02; F03D7/02; F03D9/00; F03D11/02	EES GMBH	Wind turbine
US2012134805 A1 20120531	US201013203659 20100208; US20090208752P 20090228; WO2010US00330 20100208	H02P9/06; F03D11/02	ENER2 LLC [US]	WIND TURBINE
US2012134807 A1 20120531	EP20100158262 20100329; WO2011EP50704 20110119	F03D9/00	ALSTOM WIND S L U [ES]	Wind Turbine
US2012134808 A1 20120531	GB20100019693 20101119	F03D3/06; F03D7/02; F03D11/00	VESTAS WIND SYS AS [DK]	Wind turbine
US2012134809 A1 20120531	WO2010UA00040 20100708; UA20090007348 20090713	F03D1/02; F03D9/00	TOVARYSTVO Z OBMEZHENOYU VIDPOVIDALNISTYU PK TEHNOLOGICHNE B CONCORD [UA]	WIND TURBINE

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US2012134810 A1 20120531	EP20010058264 20100329; WO2011EP50707 20110119	F03D11/04	ALSTOM WIND S L U [ES]	Wind Turbine
US2012134811 A1 20120531	EP20100190945 20101112	F03D9/00; H02K7/18	STX HEAVY IND CO LTD [KR]	Wind turbine
US2012134812 A1 20120531	KZ20100001080 20100827	F03D3/06	ARDAKE CUDLEBIEKOVICH KUSAINOFF	Wind turbine
US2012134813 A1 20120531	US20100898182 20101005	F03D3/06; F03D11/00	KOTLER ANDREY [IL]	Wind turbine
US2012134814 A1 20120531	US20090179903P 20090520; US20090179968P 20090520; US20100714913 20100301; US20100714982 20100301; WO2010US35501 20100520	F03D1/06C; F03D9/02B; H02K7/18A2W; Y02E10/72; Y02E10/72B; Y02E10/72H	E NET LLC [US]	WIND TURBINE
US2012134815 A1 20120531	PL20100392473 20100922	F03D3/02; F03D3/06; F03D11/04	UNIV WARMINSKO MAZURSKI W OLSZTYNIE [PL]	Wind turbine
US2012134817 A1 20120531	ES20100001259 20100930	F03D3/00; F03D7/00; F03D7/06	ALMAZAN ACEBO JORGE [ES]	WIND TURBINE
US2012134827 A1 20120531	WO2010EP57061 20100521; FR20090053464 20090526	F03D1/06	ROTY ET FILS ETS [FR]	WIND TURBINE

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US2012134831 A1 20120531	US20090269183P 20090622; WO2010US39487 20100622	F03D1/00	STIMM KEAN W [US]	Wind turbine
US2012134833 A1 20120531	KR20110032685 20110408; KR20100084454 20100831	F03D3/06; F03D11/00	KIM EUN-JUNG [KR]; KIM MIN- SEOK [KR]	WIND TURBINE
US2012134836 A1 20120531	HU20100000459 20100831; HU20100000506 20100916	F03D3/02; F03D3/04	MATRAHAZI JANOS [HU]	WIND TURBINE
US2012134837 A1 20120531	CN20112238415U 20110707	F03D11/00; F16J15/32	SINOVEL WIND GROUP JIANGSU CO LTD [CN]	Wind turbine
US2012134838 A1 20120531	US201113289461 20111104; US20090432083 20090429; US20080125865P 20080429	F03D9/00; F03D3/06	ABSOLUTE TURN INC [US]	Wind Turbine
US2012134840 A1 20120531	US201113215954 20110823	F03D9/00	SCHOLTE-WASSINK HARTMUT ANDREAS [DE]	WIND TURBINE
US2012134841 A1 20120531	RO20100000741 20100816	B60L8/00	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU OPTOELECTRONICA INST DE CERCETARI [RO]	WIND TURBINE
US2012134846 A1 20120531	WO2010US31560 20100419; US20090426494 20090420	F03D1/06	BARBER GERALD L [US]	WIND TURBINE

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US2012136630 A1 20120531	EP20090160062 20090512; WO2010EP56425 20100511	F03D11/02	ALSTOM WIND S L U [ES]	Wind Turbine
US2012137623 A1 20120607	DE201020011596U 20100817; DE201010048815 20101020	F03D3/04	SCHEID RALF [DE]; HELM THOMAS [DE]; LEISCH NORBERT [DE]	Wind turbine
US2012137684 A1 20120607	WO2010US29079 20100329; US20090425358 20090416; US20090629714 20091202	F03D1/04; F03D1/06	FLODESIGN WIND TURBINE CORP [US]	WIND TURBINE
US2012139241 A1 20120607	US201113221656 20110830; WO2010US39487 20100622; US20090269183P 20090622; US20100402451P 20100830	F03D3/06	STIMM KEAN W [US]	WIND TURBINE
US2012139242 A1 20120607	PL20100391611 20100624	F03D3/04; F03D3/06; F03D7/06	PALMA ANDRZEJ [PL]	Wind turbine
US2012139244 A1 20120607	CN20101192976 20100527; CN20112163139U 20110520	F03D3/06; F03D3/04	Zhang Junhua	Wind turbine
US2012139247 A1 20120607	EP20100382190 20100712	F03D11/02	ALSTOM WIND S L U [ES]; CASTELL MARTINEZ DANIEL [ES]	WIND TURBINE

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US2012139253 A1 20120607	EP20100382189 20100712	F03D11/02	ALSTOM WIND S L U [ES]; CASTELL MARTINEZ DANIEL [ES]; CASANOVAS BERMEJO CARLOS [ES]; CANEDO PARDO SANTIAGO [ES]	WIND TURBINE
US2012139254 A1 20120607	UA20100012027 20101011	F03D3/00; F03D3/06	KUDRIASHEV VLADYSLAV YEVGUENOVITCH [UA]; TKACHENKO VIACHESLAV MYKOLAYOVITCH [UA]	WIND TURBINE (EMBODIMENTS)
US2012139256 A1 20120607	EP20100180998 20100928	F03D11/00; F16F9/53; F16F13/30; F16F15/027; F16F15/03; F16H57/025	SIEMENS AG [DE]	WIND TURBINE ACTIVE DAMPING ARRANGEMENT
US2012139259 A1 20120607	US201213355624 20120123; US20100886518 20100920	F03D9/00	MORRISON DANIEL E [US]	WIND TURBINE ALTERNATOR MODULE
US2012139350 A1 20120607	US20100886518 20100920	F03D9/00; F03D1/00; F03D11/00	MORRISON DANIEL E [US]	WIND TURBINE ALTERNATOR MODULE
US2012139351 A1 20120607	US20100856024 20100813	F03D11/04	GEN ELECTRIC [US]	Wind turbine anchor element
US2012139353 A1 20120607	US20100872659 20100831	F03D11/00; F03D7/02	GEN ELECTRIC [US]	Wind turbine and method for controlling a wind turbine
US2012141267 A1 20120607	JP20100257879 20101118	F03D7/04; F03D11/00	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE AND METHOD FOR DAMPING VIBRATION OF THE SAME

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US2012141268 A1 20120607	WO2009EP67396 20091217; EP20080172789 20081223	F03D9/00; F03D7/02; F03D11/00	XEMC DARWIND B V [NL]	Wind turbine and method for monitoring the gap length between a rotor and a stator of the wind turbine generator
US2012141269 A1 20120607	US20100826331 20100629	F03D7/04; F03D9/00	GEN ELECTRIC [US]	Wind turbine and method for operating a wind turbine
US2012141270 A1 20120607	US20100825951 20100629	F03D7/02	GEN ELECTRIC [US]	Wind turbine and method for operating a wind turbine
US2012141271 A1 20120607	DE201010051675 20101117	F03D9/00; F03D11/00	REPOWER SYSTEMS AG [DE]; MATZEN BJOERN [DE]; NIETMANN LARS [DE]; BOETTGER JAN [DE]; SCHLURICKE SEBASTIAN [DE]	WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE WITH TEMPERATURE MONITORING OF THE TRANSFORMER
US2012141272 A1 20120607	EP20100190335 20101108	F03D9/02; F03D7/00; F03G3/08; F16F15/30	SIEMENS AG [DE]	WIND TURBINE AND METHOD OF CONTROL OF A WIND TURBINE
US2012141274 A1 20120607	WO2009JP64523 20090819	F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE AND METHOD OF DEICING WIND TURBINE BLADE
US2012141275 A1 20120607	KR20100091620 20100917	F03D7/00; F03D7/04; F03D11/00	KOREA ADVANCED INST SCI & TECH [KR]	WIND TURBINE AND PITCH CONTROL METHOD FOR BLADE OF WIND TURBINE
US2012141278 A1 20120607	US20100885001 20100917	F03D3/00; F03D9/00; F03D11/00; F03D11/04	CWIERTNIA ERIC [US]; STENNETT CHRISTOPHER [US]; KLEIN KRISTOFER [US]	Wind turbine apparatus, wind turbine system and methods of making and using the same
US2012141279 A1 20120607	EP20100290529 20101001	F03D11/04; F03D11/00	ADRIAN THOMPSON [FR]	Wind turbine appartus
US2012141281 A1 20120607	KR20100129034 20101216	B25J13/08; B25J5/00; F03D11/00	SAMSUNG HEAVY IND [KR]; PARK YOUNGJUN [KR]; HA YOUNGYOUL [KR]	WIND TURBINE ASSEMBLY AND MANAGEMENT ROBOT AND WIND TURBINE SYSTEM INCLUDING SAME

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US2012141286 A1 20120607	KR20100110067 20101105; KR20100090076 20100914; KR20100090074 20100914; KR20100090073 20100914	B63B27/00; B63B25/22; B63C3/08; B63H21/36; F03D11/00	DAEWOO SHIPBUILDING & MARINE [KR]; KIM BYUNG JUN [KR]; KO JAE CHEOL [KR]; YOO SUNG MO [KR]	WIND TURBINE ASSEMBLY MOVING DEVICE AND METHOD FOR LOADING/UNLOADING WIND TURBINE ASSEMBLY USING SAME
US2012141287 A1 20120607	KR20100129912 20101217	F03D7/00; F03D11/00	SAMSUNG HEAVY IND [KR]	WIND TURBINE BEING ABLE TO SENSOR AUTO- CALIBRATION AND WIND TURBINE AUTO-CALIBRATION AND CONTROL METHOD
US2012144828 A1 20120614	WO2010EP56804 20100518; EP20090160493 20090518; EP20100720912 20100518	F03D1/06	LM GLASFIBER AS [DK]	WIND TURBINE BLADE
US2012145125 A1 20120614	ES20100031306 20100901	F03D1/06	BATZ S COOP [ES]; ENNERA ENERGY AND MOBILITY S L [ES]; PALACIO ARGUEELLES JOSEBA [ES]; MARTIN FERNANDEZ JOSE IGNACIO [ES]; AUSIN CALVO JUAN CARLOS [ES]	WIND TURBINE BLADE
US2012146333 A1 20120614	CN20111354413 20111110	F03D1/06	Shenzhen Effsun Wind Power Co., Ltd.	Wind turbine blade aerofoil of horizontal axis wind turbine
US2012146334 A1 20120614	DK20100070584 20101223; US20100424265P 20101217	F03D3/06	VESTAS WIND SYS AS [DK]	Wind turbine blade and method for manufacturing a wind turbine blade with vortex generators

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US2012146336 A1 20120614	WO2010CA00558 20100413; US20090168672P 20090413; US20090171139P 20090421	F03D1/00; B64C3/18; F03D1/06; F03D3/06	MAXIFLOW MFG INC [CA]	WIND TURBINE BLADE AND METHOD OF CONSTRUCTING SAME
US2012146337 A1 20120614	WO2009JP62850 20090709	F03D11/00; B29C70/68	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE BLADE AND METHOD OF MANUFACTURING WIND TURBINE BLADE
US2012146338 A1 20120614	US20090264039P 20091124; WO2010US57801 20101123	F03D1/06	RONNER DAVID	Wind turbine blade and methods, apparatus and materials for fabrication in the field
US2012147637 A1 20120614	US20100906100 20101203	F03D7/00	KANG MICHAEL CHING KWEI [US]	Wind turbine blade automatic pitch control using centrifugal force
US2012148403 A1 20120614	GB20100011543 20100708	F03D1/06; B29C65/00	VESTAS WIND SYS AS [DK]	Wind turbine blade comprising bonded shells and incorporating a temperature measurement system
US2012148404 A1 20120614	WO2010GB00486 20100318; GB20090004687 20090318; US20090161284P 20090318	F03D7/02	VESTAS WIND SYS AS [DK]	WIND TURBINE BLADE CONTROL
US2012148407 A1 20120614	US201113248334 20110929	F03D11/00; G01N29/04	GEN ELECTRIC [US]	WIND TURBINE BLADE EDGE MONITORING SYSTEM
US2012148410 A1 20120614	EP20100168064 20100701	F03D1/06	LM GLASFIBER AS [DK]	Wind turbine blade for a rotor of a wind turbine
US2012149614 A1 20120614	US20100388030P 20100930	F03D11/00; F03D1/00; F03D1/06; F03D7/02	TIMKEN CO [US]; FOX GERALD P [US]	WIND TURBINE BLADE MOUNTING SYSTEM

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US2012153630 A1 20120621	US201113185705 20110719	F01D5/14	GEN ELECTRIC [US]	WIND TURBINE BLADE MULTI-COMPONENT SHEAR WEB WITH INTERMEDIATE CONNECTION ASSEMBLY
US2012153632 A1 20120621	KR20100112699 20101112	F03D11/00; F03D1/06; F03D3/06	KORE INST MACH & AMP MATERIALS [KR]	WIND TURBINE BLADE OF MICROWAVE ABSORBING FUNCTION AND METHOD FOR THE PRODUCTION THEREOF
US2012156032 A1 20120621	DK20100070305 20100630	F03D11/00; F03D7/00	VESTAS WIND SYS AS [DK]	Wind turbine blade pitch system
US2012156034 A1 20120621	DK20100070304 20100630	F03D7/00; F03D11/00	VESTAS WIND SYS AS [DK]	Wind turbine blade pitch system
US2012156041 A1 20120621	WO2011JP53170 20110215	F01D7/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE BLADE PITCH-CONTROL SYSTEM, AND WIND TURBINE ROTOR AND WIND TURBINE GENERATOR PROVIDED WITH THE SAME
US2012157256 A1 20120621	EP20090160501 20090518; WO2010EP56817 20100518	F03D1/06; B23P15/04	LM GLASFIBER AS [DK]	WIND TURBINE BLADE PROVIDED WITH FLOW ALTERING DEVICES
US2012160350 A1 20120628	US201113185682 20110719	F01D5/14	GEN ELECTRIC [US]	WIND TURBINE BLADE SHEAR WEB CONNECTION ASSEMBLY
US2012161442 A1 20120628	US201113155791 20110608	F01D5/14; B32B37/02; B32B37/10; B32B37/12; B32B37/14	GEN ELECTRIC [US]	WIND TURBINE BLADE SHEAR WEB WITH SPRING FLANGES
US2012161443 A1 20120628	CN20112259303U 20110721	F03D11/00; B32B3/08	Shanghai Qinghua Fengchao Building Material Co., Ltd.	Wind turbine blade spoiler angle of wind power generator

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US2012161446 A1 20120628	US201161473856P 20110411; US201161473854P 20110411; DK20100070401 20100915; DK20100070399 20100915	F03D1/00; F03D11/00	VESTAS WIND SYS AS [DK]; BECH ANTON [DK]; HANCOCK MARK [GB]; THOMSEN PETER FRANS [DK]	WIND TURBINE BLADE STRUCTURES, LIFTING ASSEMBLIES AND METHODS OF BLADE HANDLING
US2012161448 A1 20120628	IT2010MI01796 20100930	F03D1/06	WILIC S AR L [LU]; CASAZZA MATTEO [IT]; VERDESCA MATTEO [IT]; SABBADIN AMEDEO [IT]; BABY PHILIP [IN]	WIND TURBINE BLADE TUBULAR SPAR FABRICATING METHOD
US2012163974 A1 20120628	EP20090154511 20090306; WO2010EP52904 20100308	F03D11/00; B23P15/02	LM GLASFIBER AS [DK]	WIND TURBINE BLADE WITH A LIGHTNING PROTECTION SYSTEM
US2012163990 A1 20120628	EP20090160477 20090518; WO2010EP56793 20100518	F03D1/06	LM GLASFIBER AS [DK]	WIND TURBINE BLADE WITH BASE PART HAVING INHERENT NON-IDEAL TWIST
US2012164001 A1 20120628	WO2010EP56799 20100518; EP20090160479 20090518; EP20100722049 20100518	F03D1/06	LM GLASFIBER AS [DK]	WIND TURBINE BLADE WITH BASE PART HAVING NON- POSITIVE CAMBER
US2012165985 A1 20120628	DK20100070462 20101029; US20100373580P 20100813	F03D1/06	VESTAS WIND SYS AS [DK]; LINK RYAN [US]; TANNER GREGORY [US]	WIND TURBINE BLADE WITH DAMPING ELEMENT

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
US8087893 B1 20120103	WO2010US26198 20100304; US20090406202 20090318	F03D11/00	VESTAS WIND SYS AS [DK]	WIND TURBINE BLADE WITH DAMPING ELEMENT
US8120191 B1 20120221	US20100844293 20100727	F03D11/00	VESTAS WIND SYS AS [DK]	Wind turbine blade with damping element for edgewise vibrations
US8134246 B1 20120313	GB20100014560 20100901	F03D1/06; F03D7/02; F03D7/04	VESTAS WIND SYS AS [DK]	Wind turbine blade with fluidic muscle actuator
US8134250 B1 20120313	US20100881542 20100914	F03D1/06	GEN ELECTRIC [US]	Wind turbine blade with improved trailing edge bond
US8137052 B1 20120320	US20100830499 20100706	F03D1/06; F03D11/04	GEN ELECTRIC [US]	Wind turbine blade with integrated handling mechanism attachment bores
US8143740 B1 20120327	EP20080011962 20080702	F03D1/06; F03D11/00	SIEMENS AG [DE]	WIND TURBINE BLADE WITH LIGHTNING RECEPTOR AND METHOD FOR PROTECTING THE SURFACE OF A WIND TURBINE BLADE
US8162609 B1 20120424	WO2010EP60342 20100716	F03D1/06	LM GLASFIBER AS [DK]; MADSEN JESPER [DK]; ANDERSEN CHRISTIAN FRANK [DK]; FUGLSANG PETER [DK]	WIND TURBINE BLADE WITH NARROW SHOULDER AND RELATIVELY THICK AIRFOIL PROFILES
US8162610 B1 20120424	US201113244600 20110925; JP20060082936 20060324; US20090224223 20090126	F03D1/06	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE BLADE WITH SUFFICIENTLY HIGH STRENGTH AND LIGHT WEIGHT
US8167537 B1 20120501	EP20100168529 20100706	F03D1/06; F03D7/02	LM GLASFIBER AS [DK]	Wind turbine blade with variable trailing edge
US8174139 B1 20120508	FR20100055920 20100720	F03D1/06	ALIZEO [FR]; LAVAUR RICHARD [BE]	WIND TURBINE BLADE, AND WIND TURBINE HAVING SUCH A BLADE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
US8178992 B1 20120515	JP20100238041 20101022	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]; FUKAMI KOJI [JP]	WIND TURBINE BLADE, WIND POWER GENERATING DEVICE COMPRISING SAME, AND WIND TURBINE BLADE DESIGN METHOD
US8183709 B1 20120522	GB20100021535 20101220; US201061425455P 20101221	F03D1/06; F03D7/02	VESTAS WIND SYS AS [DK]; CHANG YUN CHONG GABRIEL [SG]; LIM CHEE KANG [SG]; LOH WUH KEN [SG]	WIND TURBINE BLADES
US8197178 B1 20120612	TW100222262U 20111124	F03D11/02	PLASTICS INDUSTRY DEV CT [TW]	Wind turbine blades composition structure
US8207625 B1 20120626	US20100829456 20100702	F03D1/06	GEN ELECTRIC [US]	Wind turbine blades with actively controlled flow through vortex elements.
WO2012000040 A1 20120105	GR20100100474 20100901	F03D1/06	TOULAS THEODOROS [GR]; MICHALIS EMMANUEL [GR]	WIND TURBINE BLADES WITH DIMPLES
WO2012000105 A1 20120105	US20100966190 20101213	F03D1/06	GEN ELECTRIC [US]	Wind turbine blades with improved bond line and associated method
WO2012000444 A1 20120105	WO2010US37259 20100603; US20090183643P 20090603	F03D1/06	FLODESIGN WIND TURBINE CORP [US]	WIND TURBINE BLADES WITH MIXER LOBES
WO2012000504 A1 20120105	FR20100004084 20101015	G09F9/305; F03D11/00; G09F9/33; G09F11/23; G09F13/30; G09F19/18	STEINKE GALLO SABRINA [FR]	WIND TURBINE COMMUNICATING WITH AN INTEGRATED DISPLAY SYSTEM
WO2012000505 A2 20120105	EP20100179277 20100924	B23Q1/25; B25J11/00; B66C1/10; B66F11/00; F03D11/00	SIEMENS AG [DE]	WIND TURBINE COMPONENT HANDLING APPARATUS

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WO2012000506 A2 20120105	GB20090014960 20090827	B32B5/28; B29C70/44; F03D1/06; H01Q17/00	VESTAS WIND SYS AS [DK]	WIND TURBINE COMPOSITE STRUCTURES
WO2012000509 A2 20120105	DE201010032676 20100728	F03D11/00; F03D7/00	FEV MOTORENTECH GMBH [DE]	Wind turbine comprises rotor blade, and rotor hub bearing rotor blade, where rotor hub is connected directly or indirectly with generator through drive shaft
WO2012000510 A1 20120105	WO2010DK00048 20100421; DK20090000518 20090422; US20090171673P 20090422	F03D7/04; F03D7/00	VESTAS WIND SYS AS [DK]	WIND TURBINE CONFIGURATION SYSTEM
WO2012000513 A2 20120105	ES20090002345 20091216	F03D7/02	GAMESA INNOVATION & TECH SL [ES]	Wind turbine control methods for improving the production of energy recovering energy losses
WO2012000516 A2 20120105	US201213366287 20120204; US20080177889 20080723; US20070952220P 20070726	F03D9/00	IOANA STEFAN [US]	WIND TURBINE DEVICE
WO2012000517 A2 20120105	NO20090002276 20090612; WO2010EP50735 20100122	F03D1/04	WAARSETH-JUNGE JOHANNES [NO]	WIND TURBINE DEVICE
WO2012000518 A2 20120105	JP20100183557 20100819	F03D3/06	HATAKEYAMA MITSUO	WIND TURBINE DEVICE
WO2012001081 A2 20120105	FR20100056962 20100902	F03D3/04; F03D11/04	AEOLTA SAS [FR]	Wind turbine device for use on roof of building, has structure including baffles forming tunnel to concentrate flow of air in direction of rotor and vent hole in form of conduit emerging into flow path

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WO2012001135 A2 20120105	US20100914487 20101028	F03D7/06	ATOMIC ENERGY COUNCIL [TW]	Wind Turbine Device Having Rotor for Starting Up and Avoiding Overspeed
WO2012001138 A2 20120105	EP20080012250 20080707; WO2009EP57977 20090625	F03D9/00; F03D11/00; H02K1/18; H02K1/30	SIEMENS AG [DE]	WIND TURBINE DIRECT DRIVE GENERATOR WITH FIBRE GLASS FLEXIBLE FRONT AND REAR ENDPLATES TO MAINTAIN STATOR ROTOR AIR GAP SPACING
WO2012001188 A1 20120105	US20090230318P 20090731; US20090252884P 20091019; US20100306160P 20100219	G01M13/02; F03D11/00; G01M99/00	MTS SYSTEM CORP [US]	WIND TURBINE DRIVE TRAIN TEST ASSEMBLY
WO2012001317 A1 20120105	US20100912793 20101027	F03D9/02; F03D11/00	WONG CARLOS [MO]; WONG LIVIA [MO]; XIONG ZHAOHUI [CN]	WIND TURBINE ENERGY STORAGE SYSTEM AND METHOD
WO2012001320 A1 20120105	US20100942725 20101109	F03D7/04	GEN ELECTRIC [US]	Wind turbine farm and method of controlling at least one wind turbine
WO2012001699 A2 20120105	WO2010DE00574 20100526; DE200910025118 20090611	F03D11/00	AERODYN ENG GMBH [DE]	Wind turbine featuring recirculation of a cooling stream
WO2012001739 A1 20120105	WO2010US61595 20101221	F03D11/00; B08B3/02	JENSEN DUSTIN [US]; FRAUGHTON BROQUE L [US]; FRAUGHTON SONNY K [US]	WIND TURBINE FLUID APPLICATION APPARATUS
WO2012002066 A1 20120105	DE201010035178 20100819	F03D3/04	SZATMARI FERENC [DE]	Wind turbine for generating electricity from wind energy, has rotor housing rotated together with upstream funnel-shaped wind control system to vertically oriented rotor axis along wind direction, and rotor frictionally coupled to generator

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WO2012002068 A1 20120105	CH20100001472 20100914	F03D3/00; F03D7/06; F03D11/00	ENVERGATE AG [CH]	Wind turbine for generating electricity, has connecting rod adjusting wing profiles and held in operating position by release mechanisms that release connecting rod from operating position when allowable wind pressure exceeds on profiles
WO2012002218 A1 20120105	RO20100000628 20100721	F03D3/06	ARGHIRESCU MARIUS [RO]	WIND TURBINE FOR GENTLE WIND, WITH BUILT-IN MAGNETOELECTRIC GENERATORS
WO2012002230 A1 20120105	DE201010044462 20100906; DE201110010476 20110205	F03D11/04	BAYER BERKAY [DE]	Wind turbine for hydraulic transmission of energy from head or nacelle of plant to ground level, hydraulic pump that is installed in base of plant or section or under tower, so that heavy portions of head are displaced into base
WO2012002265 A1 20120105	WO2010JP64184 20100823; JP20090198262 20090828	F03D11/00; B01D46/42; F03D1/00	MITSUBISHI HEAVY IND LTD [JP]	Wind turbine for wind power generation
WO2012002397 A1 20120105	AU20100904204 20100917; AU20110205043 20110728	E02D27/42; F03D11/04	CIVIL AND ALLIED TECHNICAL CONSTRUCTION PTY LTD	Wind turbine foundation
WO2012002466 A1 20120105	NO20090002311 20090616	F03D11/04; E02D27/52	OLAV OLSEN AS DR TECHN [NO]	WIND TURBINE FOUNDATION FOR VARIABLE WATER DEPTH
WO2012002491 A1 20120105	JP20100260564 20101104	F03D9/00; F03D3/06	CRAFT KK M	WIND TURBINE GENERATOR
WO2012002809 A1 20120105	WO2010JP64693 20100830	F03D11/00; F03D7/00	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE GENERATOR
WO2012002842 A2 20120105	US20100421522P 20101209; WO2011US21012 20110112		GRIGG CHARLES [US]	WIND TURBINE GENERATOR

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WO2012003021 A1 20120105	WO2011JP68283 20110810	F03D11/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR
WO2012003308 A2 20120105	JP20100265677 20101129	F03D11/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR
WO2012003503 A2 20120105	WO2009JP65318 20090902	F03D9/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR
WO2012003631 A1 20120112	US20080288191 20081017; US20070980580P 20071017	F03D7/02	SCHLEGEL DEAN J [US]	Wind turbine generator
WO2012003683 A1 20120112	US201113104228 20110510; US201113093964 20110426	F03D9/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR
WO2012003831 A2 20120112	WO2010JP06978 20101130	H02P9/04; F03D9/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR
WO2012003832 A2 20120112	JP20090285537 20091216; WO2010JP71219 20101129	F03D11/00	mitsubishi heavy ind ltd [JP]	Wind turbine generator
WO2012003835 A1 20120112	WO2010JP00501 20100128; JP20090020675 20090130	F03D1/02; F03D1/06; F03D11/00	KYUSHU INST OF TECHNOLOGY [JP]	WIND TURBINE GENERATOR
WO2012003841 A2 20120112	WO2010JP64231 20100824	F03D11/00	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR AND CONSTRUCTION METHOD FOR WIND TURBINE TOWER
WO2012003940 A1 20120112	WO2009JP59261 20090520	F03D7/04	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR AND CONTROL METHOD THEREOF
WO2012003985 A1 20120112	WO2011JP54463 20110228	H02P9/10	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME

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WO2012004067 A1 20120112	WO2010JP64470 20100826	F03D7/00; H02J3/38; H02P9/00; H02P9/04	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE GENERATOR AND OUTPUT POWER CONTROL METHOD
WO2012004571 A2 20120112	KR20117012282 20100531	F03D1/06; F03D11/00; F16C19/55; F16C33/66	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE GENERATOR AND ROLLING BEARING FOR WIND TURBINE GENERATOR
WO2012004738 A1 20120112	WO2010JP06977 20101130	F03D9/00	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE GENERATOR AND TIDAL CURRENT GENERATOR
WO2012005635 A1 20120112	WO2010JP06982 20101130	H02P9/06; F03B13/26; F03D9/00	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE GENERATOR AND TIDAL CURRENT GENERATOR AND OPERATION METHOD THEREOF
WO2012005703 A1 20120112	US201113287167 20111102	F03D9/00; H02K11/04; H02K15/00	LANGEL ANDRE [DE]	WIND TURBINE GENERATOR AND WIND TURBINE
WO2012007000 A1 20120119	WO2010JP59205 20100531	F03D9/00; F03D7/02; G01V8/10	MITSUBISHI HEAVY INDUSTRIES, LTD	WIND TURBINE GENERATOR HAVING A DETECTION UNIT FOR DETECTING FOREIGN OBJECT INSIDE ROTOR AND OPERATING METHOD THEREOF
WO2012007002 A2 20120119	WO2010DK50142 20100615; US20090187065P 20090615; EP20090164207 20090630; EP20100724259 20100615	B64D1/02; B64B1/50; B64D1/22; E04H12/34; F03D1/00	VESTAS WIND SYS AS [DK]	WIND TURBINE GENERATOR INSTALLATION BY AIRSHIP
WO2012007058 A1 20120119	CN20112188575U 20110607	F03D7/00	SINOVEL WIND GROUP CO LTD [CN]	Wind turbine generator paddle changing control system based on internal model proportion integration differentiation (PID)

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WO2012007069 A1 20120119	WO2010DK50143 20100615; US20090187065P 20090615; EP20090164257 20090630; EP20100724260 20100615	F03D1/00; B64D1/02; B64D1/22; B64F1/12; B64F1/14	VESTAS WIND SYS AS [DK]	WIND TURBINE GENERATOR SERVICE BY AIRSHIP
WO2012007111 A2 20120119	CN20112346784U 20110915	F03D9/00; A47K11/00; F03D11/00	SANY ELECTRIC CO LTD [CN]	Wind turbine generator set
WO2012007185 A1 20120119	CN20112232509U 20110701	H01R39/02; F03D11/00	SINOVEL WIND GROUP CO LTD [CN]	Wind turbine generator set lightning protection system having carbon powder collecting device
WO2012007186 A1 20120119	US201113290713 20111107; JP20040002559 20040108; US201113107303 20110513; US20100940737 20101105; US20090553832 20090903; US20080042257 20080304; US20070679759 20070227; US20060475416 20060627; US20040996645 20041123	F03D9/00; H02P9/04; F02C6/00; F03D7/00; F03D7/02; G05F5/00; H02J3/40; H02P9/00; H02P9/08; H02P9/14; H02P9/42; H03B5/00	HITACHI LTD [JP]	WIND TURBINE GENERATOR SYSTEM

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WO2012007226 A2 20120119	WO2010JP06979 20101130	F03D7/00; F03D9/00; F03D11/02	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR SYSTEM AND OPERATION CONTROL METHOD THEREOF
WO2012007235 A1 20120119	WO2011JP55086 20110304	F03D9/02	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR SYSTEM AND WIND TURBINE GENERATOR
WO2012007306 A2 20120119	CN20101266980 20100822	F03D9/00; F03D11/00; F16H57/04; H02K9/04; H02M1/00; H05K7/20	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]; CHEN XIANGQUAN [CN]	WIND TURBINE GENERATOR SYSTEM FOR HIGH TEMPERATURE ENVIRONMENTS
WO2012007318 A2 20120119	CN20101565456 20101125	F03D11/00; G01M7/02	SINOVEL WIND GROUP CO LTD [CN]	WIND TURBINE GENERATOR SYSTEM VIBRATION DETECTING DEVICE AND METHOD
WO2012007444 A1 20120119	KR20117012285 20100531	F03D11/00; F03D1/00; F03D7/02	mitsubishi heavy ind ltd [JP]	WIND TURBINE GENERATOR, GEAR TRANSMISSION MECHANISM, AND METHOD OF CONTROLLING ENGAGEMENT OF GEARS
WO2012007595 A1 20120119	WO2010DE00887 20100729; DE200910036517 20090807	F03D7/02	AERODYN ENG GMBH [DE]	Wind turbine having a device for minimizing loads
WO2012007630 A1 20120119	EP20100170630 20100723	F03D1/06	EWT IP B V [NL]	Wind turbine having a rotor with hub
WO2012007934 A1 20120119	ES20100001394 20101029	F03D7/04	GAMESA INNOVATION & TECH SL [ES]	Wind turbine having an active pitch angle control during idling situation
WO2012008862 A2 20120119	WO2009EP67759 20091222; DK20090000172 20090205; US20090150174P 20090205	F03D1/00	VESTAS WIND SYS AS [DK]	Wind turbine having power electronics in the nacelle
WO2012009584 A1 20120119	US20100873378 20100901	F03D11/04	GEN ELECTRIC [US]	Wind turbine having variable height and method for operating the same

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012009855 A1 20120126	FR20100057975 20101001	F03D3/02; F03D3/04; F03D11/04	SENE MICHEL [FR]	Wind turbine i.e. vertical axis wind turbine, for converting wind energy into electrical energy, has incident air closing units formed of closed surfaces orienting incident air stream on units toward unclosed part of rotor
WO2012010710 A1 20120126	CN20112200660U 20110615	F03D11/00; B32B33/00; G01L1/16	Wenzhou University	Wind turbine impeller with piezoelectric transducer
WO2012010785 A1 20120126	KR20100130236 20101217	F03D7/02; F03D1/00; F03D7/04	SAMSUNG HEAVY IND [KR]	WIND TURBINE INCLUDING PITCH CONTROL APPARATUS AND PITCH CONTROL METHOD FOR WIND TURBINE
WO2012010847 A1 20120126	US201113267110 20111006	F03D9/00; H02B1/00; H05K7/20	GEN ELECTRIC [US]	WIND TURBINE INSTALLATION WITH A SELF-CONTAINED POWER PRODUCTION COMPONENT ENCLOSURE
WO2012011601 A1 20120126	WO2010EP54806 20100413; GB20090006641 20090417	F03D11/00; H02G13/00	TYCO ELECTRONICS LTD UK [GB]	WIND TURBINE LIGHTNING PROTECTION AND MONITORING SYSTEMS
WO2012011632 A1 20120126	US20090224525P 20090710; WO2009EP62483 20090928	F03D11/00; F16C17/03	SIEMENS AG [DE]	Wind turbine main bearing
WO2012011633 A1 20120126	KR20100131703 20101221	E04H12/08; F03D11/04	DAEWOO SHIPBUILDING & MARINE [KR]	WIND TURBINE MANUFACTURING METHODS AND THE TOWER OF THE TOWE
WO2012012198 A2 20120126	WO2009JP65174 20090831	G06F17/18	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE MONITORING DEVICE, METHOD, AND PROGRAM
WO2012013151 A1 20120202	WO2010DK50059 20100312; DK20090000361 20090313; US20090159989P 20090313	F03D7/02; F03D1/00; F03D11/00; F03D11/04	VESTAS WIND SYS AS [DK]	WIND TURBINE NACELLE

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WO2012013195 A2 20120202	NZ20110587337 20111111	F03D7/00; F03D7/04; F03D11/04	JAN HAIJO POST	Wind turbine nacelle cable twist preventor
WO2012013346 A1 20120202	US201013146364 20100129; DK20090000149 20090130; US20090148508P 20090130; WO2010DK50022 20100129	F03D11/00	VESTAS WIND SYS AS [DK]	WIND TURBINE NACELLE WITH COOLER TOP
WO2012013347 A1 20120202	US201013146773 20100129; DK20090000150 20090130; US20090148537P 20090130; WO2010DK50025 20100129	F03D11/00	VESTAS WIND SYS AS [DK]	WIND TURBINE NACELLE WITH COOLER TOP
WO2012013642 A1 20120202	US201013146528 20100129; DK20090000151 20090130; US20090148516P 20090130; WO2010DK50023 20100129	F03D9/00	VESTAS WIND SYS AS [DK]	WIND TURBINE NACELLE WITH COOLER TOP
WO2012013722 A2 20120202	US201113311650 20111206	F03D11/02	LINDBERG MIKAEL [SE]	WIND TURBINE OIL LUBRICATION PUMP
WO2012013864 A1 20120202	HU20100000459 20100831	F03D3/04	MATRAHAZI JANOS [HU]	WIND TURBINE ON ROOF

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012014241 A2 20120202	CN20112235738U 20110705	F03D1/06	ZHEJIANG WINDEY WIND POWER CO LTD	Wind turbine paddle and wind turbine
WO2012016259 A2 20120209	US20100916063 20101029	F03D1/06; F03D11/00	GEN ELECTRIC [US]	Wind turbine pitch assembly enclosure system
WO2012016263 A2 20120209	US20100954819 20101126	F03D3/04	TACKETT JUSTIN DALE [US]	Wind Turbine Power Generation
WO2012016264 A2 20120209	US20100393995P 20101018; US201161450151P 20110308	F03D1/00; F03D11/02	VESTAS WIND SYS AS [DK]; RUESCHOFF RALF [DE]; MONGEAU PETER [US]	WIND TURBINE POWER TRANSMISSION SYSTEM AND METHOD OF INSTALLING A WIND FARM INCLUDING SAME
WO2012016585 A1 20120209	EP20090163969 20090629; US20090221134P 20090629; WO2010EP03903 20100625	F03D7/04; F03D9/00	VESTAS WIND SYS AS [DK]	Wind turbine providing grid support
WO2012016664 A2 20120209	US201113330813 20111220; US20100821623 20100623	F03D9/00; B23P6/00	HARRIS CORP [US]	WIND TURBINE PROVIDING REDUCED RADIO FREQUENCY INTERACTION AND RELATED METHODS
WO2012016726 A2 20120209	CN20112046794U 20110224	H02J7/00; F03D7/02; H02N6/00	ZHUHAI CITY ELECTRIC CO LTD	Wind turbine rotating speed tracking control system and hybrid power generation controller including the wind turbine rotating speed tracking control system
WO2012017106 A1 20120209	PL20100119175U 20100708	F03D3/06; F03D3/00; F03D11/00	SIGMA SPOLKA AKCYJNA [PL]	Wind turbine rotor
WO2012019331 A1 20120216	US20100968739 20101215	F03D1/06	GEN ELECTRIC [US]	Wind turbine rotor blade

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WO2012019455 A1 20120216	JP20100237346 20101022	F03D11/04; F03D1/06	mitsubishi heavy ind ltd [JP]; KAWASETSU NOZOMU [JP]; SHINDO KENTARO [JP]; KUROIWA TAKAO [JP]; HORI SHINICHI [JP]	WIND TURBINE ROTOR BLADE
WO2012019609 A1 20120216	JP20100237346 20101022; WO2011JP64970 20110629	F03D3/06	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE ROTOR BLADE
WO2012019610 A1 20120216	WO2010EP53929 20100325; GB20090007444 20090430; US20090174011P 20090430	F03D1/06; F03D7/02	VESTAS WIND SYS AS [DK]	WIND TURBINE ROTOR BLADE
WO2012019611 A2 20120216	JP20090296152 20091225; WO2010JP73370 20101224	F03D11/00; F03D1/06	MITSUBISHI HEAVY IND LTD [JP]	Wind turbine rotor blade and wind-generating wind turbine
WO2012019612 A2 20120216	US20100871116 20100830	F03D1/06	GEN ELECTRIC [US]	Wind turbine rotor blade assembly having an access window and related methods
WO2012019613 A1 20120216	US201113246064 20110927	F03D1/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE ASSEMBLY WITH ROOT CURTAIN
WO2012019655 A1 20120216	DE201010026588 20100708	F03D1/06	NORDEX ENERGY GMBH [DE]	Wind turbine rotor blade has aerodynamic profile, pressure side, suction side, front edge and rear edge, where multiple rear edge extension bodies are arranged side by side along rear edge
WO2012019785 A2 20120216	DK20110070222 20110506	F03D1/06	VESTAS WIND SYS AS [DK]	Wind turbine rotor blade having a movable device and an actuator for deflecting the movable device
WO2012019815 A2 20120216	US20100859585 20100819	F03D1/06; F03D1/00	GEN ELECTRIC [US]	Wind turbine rotor blade joint

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WO2012020255 A2 20120216	US201113220044 20110829	F03D1/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE JOINT
WO2012021602 A2 20120216	US20100837529 20100716	F03D1/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH A SUCTION SIDE WINGLET
WO2012022394 A2 20120223	US20100884565 20100917	F03D1/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH ACTUATABLE AIRFOIL PASSAGES
WO2012022501 A1 20120223	US20100882423 20100915	F03D1/06	GEN ELECTRIC [US]	Wind turbine rotor blade with aerodynamic winglet
WO2012022797 A1 20120223	US201113282608 20111027	F03D7/04	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH FAIL-SAFE AIR BRAKE FLAPS
WO2012022924 A1 20120223	US201113267205 20111006	F03D3/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH PASSIVELY MODIFIED TRAILING EDGE COMPONENT
WO2012023202 A1 20120223	US201113267121 20111006	F03D1/06	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH PASSIVELY MODIFIED TRAILING EDGE COMPONENT
WO2012023203 A1 20120223	US20100961813 20101207	F03D1/06	GEN ELECTRIC [US]	Wind turbine rotor blade with porous window and controllable cover member
WO2012023745 A2 20120223	US201113276560 20111019	F03D11/00; B23P15/04	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADE WITH TRAILING EDGE EXTENSION AND METHOD OF ATTACHMENT
WO2012023866 A1 20120223	GB20100020002 20101125	F03D7/02; F03D1/06	LLOYD GLYNN [GB]; OSBORNE MARK [GB]; MOOG INSENSYS LTD [GB]	WIND TURBINE ROTOR BLADES
WO2012023942 A2 20120223	US20100957715 20101201	F03D1/06; H01T19/00	GEN ELECTRIC [US]	Wind turbine rotor blades with enhanced lightning protection system
WO2012023994 A1 20120223	US20100957693 20101201	F03D11/00	GEN ELECTRIC [US]	Wind Turbine Rotor Blades With Enhanced Lightning Protection System
WO2012024717 A1 20120301	US201113334279 20111222	F03D1/06; B23P15/02	GEN ELECTRIC [US]	WIND TURBINE ROTOR BLADES WITH SHAPE MEMORY POLYMER COMPOSITES AND METHODS FOR DEPLOYING THE SAME
WO2012024892 A1 20120301	EP20100382322 20101130	F03D7/02; F03D11/00	ALSTOM WIND S L U [ES]	Wind turbine rotor comprising a pitch bearing mechanism and a method of repair therefore

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WO2012025076 A2 20120301	WO2010JP64838 20100831	F03D1/06	MITSUBISHI HEAVY IND LTD [JP]	WIND TURBINE ROTOR DESIGNING METHOD, WIND TURBINE ROTOR DESIGN SUPPORT DEVICE, WIND TURBINE ROTOR DESIGN SUPPORT PROGRAM AND WIND TURBINE ROTOR
WO2012025120 A1 20120301	PL20100392042 20100802	F03D3/06; F03D3/00	LATUSZEK ANTONI [PL]	Wind turbine rotor with a vertical drive shaft
WO2012025121 A2 20120301	EP20100382250 20100920	F03D7/02	ALSTOM WIND S L U [ES]	Wind turbine rotor with pitch brake
WO2012025165 A1 20120301	PL20100119246U 20100810	F03D3/04; F03D3/06	CZUBIK JAN [PL]; CZUBIK JAROSLAW [PL]	Wind turbine section
WO2012025205 A1 20120301	KR20110088924 20110902	F03D11/00; F03D7/00	KOREA ELECTRIC POWER CORP [KR]	WIND TURBINE SIMULATION SYSTEM AND METHOD OF THE SAME
WO2012025211 A2 20120301	US201113235348 20110916	F03D9/00	ATTIA SID AHMED [DE]	WIND TURBINE SOUND MANAGEMENT
WO2012025348 A2 20120301	US20100409154P 20101102; GB20100018501 20101102	F03D11/00	VESTAS WIND SYS AS [DK]; HJORT THOMAS [DK]	WIND TURBINE SYSTEM AND METHOD USING VOLTAGE GENERATING MATERIAL
WO2012025667 A1 20120301	US201113325107 20111214	F03D9/00	GEN ELECTRIC [US]	WIND TURBINE SYSTEM COMPRISING A DOUBLY FED INDUCTION GENERATOR
WO2012025720 A1 20120301	US20100360112P 20100630; DK20100070306 20100630	F03D7/02	VESTAS WIND SYS AS [DK]; LAURITSEN STEEN M [DK]; MIRANDA ERIK CARL LEHNSKOV [DK]	WIND TURBINE SYSTEM FOR DETECTION OF BLADE ICING
WO2012025916 A1 20120301	US20100858688 20100818	F03D11/02	EBO GROUP INC [US]; HEIDENREICH DAVID [US]; OLSON ERIK [US]; CULLINGS GREGG [US]; PETERMAN DAVID [US]	WIND TURBINE TORQUE LIMITING CLUTCH SYSTEM

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WO2012026594 A1 20120301	US201113106007 20110512	F03D7/00	GEN ELECTRIC [US]	WIND TURBINE TORQUE-SPEED CONTROL
WO2012026792 A2 20120301	US20100962381 20101207	F03D11/04; E04H12/00	GEN ELECTRIC [US]	WIND TURBINE TOWER ASSEMBLY AND METHOD FOR ASSEMBLING THE SAME
WO2012026840 A1 20120301	CN20111461081 20111231	F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Wind turbine tower convenient for disassembly
WO2012026879 A1 20120301	US201113253643 20111005	F03D11/04; B23P17/00; E04B1/38; E04H12/00	HARIDASU BALAJI [IN]; FANG BIAO [US]; PUJARI NAGESWARA RAO [IN]	WIND TURBINE TOWER SECTION AND METHOD OF ASSEMBLING A WIND TURBINE TOWER
WO2012026883 A2 20120301	US20100869956 20100827	F03D11/04	GEN ELECTRIC [US]	Wind turbine tower segment, wind turbine and method for erecting a wind turbine
WO2012026900 A2 20120301	KR20100075398 20100804	F03D1/02; F03D11/02	KIM SO YUEN [KR]	wind turbine using freewheel clutch
WO2012027502 A1 20120301	US201213362455 20120131; US201113114272 20110524; US20100910580 20101022; US20100323500P 20100413	F01D1/02	SEVEN INTERNAT GROUP INC [US]	Wind Turbine Utilizing Wind Directing Slats
WO2012027952 A1 20120308	DK20090070235 20091130; US20090264930P 20091130	G01B21/22; F03D1/06	VESTAS WIND SYS AS [DK]	Wind turbine vane sensor, wind turbine vane and wind turbine
WO2012027953 A1 20120308	KR20100081805 20100824	F03D11/00	HYUN DAI HEAVY IND CO LTD [KR]	WIND TURBINE WHICH DETECTS POSITION USING BAR CODE
WO2012027954 A1 20120308	PL20100393233 20101213	F03D1/04; F03D1/02; F03D3/02;	WROTECKA IRENA ZAKLAD PROD HANDLOWY INTERMAS [PL]	Wind turbine with a diffuser with vertical axis

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		F03D3/04		
WO2012028042 A1 20120308	US20100421041P 20101208; US201113276941 20111019	F03D11/04; F03D11/00	NORTHERN POWER SYSTEMS INC [US]; BYWATERS GARRETT L [US]; COLE TREVOR H [US]	WIND TURBINE WITH A NACELLE HAVING AN UNDERSLUNG TRANSFORMER
WO2012028145 A1 20120308	US20100388202P 20100930; DK20100070418 20100930	F03D11/00	VESTAS WIND SYS AS [DK]; DEMTROEDER JENS [DK]	WIND TURBINE WITH BEARING SUPPORT
WO2012028146 A1 20120308	WO2009ES00348 20090630	F03D1/06	TEMPERO 2000 S L [ES]	Wind turbine with compensated motor torque
WO2012028147 A1 20120308	HU20100000566 20101025	F03D3/02	KOMJATHY MIKLOS [HU]	WIND TURBINE WITH DOUBLE ROTOR AND VERTICAL AXIS
WO2012028148 A1 20120308	WO2010EP64045 20100923	F03D11/00; F03D1/06; F03D9/00	INST RUNDFUNKTECHNIK GMBH [DE]; SIEBER ANDREAS [DE]; KUNERT CLEMENS [DE]; GROSKOPF RAINER [DE]	WIND TURBINE WITH ELECTROMAGNETIC WAVE TRANSMISSION SYSTEM
WO2012028615 A2 20120308	US20100360547P 20100701	F03D11/00; F03D1/06	E NET LLC [US]; MAHAWILI PH D IMAD [US]	WIND TURBINE WITH EXTENDED BLADES
WO2012028890 A1 20120308	US20100891912 20100928	F16H57/01; F03D11/00	GEN ELECTRIC [US]	Wind turbine with gear indicating wear
WO2012028893 A2 20120308	KR20090049581 20090604; WO2010KR03559 20100603	F03D11/04	UNISON CO LTD [KR]	WIND TURBINE WITH GENERATOR DISPOSED AT FRONT THEREOF

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WO2012029116 A1 20120308	WO2010EP51480 20100208; TR20090001965 20090313	F03D3/00; F03D3/04; F03D3/06; F03D11/04	SOEZ SELIM [TR]	WIND TURBINE WITH HORIZONTAL SHAFT PERPENDICULAR TO WIND DIRECTION
WO2012030066 A2 20120308	DK20100070508 20101126; US20100417338P 20101126	F03D7/02	VESTAS WIND SYS AS [DK]	Wind turbine with hydraulic blade pitch system
WO2012030125 A2 20120308	US201113095305 20110427; WO2008DK50052 20080229	F03D11/00; B23P15/04; H02H1/00	VESTAS WIND SYS AS [DK]	WIND TURBINE WITH LOW ELECTROMAGNETIC RADIATION
WO2012030220 A1 20120308	US20100384949P 20100921	F03D3/06; F03D11/00	E NET LLC [US]; MAHAWILI PH D IMAD [US]	WIND TURBINE WITH MULTI-STAGE BLADES
WO2012030326 A1 20120308	EP20100177800 20100921	F03D11/00; F16C33/66; F16C33/72; F16N7/40	XEMC DARWIND B V [NL]; PASTEUNING JAN WILLEM [NL]	WIND TURBINE WITH OIL LUBRICATION
WO2012031187 A1 20120308	US20090183597P 20090603; WO2010US37210 20100603	F03D1/04	FLODESIGN WIND TURBINE CORP [US]	Wind turbine with pressure profile and method of making same
WO2012031411 A1 20120315	US20100927349 20101112	F03D1/00	WILLIAMS HERBERT L [US]	WIND TURBINE WITH PULLEY TRANSFER BOX APPARATUS
WO2012031547 A1 20120315	US20100845827 20100729	G01S7/02; C09D5/32; F03D1/04; F03D11/00	FLODESIGN WIND TURBINE CORP [US]	WIND TURBINE WITH REDUCED RADAR SIGNATURE
WO2012031602 A1 20120315	DE201020012635U 20100915	F03D11/00	NORDEX ENERGY GMBH [DE]	Wind turbine with retractable weather mast
WO2012031976 A1 20120315	US201113280508 20111025	H02K7/116; F03D9/00	GEN ELECTRIC [US]	WIND TURBINE WITH SINGLE-STAGE COMPACT DRIVE TRAIN

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012032038 A1 20120315	RO20110001265 20111129	F03D1/04	TANASE CONSTANTIN SERGIU [RO]; CAVESCU DAN [RO]; PETRESCU TRAIAN CATALIN [RO]; VALVOIU ION [RO]; BELOIU ROBERT CRISTIAN [RO]	WIND TURBINE WITH TWO COAXIAL COUNTER-ROTATING ROTORS AND DEFLECTOR-CONFUSER
WO2012032075 A1 20120315	CN20091097206 20090326; WO2010CN71342 20100326	F03D7/00	XU JIANXIONG [CN]	WIND TURBINE WITH VARIABLE BLADE PITCH FOR WIND POWER ELECTRICAL GENERATOR
WO2012032196 A1 20120315	EP20100167623 20100629	F03D1/00; F03D11/00	SIEMENS AG [DE]	WIND TURBINE YAW SYSTEM AND METHOD OF CONTROLLING THE SAME
WO2012032483 A2 20120315	US20100972649 20101220	F03D1/02; F03D1/06; F03D7/02	GEN ELECTRIC [US]	Wind turbine, aerodynamic assembly for use in a wind turbine, and method for assembling thereof
WO2012032547 A2 20120315	US20100833416 20100709	F03D7/04	GEN ELECTRIC [US]	Wind turbine, control system, and method for optimizing wind turbine power production
WO2012032556 A1 20120315	EP20100169066 20100709	F03D9/00; F03D11/00; F03D11/02; H02K7/116; H02K7/18	SIEMENS AG [DE]	WIND TURBINE, DRIVE TRAIN ASSEMBLY, WIND TURBINE NACELLE SYSTEM, METHODS FOR CONVERTING ROTATIONAL ENERGY AND METHODS FOR BUILDING A NACELLE AND FOR RE-EQUIPPING A WIND TURBINE
WO2012033255 A1 20120315	EP20100195990 20101220	F03D11/00	SIEMENS AG [DE]	Wind turbine, method of control of a wind turbine and air-conditioning system

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WO2012033380 A2 20120315	JP20100238043 20101022; JP20100238042 20101022; JP20100238040 20101022; JP20100238039 20101022; JP20100238038 20101022	F03D11/00; F03D1/06; F03D9/00	MITSUBISHI HEAVY IND LTD [JP]; FUKAMI KOJI [JP]	WIND TURBINE, WIND POWER GENERATION DEVICE PROVIDED THEREWITH, AND WIND TURBINE DESIGN METHOD
WO2012034370 A1 20120322	WO2010CN01776 20101105	F03D1/06	GEN ELECTRIC [US]; XIA JINGYUN [CN]; GAO MENG [CN]; TANG TIAN TIAN [CN]; HAO HUI [CN]	WIND TURBINE, WIND TRUBINE BLADE AND OBSTRUCTION REMOVAL SYSTEM FOR WIND TURBINE BLADE
WO2012034566 A1 20120322	DE200910040467 20090908; WO2010DE01056 20100908	F03D3/04	BARCZAK ROZA [DE]	Wind turbine-type device
WO2012034567 A1 20120322	PL20110396217 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind wall driving system
WO2012034863 A1 20120322	CN20112313364U 20110825	F03D9/00; F03B13/14; F16H37/00; H02K7/18	UNIV SHANGHAI OCEAN	Wind wave hybrid power generation conversion device
WO2012035206 A1 20120322	AT20090001251 20090807; WO2010AT00284 20100805	F03D3/06	FRELLER WALTER [AT]	Wind wheel

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012035337 A1 20120322	JP20090292461 20091224; JP20090292398 20091224; WO2010JP72213 20101210	F03D11/00; F03D1/06	mitsubishi heavy ind ltd [JP]	Wind wheel blade and wind-driven electricity generation device with same
WO2012035610 A1 20120322	CN20111259028 20110902	F03D1/06; F03D1/04	Wang Guilin	Wind wheel device for novel horizontal wind driven generator
WO2012036325 A1 20120322	CN20112233385U 20110705	F03D11/00	China Creative Wind Energy Co.,Ltd.	Wind wheel hub of wind turbine generator system
WO2012036352 A1 20120322	CN20101229522 20100716	F03D11/00	Shanghai Sewind Co., Ltd.	Wind wheel lengthening ring
WO2012036516 A2 20120322	CN20112333169U 20110907	F03D11/00	NANJING WIND POWER TECHNOLOGY CO LTD	Wind wheel lock
WO2012036900 A2 20120322	CN20111266629 20110909	F03D11/00	GUANGDONG MINGYANG WIND POWER GROUP CO LTD [CN]	Wind wheel locking device for wind generating set
WO2012037175 A1 20120322	CN20112440919U 20111109	F03D11/00	Baoding Tianwei Wind Power Technology Co., Ltd.	Wind wheel locking system of wind power generating set
WO2012037450 A1 20120322	CN20112353551U 20110920	F03D3/06	MCC Capital Engineering & Research Incorporation Limited;Beijing Jingcheng Zeyu Energy Environmental Protection Engineering Technology Co., Ltd.	Wind wheel of vertical shaft wind power generator
WO2012037786 A1 20120329	CN20112261696U 20110722	F03D3/06	YUNHE DENG	Wind wheel structure of vertical axis wind driven generator
WO2012037976 A1 20120329	CN20112228234U 20110630	F03D3/06	YUNHE DENG	Wind wheel structure of vertical axis wind turbine
WO2012038034 A1 20120329	CN20112228219U 20110630	F03D3/06	YUNHE DENG	Wind wheel structure of vertical shaft wind power generator

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WO2012038296 A1 20120329	CN20112362390U 20110926	F03D3/06	Shanghai Qinghua Fengchao Building Material Co., Ltd.	Wind wheel structure of vertical-axis wind driven generator
WO2012038327 A1 20120329	CN20112352480U 20110920	F03D3/06	Cong Weijian	Wind wheel with combination of window sash-type blades for vertical axis wind generator
WO2012038487 A1 20120329	JP20100132516 20100609; JP20100179089 20100810	F03D1/06; F03B7/00	TAMATSU YOSHIJI [JP]	Wind/water turbine with rotational resistance reduced by wind vane blade
WO2012039249 A1 20120329	TW100217828U 20110923	F03B7/00; F03D11/00	LIN WEI-REN [TW]; WANG QI-XUN [TW]	Wind/water type river current power generator structure
WO2012039635 A1 20120329	CN20112343924U 20110914	F03D9/00; F03B13/00	Xu Yuyi	Wind-and-water sharing power device
WO2012039688 A1 20120329	JP20100125350 20100531; JP20100130372 20100607; JP20100135106 20100614	F03D11/02; F03D1/06; F03D9/00	BIRUMEN KAGOSHIMA CO LTD [JP]	WINDDRIVEN ELECTRICITY GENERATION DEVICE
WO2012039822 A1 20120329	US201113304570 20111125; US201113018496 20110201; US20070705844 20070213	F03D9/00; F03D3/06; H05K13/00	MORGAN KEN [US]; SLATTERY MICHAEL [US]	WIND-DRIVEN ELECTRICITY GENERATION DEVICE WITH SEGMENTED ROTOR
WO2012039832 A1 20120329	CN20101558327 20101123	F03D9/00; F03D1/02; F03D1/06; F03D7/04; F03D11/04	Shanghai Baoersheng Trade Co., Ltd.;Li Fuyuan	Wind-driven generator
WO2012039889 A1 20120329	WO2009JP60906 20090616	F03D11/00; F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	WIND-DRIVEN GENERATOR

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WO2012040071 A2 20120329	CN20111385951 20111129	F03D1/06	UNIV JILIN	Wind-driven generator blade wing section
WO2012040320 A2 20120329	WO2009JP61502 20090624	F03D11/04	MITSUBISHI HEAVY IND LTD [JP]	WIND-DRIVEN GENERATOR DEVICE
WO2012040534 A2 20120329	CN20101270211 20100902; CN20112014730U 20110113	H02N2/18; F03D3/04; F03D9/00	YONG DING	Wind-driven generator generating power by aid of piezoelectric materials and auxiliary equipment of wind-driven generator
WO2012040536 A1 20120329	CN20112314619U 20110822	F03D11/00	BINZHOU LONGMA HEAVY INDUSTRY TECHNOLOGY CO LTD	Wind-driven generator hub
WO2012040538 A1 20120329	CN20101278939 20100913	F03D9/00; H02K16/00	XINGLU CONG	Wind-driven generator with stable rotation speed
WO2012040834 A1 20120405	CN20112370106U 20111008	E21B43/00; F03D9/00; F03D11/02	Li Lixian	Wind-driven oil pumping machine
WO2012041322 A2 20120405	TW100223622U 20111215	F03D9/00	HUANG CHUN-XIU [TW]	Wind-driven orbiting energy generating device structure
WO2012041326 A2 20120405	MD20100000131 20101118	F03D9/00; F03D9/02; F24D15/02	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]; INST DE ENERGETIC & ABREVE AL ACADEMIEI DE & SCEDIL TIIN & TCEDIL E A MOLDOVEI [MD]	Wind-driven plant for the production of thermal energy
WO2012041327 A2 20120405	RU20100147477 20101123	F03D3/00	PAKHALOV VJACHESLAV VARTANOVICH [RU]	WIND-DRIVEN PLANT WITH BLADE CONTROL UNIT
WO2012041527 A1 20120405	CN20112299995U 20110817	F03D9/00; F03D7/02; F03D11/02	SANY ELECTRIC CO LTD [CN]	Wind-driven power generator
WO2012041677 A1 20120405	CN20112187662U 20110603	F03D9/00; F03D3/06	Jiang Zhonghua	Wind-driven power generator

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WO2012041961 A1 20120405	CN20101517467 20101025	F03D1/00; F03D9/00	Liu Guolin	Wind-driven power plant
WO2012042076 A1 20120405	RU20100130397 20100720	F03D9/00	ARTAMONOV ALEKSANDR SERGEEVICH [RU]; ARTAMONOV EVGENIJ ALEKSANDROVICH [RU]	WIND-DRIVEN THERMAL POWER PLANT
WO2012042081 A1 20120405	CN20112350280U 20110919	F03D9/00	Wu Zhaofeng	Wind-driven type automatic water pumping system
WO2012042309 A1 20120405	CN20101507263 20101009	C02F7/00; A01K63/04; F03D9/00	Yancheng Xiongya Shock Absorber Co.,Ltd.	Wind-driven windmill aerator
WO2012042362 A1 20120405	DE201120103739U 20110715	F03D9/00	MOLITOR WILFRIED ERNST [DE]	Windenergie Elektrizitätswerk
WO2012042506 A2 20120405	DE201220002133U 20120229	F03D11/04; F03D7/02	GLUNZ JOSEF [DE]	Windenergieanlage
WO2012042507 A2 20120405	DE200710019513 20070425; WO2008DE00682 20080422	F03D7/02	AERODYN ENG GMBH [DE]	WINDENERGIEANLAGE
WO2012044089 A2 20120405	DE20011053644 20011031; WO2002EP09864 20020904	H02P9/30; F03D9/00; F03D11/02; F03D11/04; H02K19/26; H02P9/00; H02P9/36; H02P9/38	WOBLEN ALOYS [DE]	WINDENERGIEANLAGE MIT BERÜHRUNGSLOSEN ENERGIEÜBERTRAGUNGSMITTELN AUF DEN ROTOR
WO2012044213 A1 20120405	DE200720019340U 20071222	F03D11/04; F03D11/00	NORDEX ENERGY GMBH [DE]	Windenergieanlage mit einem Gehäusemodul zur Aufnahme elektrischer Betriebsmittel
WO2012044266 A2 20120405	DE201110014537 20110318	F03D11/00	NORDEX ENERGY GMBH [DE]	Windenergieanlage mit einem Rotorblatt und einem Blitzableiter

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WO2012044771 A1 20120405	DE20011027454 20010607	F03D7/02; F03D7/04; F03D11/00; H01H19/62	WOBLEN ALOYS [DE]	WINDENERGIEANLAGE MIT EINER EINE BET?TIGUNGSWELLE AUFWEISENDEN SCHALTVORRICHTUNG
WO2012044791 A1 20120405	DE200510034899 20050726; WO2006EP07410 20060726	F03D7/02	REPOWER SYSTEMS AG [DE]	WINDENERGIEANLAGE MIT EINZELPITCHEINRICHTUNGEN
WO2012045952 A1 20120412	DE201120108484U 20111130	F03D11/04	BENDIX HORST [DE]	Windenergieanlage mit horizontaler Rotorachse und mit unten liegendem Antrieb
WO2012046077 A1 20120412	DE201010055873 20101224	F03D11/04	AERODYN ENG GMBH [DE]	Windenergieanlage mit Hubschrauberlandeplattform
WO2012046909 A1 20120412	DE200810006766 20080130; DE200810012664 20080305; DE200810037768 20080814; WO2009DE00099 20090128	F03D11/00	REPOWER SYSTEMS AG [DE]	WINDENERGIEANLAGETURM ODER EIN SEGMENT DES WINDENERGIEANLAGETURMS MIT EINER T?R UMFASSEND EINE T?RZARGE
WO2012046969 A2 20120412	JP20020081808 20020322; WO2002JP13767 20021227	F03D1/04	KYUSHU TLO CO LTD [JP]	WINDENERGIEGENERATOR
WO2012047846 A1 20120412	KR20120025633 20120312	F03D5/00; F03D1/00; F03D3/00; F03D11/00	KIM SEOMG GU [KR]	WINDFORCE GENERATOR WING
WO2012047888 A2 20120412	CN20112331893U 20110906	F03D9/00; F03D3/04; F03D3/06; F03D7/06; F03D11/00	ZHUOZHONG LUO	Wind-gathering type horizontal high-efficiency low-cost wind-driven power generator

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WO2012048012 A2 20120412	DE201120109031U 20111207	F03D5/00	PLOEHN HARRY [DE]	Windgenerator zur Erzeugung kinetischer Energie aus Wind
WO2012048392 A1 20120419	PL20110396207 20110905	F03D11/04; F03D3/02; F03D3/06	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat corner driving system
WO2012048523 A1 20120419	PL20110396214 20110905	F03D11/04; F03D3/02; F03D3/04; F03D3/06	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat double engine wall driving system
WO2012048719 A1 20120419	PL20110396211 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat interstice driving system
WO2012048743 A1 20120419	PL20110396209 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat interstice driving system
WO2012049382 A1 20120419	PL20110396213 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat quadripartite engine wall driving system
WO2012049931 A1 20120419	PL20110396219 20110905	F03D11/04; F03D3/02; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat roof driving system
WO2012049932 A1 20120419	PL20110396218 20110905	F03D11/04; F03D3/00; F03D3/04	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat roof driving system
WO2012050540 A1 20120419	PL20110396205 20110905	F03D11/04; F03D3/02; F03D3/06; F03G7/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat triple engine corner driving system
WO2012050909 A1 20120419	PL20110396208 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat triple engine interstice driving system

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WO2012051008 A1 20120419	PL20110396212 20110905	F03D3/04; F03D3/00; F03D3/02; F03D9/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat triple engine wall driving system
WO2012051141 A2 20120419	PL20110396215 20110905	F03D11/04; F03D3/02; F03D3/04; F03D3/06; F03G7/00	POLITECHNIKA WROCLAWSKA [PL]	Wind-heat wall driving system
WO2012051382 A1 20120419	KR20100076057 20100806	B66B9/00; B66B11/02; B66B11/08; F03D11/04	KG INC [KR]	WINDING DEVICE FOR AEROGENERATOR TOWER LIFT
WO2012051828 A1 20120426	DE201220101790U 20120515	F03D9/00	MOELLER PATRICK HORST [DE]	Windkraftanlage
WO2012051851 A1 20120426	DE201220101185U 20120402	F03D11/00	SORG ALEXANDER [DE]	Windkraftanlage
WO2012052024 A1 20120426	DE201010063687 20101221	F03D11/04	SKF AB [SE]	Windkraftanlage
WO2012052029 A1 20120426	DE201110051732 20110711; DE201220100041U 20120105	F03D7/00	PCS POWER CONVERTER SOLUTIONS GMBH [DE]	Windkraftanlage
WO2012052123 A1 20120426	AT20100001846 20101110	F03D9/00; F03D1/04; F03G6/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE
WO2012052583 A1 20120426	AT20100001844 20101110	F03D9/00; F03D1/04; F03G6/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE
WO2012052793 A1 20120426	AT20110000591 20110428	F03D3/04; F03G6/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE
WO2012053258 A1 20120426	AT20100001845 20101110	F03D1/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE

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WO2012053424 A1 20120426	DE201120107656U 20111109	F03D9/02	FEHRINGER NICOLAJ [DE]	Windkraftanlage
WO2012053602 A1 20120426	AT20100001305 20100804	F03D1/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE
WO2012053876 A1 20120426	AT20100001304 20100804	F03D1/04; F03D9/00; F03G6/04	PENZ ALOIS [AT]	WINDKRAFTANLAGE
WO2012053988 A2 20120426	DE200810025719 20080529	F03D1/06; F03D1/04	FICHTNER KLAUS [DE]	WINDKRAFTANLAGE MIT AXIALEM LUFTEINTRITT UND RADIALEM LUFTAustrITT
WO2012054313 A1 20120426	DE201120107746U 20111112	F03D9/00; F03D3/00	KRAEMER PETER [DE]	Windkraftanlage mit Photovoltaik
WO2012054937 A1 20120426	DE201020016041U 20101202	F03D3/04; F03D3/02; F03D11/04	CARSTENS MANFRED [DE]	Windkraftanlage und Windpark
WO2012055313 A1 20120503	US20100843198 20100726	F03D7/00	GEN ELECTRIC [US]	Windkraftanlage variabler Frequenz
WO2012055378 A1 20120503	DE201220001513U 20120214	F03D9/00; F03D1/02; F03D1/04	MADER HERBERT [DE]	Windkraft-Anlagen
WO2012055418 A1 20120503	US20100968709 20101215	F03D1/06	GEN ELECTRIC [US]	Windkraftanlagenflügel mit modularer Vorderkante
WO2012055419 A2 20120503	US20100966173 20101213	F03D1/06	GEN ELECTRIC [US]	Windkraftanlagenflügel mit verbesserter Verbindungslinie und zugehöriges Verfahren
WO2012055443 A1 20120503	DE200810044900 20080829; WO2009EP59796 20090729	F03D11/00	WINERGY AG [DE]	WINDKRAFTANLAGENGETRIEBE
WO2012056064 A1 20120503	US20100961792 20101207	F03D1/06	GEN ELECTRIC [US]	Windkraftanlagen-Rotorblatt mit variabel betätigbarem durchlässigem Fenster
WO2012056226 A1 20120503	DE201020017419U 20100819	F03D3/04; F03D3/00; F03D3/02	SZATMARI FERENC [DE]	Windkraftwerk

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WO2012056482 A1 20120503	CN20112151724U 20110513	H02N6/00; F03D3/00; F03D9/00; H02J7/00; H02J9/00	Shanghai Qingpu District Experimental Middle School	Wind-light complementary generating set
WO2012058284 A1 20120503	CN20112234163U 20110705	F03D9/02; F03D3/06; G05D3/00; H02N6/00	GUANGXIAN ZHU	Wind-light complementary power generation device
WO2012058698 A1 20120503	CN20111430511 20111220	F24J2/00; F03D9/00; F24J2/05; F24J2/32; F24J2/46	Li Zhiyu	Wind-light complementary water heater
WO2012058761 A1 20120510	CN20112199092U 20110614	F03D9/00; F03D3/06; G05D3/00; H01L31/042	SHENYANG AEROSPACE UNIVERSITY	Wind-light complemented generating set
WO2012058787 A1 20120510	CN20101502351 20100930	H02J3/38; F03D3/06; F03D9/00; H02N6/00	Zhang Yuhui	Wind-light integrative power generation system
WO2012059107 A1 20120510	CN20101217119 20100702	F03D9/02; F01D15/10; F03G6/00; F24J2/00	Liu Haiyuan	Wind-light-fuel gas combined generating device
WO2012059463 A2 20120510	KR20100087608 20100907	F03D3/06; F03D11/00; F03D11/02	SIN YONG CHOL [KR]; SHIN HYUN WOO [KR]	WINDMILL
WO2012059466 A1 20120510	JP20100215323 20100927	F03D1/06	NAGABA YOSHISUKE	WINDMILL

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WO2012059516 A2 20120510	RU20100146964 20101117	F03D1/02; F03D1/04	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA VORON G ARKHITEKTURNO STR NYJ [RU]	WINDMILL
WO2012059591 A2 20120510	WO2010EP54382 20100331; DK20090000436 20090401	F03D3/00; F03D3/06; F03D11/04	EDGEFLOW APS [DK]	WINDMILL
WO2012060108 A1 20120510	CA20102714459 20100902; CA20112750081 20110819	F03D3/06; F03D3/00; F03D11/04	JONES-SAVARD PIERRE [CA]	WINDMILL AND ERECTING SYSTEM THEREFOR
WO2012060112 A1 20120510	NO20090002435 20090625; WO2010NO00246 20100624	F03D11/04; F03D1/00	UNI I STAVANGER [NO]	WINDMILL AND METHOD OF INSTALLATION, INTERVENTION OR DECOMMISSIONING
WO2012060370 A1 20120510	WO2010JP58905 20100526	F03D7/04	MITSUBISHI HEAVY IND LTD [JP]	Windmill control device and control method
WO2012060570 A2 20120510	US20100803813 20100707	F25J1/00; F03D9/00	BROWN JR CHARLES K [US]	Windmill driven, ocean floating atmospheric CO2 removal system
WO2012060731 A1 20120510	JP20100231793 20101014	F03D3/06; F03D11/04	BIRUMEN KAGOSHIMA CO LTD [JP]	Windmill of wind power generation device and window power generation device
WO2012060800 A1 20120510	JP20100150946 20100701	F03D7/04; F03D9/02	NABTESCO CORP [JP]; HIBINO TOSHIHARU [JP]; KODAMA HARUO [JP]	WINDMILL PITCH CONTROL DEVICE
WO2012061859 A2 20120518	WO2009JP71574 20091225	F03D11/00; F03D1/06	MITSUBISHI HEAVY IND LTD [JP]	Windmill rotary vane

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WO2012061860 A2 20120518	JP20090296159 20091225; WO2010JP73347 20101224	F03D11/00; F03D1/06	mitsubishi heavy ind ltd [JP]	windmill rotary vane and wind power generating windmill
WO2012061953 A1 20120518	KR20100077697 20100812	F03D1/06; F03D11/00	KIM JIN SEO [KR]; KIM NAM KUNG [KR]	WINDMILL STRUCTURE
WO2012062327 A2 20120518	JP20100228443 20101008	F03D3/06	ISHIMINE SUNAO	WINDMILL UNIT AND WIND POWER GENERATOR
WO2012062352 A1 20120518	GB20100016621 20101002	F03D1/06	PARFITT DUNCAN JAMES [GB]	Windmill with apertured flexible vanes
WO2012063576 A1 20120518	KR20100113351 20101115	F03D1/06; F03D11/00; H01L31/042	KOREA ENERGY CO LTD [KR]	WINDMILL WITH SOLAR-CELL PANEL
WO2012064112 A2 20120518	DE201010056456 20101229	H02J3/38; F03D7/00; H02J3/18	REPOWER SYSTEMS AG [DE]	Windpark und Verfahren zum Betreiben eines Windparks
WO2012064125 A1 20120518	DE200410060943 20041217; WO2005EP13508 20051215	H02J3/18; F03D9/00	REPOWER SYSTEMS AG [DE]	WINDPARKLEISTUNGSREGELUNG UND -VERFAHREN
WO2012064335 A1 20120518	US20100963838 20101209	F03D9/02	LU SHUN-TSUNG [TW]	WIND-POWER AND HYDRAULIC GENERATOR APPARATUS
WO2012064353 A1 20120518	CN20111150323 20110607	F03D11/00; F03D9/02	Zheng Xia	Wind-power derrick
WO2012064357 A1 20120518	TW20100119751 20100617	F03D11/00; F03D1/00	NAT UNIV CHIN YI TECHNOLOGY [TW]	Wind-power electricity generating device
WO2012065584 A2 20120524	CN20111171837 20110624	H02K7/10; F03D9/00; H02K7/116; H02K7/18	Institute of Electrical Engineering, Chinese Academy of Sciences	Wind-power generating set
WO2012065611 A1 20120524	KR20110082684 20110819	F03D9/00; B60L8/00	CHOI SANG GIL [KR]	WINDPOWER GENERATION APPARATUS FOR THE VEHICLE

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WO2012065613 A1 20120524	JP20090183532 20090806; WO2010JP58619 20100521	F03D7/04; F03D9/00; H02P9/00	MITSUBISHI HEAVY IND LTD [JP]	Wind-power generation device, control method for wind-power generation device, wind-power generation system, and control method for wind-power generation system
WO2012065992 A1 20120524	JP20100230744 20101013	F03D3/02; F03D11/04	WIND SMILE CO LTD [JP]; ADC TECHNOLOGY INC [JP]; FUKUDOME SHUZO [JP]	WIND-POWER GENERATOR
WO2012066107 A2 20120524	JP20100230743 20101013	F03D11/04; F03D3/02; F03D3/06	WIND SMILE CO LTD [JP]; ADC TECHNOLOGY INC [JP]; FUKUDOME SHUZO [JP]	WIND-POWER GENERATOR AND TOWER STRUCTURED PROVIDED THEREWITH
WO2012066517 A2 20120524	CN20112401985U 20111020	F03D7/00; G01B7/30	REENERGY ELECTRIC SUZHOU CO LTD	Wind-power pitch-control system
WO2012066550 A1 20120524	RU20100126558 20100630	F03D3/04; F03D9/00	SULIMOV PAVEL SERGEEVICH [RU]; VJAZOVTSEV ALEKSEJ VLADIMIROVICH [RU]	WIND-POWER PLANT AND WIND-DRIVEN GENERATOR
WO2012066789 A1 20120524	DE201010039091 20100809	F03D1/06; B21D53/00; B23P13/02; F03D3/06	KRESS HAASE MICHAELA [DE]	Wind-power plant has rotor comprising rotor blade that is formed by deformation technique
WO2012066790 A1 20120524	US20100373414P 20100813; DK20100000712 20100813	F03D9/00; F03D7/04; H02J3/24	VESTAS WIND SYS AS [DK]; TARNOWSKI GERMAN CLAUDIO [DK]	WIND-POWER PRODUCTION WITH REDUCED POWER FLUCTUATIONS
WO2012067287 A1 20120524	WO2010SE50331 20100325; SE20090050280 20090427	F03D11/00; F03D3/00	VERTICAL WIND AB [SE]	WIND-POWER UNIT HAVING A VERTICAL TURBINE SHAFT
WO2012067533 A1 20120524	JP20100149098 20100630	F03D11/00	MITSUBISHI HEAVY IND LTD [JP]; MATSUO TAKESHI [JP]; MIYAMOTO SHINICHI [JP]	WIND-POWERED ELECTRICITY GENERATOR

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WO2012068466 A1 20120524	TW100216383U 20110902	F03D9/00	PROCEDURE TECHNOLOGY CORP [TW]	Wind-powered lighting device
WO2012068536 A1 20120524	CN20112139462U 20110505	F21S9/04; F03D9/00; F21V17/02	SUZHOU SUNLIGHT WELL PHOTOVOLTAIC TECHNOLOGY CO LTD	Wind-powered street lamp
WO2012069058 A1 20120531	US20100881575 20100914	G01R11/00; B61B7/06; B61C3/00; B61D15/00; F03D5/04; G01R21/00	HARRINGTON ELECTRONICS LLC	WIND-POWERED TRANSPORTATION AND ELECTRIC POWER GENERATION SYSTEM
WO2012069062 A1 20120531	CN20112404469U 20111021	F03D9/02	Dongguan Kewang Network Energy Co.,Ltd.	Wind-power-to-air-pressure energy storage generating system
WO2012069274 A1 20120531	DE201010052947 20101130	F03D3/04; F03D3/02	RAATZ ERICH [DE]	Windrichtungsunabhängige Windturbine mit vertikalem Rotor, mehrröhiger Einleitflächenkonstruktion und tropfenförmig profilierten Rotorflügeln
WO2012069631 A1 20120531	DE201220001249U 20120207	F03D3/04; F03D3/02; F03D3/06	NEUTAG ECKHARD [DE]	Windschaufelrad
WO2012069843 A1 20120531	CN20112377386U 20110930	B60L8/00; B60K16/00; F03D9/00	Qiu Zhenliang	Wind-solar complementary energy-saving vehicle
WO2012069905 A2 20120531	CN20112216645U 20110624	G09F13/02; F03D9/00; H02J7/00	Wuhan Unicom Electric Engineering Co.,Ltd.	Wind-solar hybrid display system
WO2012070115 A1 20120531	CN20111349460 20111108	H02J9/00; F03D9/00; H02N6/00	Wuxi Anyda New Energy Technology Co., Ltd.	Wind-solar hybrid energy saving multifunction service center apparatus
WO2012070771 A2 20120531	CN20112217545U 20110624	G09F13/02; F03D9/00; H02J7/00	ZKenergy Science & Technology Co., Ltd.	Wind-solar hybrid outdoor upright column advertising board

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WO2012070984 A1 20120531	AT20110000628U 20111121	F03D3/04	TAIBL MANFRED [AT]	WINDSTRÍMUNGSMODUL ZUR STROMERZEUGUNG
WO2012071645 A1 20120607	AT20100001307 20100804	F03D7/02	PENZ ALOIS [AT]	WINDTURBINE
WO2012071679 A1 20120607	FR20100060253 20101208	F03D1/06	INEO DEFENSE [FR]	Wind-turbine blade with reduced radar signature and wind turbine provided with such a blade
WO2012072007 A1 20120607	JP20100238043 20101022	F03D11/00	MINITUBISHI HEAVY IND LTD [JP]	WIND-TURBINE BLADE, WIND POWER GENERATOR EQUIPPED WITH THE SAME, AND DESIGN METHOD FOR THE SAME
WO2012072063 A2 20120607	JP20100238042 20101022	F03D11/00	MINITUBISHI HEAVY IND LTD [JP]	WIND-TURBINE BLADE, WIND POWER GENERATOR EQUIPPED WITH THE SAME, AND DESIGN METHOD FOR THE SAME
WO2012072375 A1 20120607	JP20100238040 20101022	F03D11/00	MINITUBISHI HEAVY IND LTD [JP]	WIND-TURBINE BLADE, WIND POWER GENERATOR EQUIPPED WITH THE SAME, AND DESIGN METHOD FOR THE SAME
WO2012073124 A1 20120607	JP20100238039 20101022	F03D11/00; F03D9/00	MINITUBISHI HEAVY IND LTD [JP]	WIND-TURBINE BLADE, WIND POWER GENERATOR EQUIPPED WITH THE SAME, AND DESIGN METHOD FOR THE SAME
WO2012073320 A1 20120607	JP20100238038 20101022	F03D11/00; F03D9/00	MINITUBISHI HEAVY IND LTD [JP]	WIND-TURBINE BLADE, WIND POWER GENERATOR EQUIPPED WITH THE SAME, AND DESIGN METHOD FOR THE SAME
WO2012073321 A1 20120607	DK20070000789 20070531; US20070941120P 20070531; WO2008DK00200 20080530	F03D7/02	VESTAS WIND SYS AS [DK]	WINDTURBINE MIT RESONANZSTEUERSYSTEM
WO2012073486 A1 20120607	TW100216567U 20110905	F03D7/04	LEE TSUNG-CHIEH [TW]	Wind-turbine rotational speed automatic safety control device

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WO2012073502 A1 20120607	WO2010CR00002 20101028	F03D1/06	UNIV DE COSTA RICA [CR]; ACOSTA NASSAR CARLOS [CR]	WIND-TURBINE ROTOR
WO2012073504 A2 20120607	DK20070001048 20070714; WO2008DK00263 20080711	F03D7/02; F03D7/04	VESTAS WIND SYS AS [DK]	WINDTURBINE SOWIE VERFAHREN ZUM AUSGLEICH VON UNTERSCHIEDEN BEI EINEM WINDTURBINENROTORBLATTWINKELVERSTELLSYSTEM
WO2012073505 A1 20120607	IT2009MC00122 20090520	F03D1/06; F03D7/02	MAIT SPA [IT]	WINDTURBINE UND EINRICHTUNG ZUR VERSTELLUNG DES BLATTEINSTELLWINKELS
WO2012073813 A1 20120607	EP20080158057 20080611; WO2009EP57239 20090611	F03D7/02; F03D9/02	FLEXENCLOSURE AB [SE]	WINDTURBINE UND ENERGIEVERSORGUNGSSYSTEM
WO2012074179 A1 20120607	WO2005DK00487 20050708	F03D3/06; B60B27/02; F16C35/063	VESTAS WIND SYS AS [DK]	WINDTURBINE, NABE FÜR EINE WINDTURBINE UND VERWENDUNG DAVON
WO2012074311 A2 20120607	DK20070001526 20071023; WO2008DK00371 20081022	F03D11/02; F01D5/02; F16D1/033	VESTAS WIND SYS AS [DK]	WINDTURBINE, VERFAHREN ZUR KOPPLUNG EINER ERSTEN ANTRIEBSSTRANGKOMPONENTE DES ANTRIEBSSTRANGS EINER WINDTURBINE MIT EINER ZWEITEN ANTRIEBSSTRANGKOMPONENTE DES ANTRIEBSSTRANGS UND VERWENDUNG EINER WINDTURBINE
WO2012074432 A1 20120607	WO2010JP69318 20101029	F03D11/00; F03D7/00; H02J13/00; H02P9/00	MITSUBISHI HEAVY IND LTD [JP]	WIND-TURBINE-GENERATOR CONTROL SYSTEM, WIND, FARM, AND WIND-TURBINE-GENERATOR CONTROL METHOD
WO2012074674 A2 20120607	DK20100070569 20101221	F03D1/06	ENVISION ENERGY DENMARK APS [DK]	Windturbinenblatt

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012075566 A1 20120614	GB20080013240 20080718; US20080135337P 20080718; WO2009EP05211 20090717	F03D1/06	VESTAS WIND SYS AS [DK]	WINDTURBINENBLATT
WO2012075607 A1 20120614	DK20060000913 20060703; WO2007DK00337 20070703	F03D11/00	VESTAS WIND SYS AS [DK]	WINDTURBINENPR?FSYSTEM
WO2012075944 A1 20120614	WO2005DK00702 20051103	F03D1/06; F03D11/00	VESTAS WIND SYS AS [DK]	WINDTURBINENSCHAUFEL MIT EINEM ODER MEHREREN SCHWINGUNGSD?MPFERN
WO2012076012 A1 20120614	CN20112259304U 20110721	F03D11/00	SHANGHAI HING WAH HONEYCOMB BUILDING MATERIAL CO LTD	Windward end of wind wheel blade of honeycomb board wind power generator
WO2012076015 A2 20120614	CN20101272244 20100906	F03D9/00; F03B13/06	Chen Qian	Wind-water combined wind-driven power generation system
WO2012076113 A1 20120614	CN20112343919U 20110914	F03D9/00; F03B13/00	Yu Hongyi	Wind-water electricity generation device
WO2012076178 A1 20120614	CN20112343926U 20110914	F03D9/02; F03B13/00	Xu Yuyi	Wind-water shared power unit
WO2012076892 A1 20120614	CN20111279648 20110920	F03D11/00; B61B12/00; B64C27/32; B64D27/02; F03B3/14; F03B13/00; F03D9/00	Luo Conggui	Wing ring, four wing ring mechanisms, two wing ring airplanes and wing ring counter-pulling wind power mechanism
WO2012077009 A2 20120614	US20100947074 20101116	F03D1/06	GEN ELECTRIC [US]	WINGLET FOR WIND TURBINE ROTOR BLADE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012077118 A2 20120614	CN20112265063U 20110726	H04W84/18; F03D11/00	JIANHUA WU	Wireless sensor network apparatus for wind turbine generator set intelligent early warning emergency system
WO2012077618 A1 20120614	CN20111313548 20111017	F03D7/00	FENGFA WANG	Wireless signal transmission system
WO2012077861 A1 20120614	DE201010026649 20100709	F16C19/00; F03D11/04; F16C33/60	SCHAEFFLER TECHNOLOGIES GMBH [DE]	Wöhlager zur Rotorlagerung einer Windkraftanlage
WO2012078165 A2 20120614	DE201220002913U 20120207	F03D11/04; F16C19/00; F16C19/54	IMO HOLDING GMBH [DE]	Wöhlageranordnung
WO2012078494 A1 20120614	KR20100065934 20100708	F03D11/00; F03D1/00; F03D11/02	SAMSUNG HEAVY IND [KR]	WORK DECK AND WIND POWER GENERATOR USING THEREOF
WO2012078935 A2 20120614	WO2010DK50073 20100330; DK20090000454 20090402; DK20090070195 20091110; DK20100070053 20100212	F03D1/00; F03D11/04	LM GLASFIBER AS [DK]	WORK PLATFORM
WO2012079199 A1 20120621	DE201010060639 20101117	E04G3/24; F03D11/00; F03D11/04	ASMUS ARBEITSBUEHNEN UND HEBEZEUGE GMBH & CO KG [DE]	Working platform system for complete inspection of rotor blades of wind power plants, has carrier device comprising movable suspension device, and working platform containing approximate horizontal position even during irregular loading
WO2012079555 A1 20120621	JP20100165889 20100723	B63B35/00; B63B22/20; B63B35/44; B63B43/06; F03D9/00; F03D11/04	IHI MARINE UNITED INC [JP]; AWASHIMA YUJI [JP]; YOSHIMOTO HARUKI [JP]	WORKING SYSTEM FOR FLOATING STRUCTURE, FLOATING STRUCTURE, WORKING SHIP, AND WORKING METHOD FOR FLOATING STRUCTURE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012079574 A1 20120621	US20100850346 20100804	F03D7/02; F03D11/00	GEN ELECTRIC [US]	Yaw assembly for use in wind turbines
WO2012079579 A1 20120621	US201113315371 20111209	F03D11/04; F03D1/00; F03D11/00	GEN ELECTRIC [US]	YAW BEARING ASSEMBLY AND TOWER FOR WIND TURBINE
WO2012079584 A1 20120621	US20100872511 20100831	F03D11/00; F03D7/04; F16H57/04	GEN ELECTRIC [US]	Yaw bearing cleaning assembly for wind turbine
WO2012079585 A2 20120621	US20100826036 20100629	F03D11/00; F03D1/00; F03D11/02	GEN ELECTRIC [US]	YAW BEARING SYSTEM
WO2012081008 A1 20120621	CN20112366894U 20110930	F03D7/00; F16D65/02	Beijing Tianyuan Science & Technology Creation Windpower Technology Co., Ltd.	Yaw brake disc for wind power generator set
WO2012081765 A1 20120621	CN20112291648U 20110811	F03D7/00	SINOVEL WIND GROUP CO LTD [CN]	Yaw control system of wind driven generator
WO2012081793 A1 20120621	CN20112150194U 20110512	F03D7/00	Suzhou Tepu Wind Energy Technology Co., Ltd.	Yaw control system used for wind power generation
WO2012081862 A2 20120621	CN20111451541 20111229	F03D7/00; F16H1/32	Dalian Huarui Heavy Industry Group Co., Ltd.;Dalian Huarui Special Transmission Equipment Co., Ltd.	Yaw drive for wind generating set
WO2012081926 A2 20120621	WO2010JP63848 20100817; JP20090196586 20090827	F03D7/04; F03D11/00	NABTESCO CORP [JP]	YAW DRIVING DEVICE FOR WIND TURBINE

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012082324 A1 20120621	WO2010EP52863 20100305; SE20090050127 20090305; US20090186211P 20090611	F03D7/02	GE WIND ENERGY NORWAY AS [NO]	YAW SYSTEM FOR A WINDMILL
WO2012082953 A2 20120621	KR20100104825 20101026	F03D11/00; F16D65/095; F16D65/18	SAMSUNG HEAVY IND [KR]	YAW SYSTEM FOR WIND TURBINE
WO2012083958 A2 20120628	CN20111280675 20110921	F03D7/00	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	Yaw system of marine wind generator system and operation method thereof
WO2012083961 A1 20120628	CN20111243605 20110823	F03D7/02	GUODIAN UNITED POWER TECH CO	Yawing sector management and optimized control system and method for wind generating set
WO2012083962 A1 20120628	CN20112292371U 20110812	F16N13/06; F03D11/00; F16H57/04	NANJING WIND POWER TECHNOLOGY CO LTD	Yawing self-lubrication device of wind turbine
WO2012083963 A1 20120628	CN20112289153U 20110810	H02J3/38; F03D9/00	GUODIAN UNITED POWER TECH CO	Zero-voltage ride through system for double-fed wind generator
WO2012084016 A1 20120628	HU20100000456 20100830	F03D3/04	ACSI MARK [HU]	ZIMMERMANN'S AIR WING
WO2012085351 A1 20120628	DE201010054365 20101213; DE201110010177 20110202; DE201110109217 20110803	F03D3/02; F03D3/04	STEEL DENNIS PATRICK [DE]	Zwillingsturbinensystem, das dem Wind/Wasser folgt (Windtracker), f³r Wind und/oder Wasserkraft

Número do Documento	Prioridade (s)	Classificação Internacional de Patentes	Depositante	Título
WO2012087298 A1 20120628	DE201010045915 20100921; DE201010054365 20101213; DE201110010176 20110202; DE201120101729U 20110611; DE201110109215 20110803	F03D3/02; F03D3/04	STEEL DENNIS PATRICK [DE]	Zwillingsturbinensystem, das dem Wind/Wasser folgt (Windtracker), für Wind- und/oder Wasserkraft, mit optimierter Flügelform

Anexo 1: Códigos dos Principais Países

Código	País	Código	País
AR	Argentina	IN	Índia
AT	Áustria	IS	Islândia
AU	Austrália	IT	Itália
BE	Bélgica	JP	Japão
BG	Bulgária	KR	República Da Coreia
BR	Brasil	LU	Luxemburgo
BS	Bahamas	LV	Letônia
CA	Canadá	MA	Marrocos
CH	Suíça	MD	Republica Moldova
CN	China	MX	México
CZ	República Tcheca	NL	Holanda
DE	Alemanha	NO	Noruega
DK	Dinamarca	NZ	Nova Zelândia
DZ	Argélia	OA	African Intellectual Property Organization (OAPI) ¹
EA	Organização de Patentes da Eurásia (EAPO) ¹	PH	Filipinas
EE	Estônia	PL	Polónia
EG	Egito	PT	Portugal
EP	Organização Europeia de Patentes (EPO) ¹	RO	Romênia
ES	Espanha	RU	Federação Russa
FI	Finlândia	SE	Suécia
FR	França	SG	Singapura
GB	Reino Unido	SI	Eslovênia
GR	Grécia	SK	Eslováquia
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	TR	Turquia
HR	Croácia	TW	Taiwan
HU	Hungria	UA	Ucrânia
ID	Indonésia	US	Estados Unidos
IE	Irlanda	WO	Organização Mundial de Propriedade Intelectual (WIPO) ²
IL	Israel	ZA	África do Sul

Fonte: <http://www.wipo.int/export/sites/www/scit/en/standards/pdf/030301.pdf>, acesso: março 2008

¹ A OAPI é um organismo intergovernamental encarregado de emitir títulos de proteção dos direitos de propriedade industrial e de prestar serviços relacionados com a propriedade industrial para cada um dos Estados-membros. Aplica uma legislação uniforme que tem lugar de lei nacional para cada um dos Estados-Membros: o Acordo de Bangui. Estes títulos de proteção têm efeito automático em cada um dos seguintes Estados-membros: Benim, Burquina Faso, Camarões, África Central, Congo, Costa do Marfim, Gabão, Guiné, Guiné Bissau, Guiné Equatorial, Mali, Mauritânia, Nigéria, Senegal, Chade e Togo.

² O código "WO" é utilizado para a publicação internacional dos pedidos depositados via Tratado de Cooperação em Matéria de Patentes (PCT) em qualquer um dos países receptores destes pedidos.