

Pedidos de Patente sobre Energia Nuclear – nº 5



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Diretoria de Cooperação para o Desenvolvimento - DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
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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) têm como uma de suas atribuições divulgar e disseminar informações bibliográficas e técnicas contidas em documentos de patentes. 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 patente¹.

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 divulgação (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, divulgar os títulos dos pedidos de patentes 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 Patente²: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes³: <http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes⁴: <http://uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) (família do pedido de patente⁵) 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.

INPI/DICOD/CEDIN:

Instituto Nacional da Propriedade Industrial – INPI

Diretoria de Cooperação para o Desenvolvimento - DICOD

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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**](mailto: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 somente pedidos depositados e publicados 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 patentes sobre Energia Nuclear

A energia nuclear, também conhecida como energia atômica, é aquela que resulta do processo de fissão ou fusão de núcleos atômicos. Procedendo-se uma análise comparativa com a energia resultante dos processos químicos, que tem origem nas regiões externas dos átomos, a quantidade de energia liberada nos processos nucleares é, na maioria dos casos, imensamente maior.

A geração de energia nuclear é baseada em dois processos: fissão e fusão. No processo de geração energética por fissão atômica objetiva-se aproveitar a energia resultante da subdivisão do núcleo enquanto que no processo de fusão, pelo menos dois núcleos se unem produzindo um novo núcleo. Entretanto, na geração de energia elétrica em usinas nucleares, apenas o processo de fissão é empregado.

De acordo com a publicação da ELETRONUCLEAR - ELETROBRAS, “Panorama da Energia Nuclear no Mundo, edição de novembro de 2011”, baseada em dados da Agência Internacional de Energia Atômica – AIEA, órgão das Nações Unidas sediado em Viena-Áustria, estão em operação 434 reatores nucleares comerciais, distribuídos em 30 países, que concentram 2/3 da população mundial

A despeito das polêmicas causadas pelo potencial uso militar do combustível nuclear altamente enriquecido, como também pelos acidentes na usinas nucleares de Chernobyl, na Ucrânia, em 1986, e em Fukushima, Japão em março de 2011, a geração de energia elétrica oriunda das centrais nucleares contribui, conforme dados da AIEA, com 14% da produção global, sendo suplantada apenas pela energia elétrica proveniente da queima de carvão e de gás natural.

Ao longo dos últimos vinte anos, os constantes aperfeiçoamentos nas tecnologias de geração nuclear permitiram ganhos de eficiência das usinas já implantadas, proporcionando, segundo informe da WNA - World Nuclear Association, expressivo aumento na capacidade de produção mundial.

De acordo com o relatório da AIEA, a geração de energia a partir de centrais nucleares continuará em crescimento, apesar da taxa de expansão de construção de novas usinas ter diminuído após o evento em Fukushima. Ainda assim, em 2011 sete novos reatores entraram em operação e outros 65 estão em construção,

distribuídos em 15 países, que concentram metade da população mundial. Ainda de acordo com a AIEA, outros 65 países expressaram interesse em desenvolver tecnologia nuclear para construção de reatores.

As projeções mais recentes da AIEA estimam um aumento da capacidade global de geração energética em usinas nucleares dos atuais 370GW para valores entre 510GW e 810GW em 2030.

Diante de tal cenário, o INPI tomou a decisão de publicar o alerta tecnológico sobre energia nuclear, partir de dezembro de 2010, como forma de subsidiar os interessados no desenvolvimento de tecnologia endógena no que concerne ao setor nuclear. Para tanto, no presente trabalho foram coletadas informações dos documentos de patente publicados em todo o mundo no primeiro semestre de 2012, permitindo assim a melhor identificação do estado da técnica referente ao assunto.

A metodologia para seleção dos pedidos de patente do presente levantamento considerou relevantes todos os documentos incluídos em pelo menos um dos grupos da Classificação Internacional de Patentes, constantes da subseção: **G21** – Física Nuclear e Energia Nuclear.

2. RESULTADOS

2.1 - Mundo

Na elaboração do presente trabalho, foram utilizados os dados constantes do banco de dados do Escritório Europeu de Patentes - EPO. O período selecionado para pesquisa compreendeu os todos pedidos de patente publicados no mundo entre 01/01/2012 até 30/06/2012, sendo os resultados expostos a seguir.

A busca realizada no sistema resultou num total de 1992 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 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, o que não se verifica na maioria dos pedidos. Entretanto, deve-se considerar que alguns depositantes optam por não efetuar seus pedidos prioritários primeiramente nos países onde residem, motivados por fatores diversos, tais como: a preferência por outros países que possuem mercados mais atrativos e/ou aqueles nos quais as diversas etapas do processo concessório são mais rápidas.

Assim, a observação do número de prioridades, nem sempre indica a origem da tecnologia contida nos documentos de patentes publicados, devendo-se proceder análises mais profundas para elaborar uma avaliação mais precisa do potencial de desenvolvimento tecnológico de cada país, dependendo do assunto abordado.

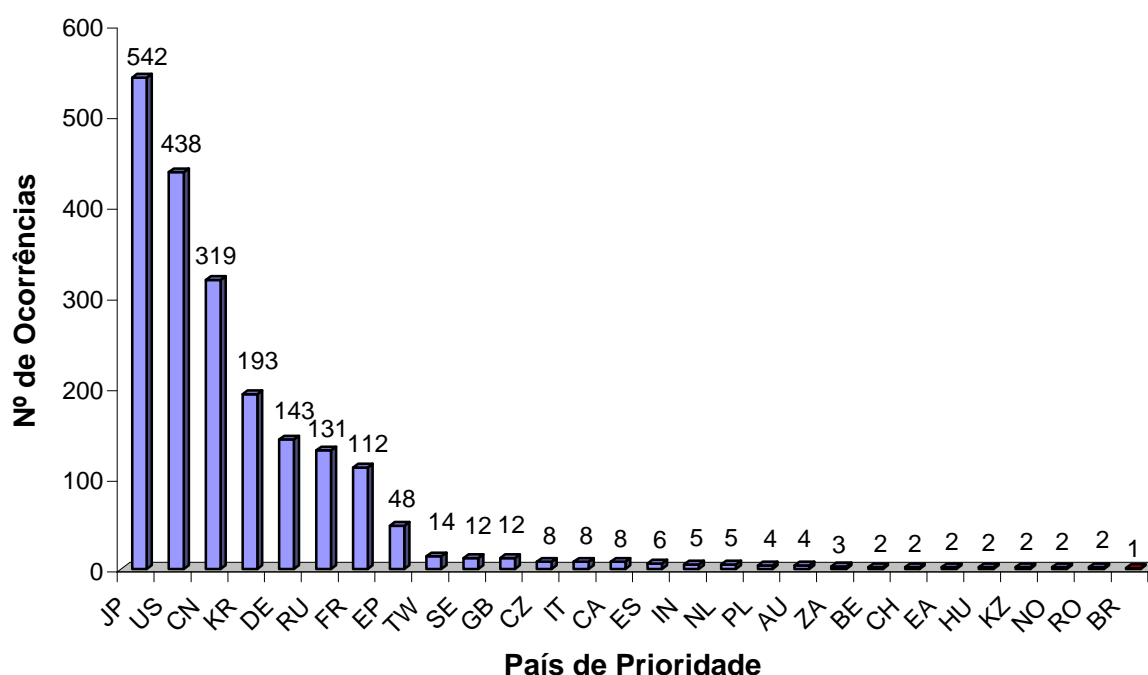
Os documentos prioritários identificados nas pesquisas efetuadas estão distribuídos por trinta e cinco países e dois escritórios internacionais: WIPO – World Intellectual Property Office (designados com a sigla WO) que corresponde aos depósitos feitos através do sistema PCT – Patent Cooperation Treaty e EPO – European Patent Office, designados pela sigla EP.

O **Gráfico 1** mostra que no total de documentos prioritários, foram encontrados 542 documentos com prioridade japonesa. Este número representa

27,20% das prioridades consideradas, o mais elevado percentual dentre os países listados no presente levantamento. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patentes, somando 438 documentos, o que representa 21,98% do total. A China ocupa a terceira posição no ranking de prioridades com 319 pedidos publicados, equivalendo a 16,01% do total. Além destes países aparecem ainda a Coréia do Sul com 193 pedidos, e a Alemanha com 143 pedidos os quais respondem respectivamente por 9,68% e 7,17% dos pedidos prioritários publicados no período em questão. Cabe ressaltar que em relação ao último alerta publicado a Alemanha subiu da sétima para a quinta posição, superando a Rússia, e a França caiu da quinta para a sétima posição no ranking atual.

O Brasil ocupa a vigésima nona posição com apenas um único depósito prioritário, no qual a única prioridade reivindicada é oriunda de uma instituição de pesquisa com sede na Espanha.

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 códigos dos principais países constam do **Anexo I**.

De acordo com o Gráfico 1 os seis principais países de prioridade são:

JP – Japão

US – Estados Unidos da América

CN – China

KR – Coréia do Sul

DE - Alemanha

RU – Rússia

FR - França

Ainda com base no **Gráfico 1**, pode-se identificar a concentração tecnológica, refletida no número de pedidos de prioridade publicados. Considerando-se o primeiro semestre de 2012, dentre os 1992 pedidos, que foram depositados por

trinta e cinco países, nota-se que os sete primeiros colocados: Japão, Estados Unidos, China, Coréia do Sul, Alemanha, Rússia e França detêm 94% dos pedidos, enquanto que os outros vinte e oito países que constam do levantamento respondem apenas por 6% dos pedidos de prioritários.

De acordo com os dados da **Tabela 3** nota-se que, tal como observado nos alertas anteriormente publicados, os Estados Unidos foram o principal alvo dos pedidos de patente de não residentes, refletido no elevado número de depósitos prioritários efetuados por estrangeiros que totalizou 115 pedidos. O Japão aparece em segundo lugar, contando com 66 pedidos prioritários de origem estrangeira no primeiro semestre de 2012 e a Coréia do Sul aparece em terceiro lugar com 38 depósitos prioritários de origem externa, ambos superando a China em relação ao último alerta, já que este país conta com 29 pedidos no atual período considerado. A Federação Russa manteve a quinta posição neste quesito contando com 16 pedidos com prioridade estrangeira, e a Alemanha deteve a sexta posição com 11 pedidos originados em outros países.

A pesquisa realizada também nos permitiu verificar quais eram os principais depositantes que buscaram a proteção patentária em energia nuclear no período em análise.

Na **Tabela 1**, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados e seus respectivos países de origem, no primeiro semestre de 2012. Cabe ressaltar que um mesmo pedido de patente pode ter mais de um depositante. O critério adotado foi selecionar os representantes com mais de dez incidências como depositante, o que totalizou 32 depositantes, que estão distribuídos dentre sete países de origem.

Tabela 1: Relação dos principais depositantes dos países com pedidos de patente e o número de incidências no 1º semestre de 2012.

Depositante	Total de Documentos
MITSUBISHI HEAVY IND LTD [JP]	87
TOSHIBA CORP [JP]	83
HITACHI GE NUCLEAR ENERGY LTD [JP]	63
KOREA ATOMIC ENERGY RES [KR]	49
KOREA HYDRO & NUCLEAR POWER CO [KR]	45
CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD [CN]	45
COMMISSARIAT ENERGIE ATOMIQUE [FR]	38
WESTINGHOUSE ELECTRIC CORP [US]	35
CHINA NUCLEAR POWER ENG CO LTD [CN]	32
TOSHIBA KK [JP]	32
AREVA NP GMBH [DE]	27
SIEMENS AG [DE]	22
GE HITACHI NUCL ENERGY AMERICA [US]	21
FUJIFILM CORP [JP]	19
KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	18
CANON KK [JP]	18
KONINKL PHILIPS ELECTRONICS NV [NL]	17
GEN ELECTRIC [US]	16
AREVA NP [FR]	15
UNIV TSINGHUA [CN]	14
NUCLEAR POWER INST CHINA [CN]	14
ASML NETHERLANDS BV [NL]	14
IHI CORP [JP]	13
CHINA INST ATOMIC ENERGY [CN]	13
SEARETE LLC [US]	12
AREVA NC [FR]	12
HITACHI LTD [JP]	12
GLOBAL NUCLEAR FUEL AMERICAS [US]	11
MITSUBISHI ELECTRIC CORP [JP]	10
ATOMIC ENERGY OF CANADA LTD [CA]	10
JAPAN ATOMIC ENERGY AGENCY [JP]	10
PHILIPS INTELLECTUAL PROPERTY [DE]	10

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

*Os códigos dos principais países constam do **Anexo I**

Com base na **Tabela 1** acima, referente aos 32 principais depositantes em nível mundial, no primeiro semestre de 2012, nota-se o amplo predomínio de representantes do Japão, que possui oito empresas e uma agência governamental, somando 347 ocorrências no período.

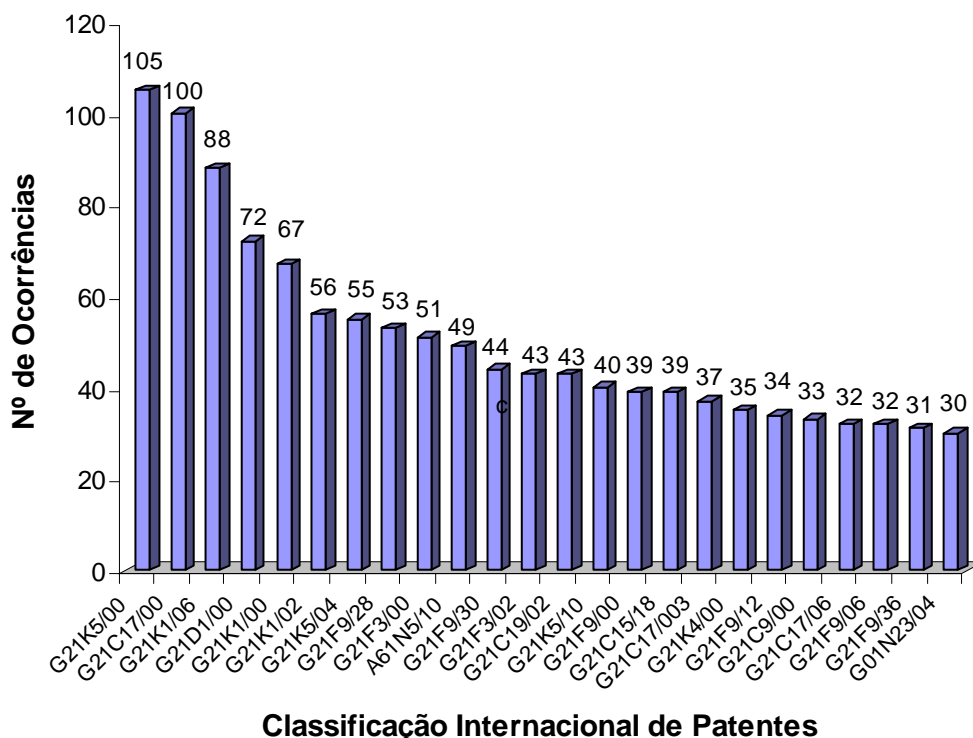
Ainda com relação aos principais depositantes de patentes mundiais em energia nuclear no primeiro semestre de 2012, constata-se que a China permaneceu

no segundo lugar com cinco depositantes perfazendo 118 ocorrências. A Coréia do Sul também manteve o em terceiro lugar com 112 ocorrências oriundas de três depositantes. Os Estados Unidos subiram da sexta para a quarta posição com cinco representantes totalizando 95 ocorrências. A França subiu do sexto para o quinto lugar no ranking, contando com 65 ocorrências, originadas em três representantes. A Alemanha aparece em sexto lugar com 59 ocorrências, oriundas de três empresas, a Holanda manteve o sétimo lugar com 31 ocorrências originadas em duas empresas.

No que concerne as áreas tecnológicas de maior concentração dos pedidos de patente publicados no primeiro semestre de 2012, tendo como parâmetro o número de incidências igual ou superior a trinta. Assim, foram identificados vinte e quatro grupos da Classificação Internacional de Patentes (CIP) nos quais estavam distribuídos os documentos encontrados na pesquisa, sendo a grande maioria pertencente ao grupo principal **G21K5/00**, que é referente a “Dispositivos de Irradiação”.

O **Gráfico 2**, a seguir, permite visualizar a distribuição das principais tecnologias relacionadas à energia nuclear, segundo os códigos da Classificação Internacional de Patentes (CIP), que foram objeto de interesse dos depositantes, refletido nos pedidos de patente publicados no período em análise. Cabe também ressaltar que um pedido de patente pode ser enquadrado em mais de uma classificação.

Gráfico 2: Distribuição dos documentos pela Classificação Internacional de Patentes



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

A observação do Gráfico 2 acima, permite identificar que as outras áreas tecnológicas com a maior concentração de pedidos publicados, além da classificação **G21K5/00**, consta em segundo lugar o grupo principal **G21C17/00**, sendo o mesmo referente a “Monitoragem e teste” de reatores nucleares”, bem como a classificação **G21K1/06**, que diz respeito a “Disposições para manipular partículas e radiações ionizantes, utilizando a difração, a refração ou a reflexão”.

Em quarto lugar figura o grupo **G21D1/00**, referente a “Detalhes de usinas de energia nuclear” com 72 ocorrências. Na subseção **G21K** destaca-se também no presente levantamento o grupo **G21K1/00**, “Disposições para manipular partículas ou radiações ionizantes”.

A relação dos principais títulos dos grupos e subgrupos da CIP mais importantes no presente levantamento é apresentada a seguir:

G21K5/00 - Disposições para manipular partículas ou radiações ionisantes, por ex. para focalizar ou para moderar (filtros de radiação ionizante G21K 3/00; produção ou aceleração de nêutrons, partículas eletricamente carregadas, feixes de moléculas neutras ou feixes de átomos neutros H05H 3/00 - H05H 15/00).

G21C17/00 - Monitoração; Teste.

G21K1/06 - Disposições para manipular radiações ou partículas utilizando a difração, a refração ou a reflexão.

G21D1/00 - Detalhes de usinas de energia nuclear (controle G21D 3/00).

G21K1/00 - Disposições para manipular partículas ou radiações ionisantes, por ex. para focalizar ou para moderar (filtros de radiação ionizante G21K 3/00; produção ou aceleração de nêutrons, partículas eletricamente carregadas, feixes de moléculas neutras ou feixes de átomos neutros H05H 3/00 - H05H

G21K1/02 - Disposições para manipular partículas ou radiações ionisantes utilizando diafragmas, colimadores

G21K5/04 - Dispositivos de irradiação com meios para formar o feixe

G21F9/28 - Tratamento do material contaminado pela radioatividade; Disposições de descontaminação para esse fim; Tratamento de sólidos

G21F3/00 - Blindagem caracterizada por sua forma física

A61N5/10 - Terapia por raio X; Terapia por raio Gama; Terapia por irradiação de partículas (A61N 5/01 tem prioridade).

G21F9/30 - Tratamento do material contaminado pela radioatividade; Disposições de descontaminação para esse fim; processamento.

G21F3/02 - Vestimentas.

G21C19/02 - Detalhes das disposições de manipulação.

G21K5/10 - Dispositivos de irradiação com meios para o movimento relativo da fonte do feixe e do objeto a ser irradiado.

G21F9/00 - Tratamento do material contaminado pela radioatividade.

G21C15/18 - Disposições de resfriamento de emergência; Retirada de calor.

G21C17/003 - Inspeção remota dos vasos reatores.

G21K4/00 - Telas conversoras para conversão da distribuição espacial de partículas ou radiação ionizante em imagens visíveis.

G21F9/12 - Tratamento do material contaminado pela radioatividade por absorção; por adsorção; por troca de íons.

G21C9/00 - Disposições de proteções de emergência associadas estruturalmente com o reator.

G21C17/06 - Dispositivos ou disposições para monitorar ou verificar o combustível ou elementos combustíveis, fora do núcleo do reator.

G21F9/06 – Processamento.

G21F9/36 - Tratamento do material contaminado pela radioatividade por empacotamento por enfiamento.

G01N23/04 - Investigação ou análise de materiais pelo uso da radiação de ondas ou partículas não abrangidas pelo grupo G01N 21/00 ou G01N 22/00 e formando uma imagem (tem prioridade H01J).

2.2 - Brasil

No que diz respeito aos pedidos de patente efetuados no Brasil, segundo os dados da **Tabela 2**, foi encontrado apenas um único documento de patente publicado no primeiro semestre de 2012, possuindo o mesmo prioridade nacional, porém depositado por uma instituição de pesquisa espanhola. Pode-se constatar que ocorreu uma sensível redução dos depósitos no país em relação ao último alerta tecnológico, no qual figuravam nove depósitos publicados no segundo semestre de 2011.

A relação completa dos principais dados bibliográficos dos pedidos de patente publicados sobre energia nuclear, no período de 01/07/2011 até 31/12/2011, pode ser consultada na **Tabela 2**, a seguir.

Também consta do presente alerta tecnológico a **Tabela 3**, na qual são listados os documentos publicados no período, que entretanto não dispõem de título e/ou não identificam o depositante.

Tabela 2: Dados bibliográficos dos Pedidos de Patente sobre Energia Nuclear 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 – Wipo Organization, contam com ----- 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 de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2012045106 A1 20120412	AT20100000619U 20101007	B22F3/20; B22F3/22; C22C27/04; G21K1/02	PLANSEE SE [AT]; HANDTRACK DIRK [AT]; KESTLER HEINRICH [AT]; LEICHTFRIED GERHARD [AT]	COLLIMATOR FOR X-RAY, GAMMA, OR PARTICLE RADIATION
AU2010300086 A1 20120503	AU20090904654 20090925; WO2010AU01248 20100924; AU20100300086 20100924	G21G1/06; G01N23/221; G01N23/222	MURRAY ANDREW; BARTEL ANTHONY	Neutron activation geometry and calibration for flowing carrier streams
WO2012003524 A1 20120112	AU20100902982 20100706	G21B1/03; F03H1/00; G21B1/05; G21B1/11	SESSELMANN STEVEN ARNOLD [UA]	REACTOR FOR PRODUCING CONTROLLED NUCLEAR FUSION
WO2012058731 A1 20120510	AU20100904926 20101105	G21K1/02; G01T1/166	CRC FOR BIOMEDICAL IMAGING DEV LTD [AU]; DIMMOCK MATTHEW [AU]; NGUYEN CHUONG [AU]; GILLAM JOHN [AU]	IMAGING SYSTEM AND METHOD
BE1019054 A3 20120207	BE20090000736 20091130	H05H6/00; G21G1/00; G21G1/10	ION BEAM APPLIC SA [BE]	DISPOSITIF DE PRODUCTION DE RADIO-ISOTOPES.
WO2012055970 A1 20120503	BE20100000640 20101027	G21G1/10; H05H6/00	ION BEAM APPLIC SA [BE]; LAMBERT BERNARD [US]; GEETS JEAN-MICHEL [BE]; CAMBRIANI ANDREA [FR]; DEGEYTER MICHEL [BE]; KISELEV MAXIM [US]	DEVICE FOR PRODUCING RADIOISOTOPES
WO2012083392 A1 20120628	BG20100110821 20101221	G21H1/00	GARLANOV DIMO TODOROV [BG]; VISSOKOV GEORGY PETROV [BG]; GRABIS JANIS PETROVICHUS [LV]	METHOD AND DEVICE FOR THE DIRECT CONVERSION OF RADIATION ENERGY INTO ELECTRICAL ENERGY
BRPI0901682 A2 20120228	BR2009PI01682 20090512	C22B7/00; F27B17/00; G21C1/04	FUNDACION INASMET [ES]	método e fornalha para o tratamento de residuos

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ES2371765T T3 20120109	CA20042487584 20041115	B01D35/28; B01D35/02; G21D1/02	ATOMIC ENERGY OF CANADA LTD [CA]	FILTRO DE ALETAS.
CA2713490 A1 20120315	CA20102713490 20100915	A47C16/02; G21F3/00	SWIATAK HALINA [CA]	A COMFORTABLE SUPPORT FOR FEET IN AN OFFICE DESK
CA2715409 A1 20120317	CA20102715409 20100917	G21F9/00	SOLETANCHE FREYSSINET [FR]	PROCESS FOR THE IMMOBILIZATION OF NUCLEAR WASTE
CA2723210 A1 20120602	CA20102723210 20101202	G21C13/06; G21C19/115	KOREA PLANT SERV & ENG CO LTD [KR]	PLUG DEMOUNTING APPARATUS FOR HEAVY WATER REACTOR FUEL SYSTEM
CA2724143 A1 20120529	CA20102724143 20101129	G21J5/00; G01T1/20	CRAWFORD TARA E [CA]; ACHAMPONG CHRISTINE V [CA]; O'HEARN PHILIP G [CA]; SANTOS VERONICA M [CA]; SARCH CODY A [CA]	RADIONUCLIDE DETECTION DEVICE FOR VERIFICATION OF AN UNDERGROUND NUCLEAR EXPLOSION
AT547154T T 20120315	CH20070001374 20070903	A62C2/18; F16K3/02; G21C9/04	GASSER ERWIN [CH]	SCHUTZVORRICHTUNG FÜR LÜFTUNGSKANÄLE
EP2431977 A2 20120321	CH20100001520 20100920	G21C17/013; G05B19/414	ALSTOM TECHNOLOGY LTD [CH]	Robot platform for remotely controlled and/or autonomous inspection of technical facilities
US2012012793 A1 20120119	CN20091086453 20090615; WO2009CN72393 20090623	G21F1/08	UNIV BEIJING CHEMICAL [CN]	LEAD-FREE X-RAY SHIELDING RUBBER COMPOSITE
US2012069948 A1 20120322	CN20091107548 20090527; WO2010CN73041 20100521	G21C3/30	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]; CHINA NUCLEAR POWER TECHNOLOGY RES INST [CN]	Method for Joint Configuration of Nuclear Power Plant Fuel
CN102347090 A 20120208	CN20091212044 20091106	G21G1/12; C10L1/12	JIANXIN ZHANG	Method for collecting and using fuel additive 76Br

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CN102314952 A 20120111	CN20101214179 20100630	G21C19/00; G21C17/00	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST	Fuel-basket tipping device
CN102313693 A 20120111	CN20101219525 20100707	G01N17/00; G21K5/00	NUCLEAR POWER INST CHINA	Nuclear-grade equipment irradiation aging identification testing system
CN102343500 A 20120208	CN20101244429 20100804	B23P15/00; B23K26/00; B23K26/42; G21K1/02	INST OF HIGH ENERGY PHYSICS CHINESE ACADEMY OF SCIENCES	High precision collimator and processing method thereof
CN102376376 A 20120314	CN20101263541 20100826	G21C21/02	NUCLEAR POWER INST CHINA	Reactor core design method for improving reactivity and transmutation effect of homogeneous spent fuel solution transmutation reactor
CN102376374 A 20120314	CN20101263543 20100826	G21C17/022	NUCLEAR POWER INST CHINA	Boron concentration online monitoring system for nuclear power station
CN102376373 A 20120314	CN20101264780 20100818	G21B1/00	ZHENBIN LU	Secondary conversion industrial power generation project of nuclear fusion heat energy
WO2012027966 A1 20120308	CN20101272891 20101116	E04G21/14; G21C13/028	CHINA NUCLEAR INDUSTRY FIFTH CONSTRUCTION CO LTD [CN]; LI WEIGUO [CN]; MO XIAOJUN [CN]; WANG WEI [CN]; CHEN QINGJUN [CN]; LIU JUN [CN]; WANG SHUFENG [CN]; ZHANG WENYAN [CN]; WANG WEIZHONG [CN]; LI CANBIN [CN]; YIN FUJUN [CN]; LIU HUIXUN [CN]	METHOD FOR ASSEMBLING AND INSTALLING STEEL CONTAINMENT VESSEL IN NUCLEAR POWER STATION
CN102433640 A 20120502	CN20101295393 20100929	D03D13/00; D03D15/02; D03D15/08; G21F3/02	JIANGSU KINGFANG TEXTILES CO LTD	Woven high-shielding anti-radiation fabric

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WO2012045252 A1 20120412	CN20101501770 20101009	G21F5/015	SONG SHIPENG [CN]; WANG XIANGYU [CN]	SHELL FOR SOURCE
WO2012041127 A1 20120405	CN20101503147 20100930	G21G4/08	SONG SHIPENG [CN]; WANG XIANGYU [CN]	SELF-FOCUSING RADIATION SOURCE APPARATUS AND EMISSION APPARATUS THEREOF
CN102441238 A 20120509	CN20101503162 20100930	A61N5/10; G21K1/02	SHANGHAI SONG S LAB TECHNOLOGY AND DEV CO LTD; SONG SHIPENG [CN]	Radiotherapy device, radiation device and collimating device
CN102446569 A 20120509	CN20101503579 20100930	G21F9/00	SUOLIEDANSI FRY SINAI CO LTD	Method for curing nuclear waste
CN102446565 A 20120509	CN20101504196 20101012	G21C19/26; G21C19/00	QINSHAN NUCLEAR POWER CO LTD	Two-dimensional guide vane reset repair device
CN102446567 A 20120509	CN20101505271 20101012	G21F3/00; A61M36/14	OU YANGLIANG	Protecting cover for radiation skin applicator
CN102441227 A 20120509	CN20101507831 20101009	A61M36/00; G21F5/015	WEI NIU	Protective cup sleeve
CN102456423 A 20120516	CN20101509120 20101018	G21K5/00; G21K5/10	INST OF HIGH ENERGY PHYSICS CHINESE ACADEMY OF SCIENCES	Vehicle-mounted mobile irradiation equipment
CN102456424 A 20120516	CN20101509124 20101018	G21K5/00; G21K5/10	INST OF HIGH ENERGY PHYSICS CHINESE ACADEMY OF SCIENCES	Vehicular mobile irradiation equipment and irradiation system with same
CN102454002 A 20120516	CN20101514144 20101021	D03D15/00; D02G3/36; G21F3/02	SHEYANG HUAHONG SILK CO LTD	Silk spandex radiation-proof fabric
CN102456417 A 20120516	CN20101514549 20101021	G21C17/00; G08B21/00; G21D3/00; G21D3/06; H04L29/06	CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]	Method and system for nuclear power equipment state monitoring

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CN102456418 A 20120516	CN20101514552 20101021	G21C17/00; G21C17/022; G21C17/032	CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]	Method for preventing abnormality of mechanical seal leakage rate of nuclear reactor coolant pump
CN102456421 A 20120516	CN20101516178 20101022	G21C21/02; C25D3/04; G21C21/14	NUCLEAR POWER INST CHINA	Method for preventing surface copper pollution of planar nuclear fuel assembly
CN102456419 A 20120516	CN20101516186 20101022	G21C17/00; G21D3/04	NUCLEAR POWER INST CHINA	Method for monitoring nuclear reactor canned motor pump operation fault and monitoring system
CN102456422 A 20120516	CN20101520921 20101025	G21F3/02; G21F1/00	XI AN KEWEI MEDICAL TECHNOLOGY CO LTD	Shielding garment used for patient equipped with heart pacemaker
CN102467985 A 20120523	CN20101543278 20101115	G21K1/02; A61B6/00	PHILIPS AND NEUSOFT MEDICAL SYSTEM CO LTD	X-ray collimator
CN102465459 A 20120523	CN20101545565 20101116	D06N7/00; D06C7/04; G21F3/00	DALIAN ZHAOYANG SOFTWARE TECHNOLOGY CO LTD	Novel weaving method of carbon fiber electromagnetic shielding textile fabric
CN102465394 A 20120523	CN20101545946 20101116	D04H13/00; D03D9/00; D03D15/00; D06C7/04; G21F3/00	XIAOJIAN TECHNOLOGY DALIAN CO LTD	Weaving method of carbon fiber electromagnetic shielding fabric with antibacterial, anti-odor and anti-ultraviolet function
CN102467982 A 20120523	CN20101546274 20101111	G21C9/004; G21C15/18	CHINA GUANGDONG NUCLEAR POWER [CN]; DAYA BAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]	Containment vessel air cooling system for million-kilowatt level nuclear reactor
CN102467983 A 20120523	CN20101552096 20101119	G21C17/116; G21C13/02	NUCLEAR POWER INST CHINA	Electric penetrating device of high-temperature gas cooled reactor primary circuit
CN102467984 A 20120523	CN20101552621 20101119	G21F9/00; G21F9/28; G21F9/34;	CHINA INST FOR RADIATION PROT	High-activity spent radioactive source conditioning method and special device thereof

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		G21F9/36		
US2012125539 A1 20120524	CN20101553814 20101118	B32B37/06; B05C11/00; B29C65/14; G21K5/08	SHENZHEN CHINA STAR OPTOELECT [CN]	CURING DEVICE AND DISPLAY PANEL ASSEMBLY APPARATUS USING THE SAME
CN102477286 A 20120530	CN20101554343 20101123	C09K5/10; G21C15/28	DALIAN CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Novel heat-carrying agent used for pressurized water reactor of nuclear power plant
CN102479560 A 20120530	CN20101554344 20101123	G21C19/07	DALIAN CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Spent fuel storage grillwork for nuclear power station
CN102479564 A 20120530	CN20101554346 20101123	G21F9/02	DALIAN CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Novel complete device for room-temperature delay treatment of highly radioactive waste gas of nuclear power station
CN102479561 A 20120530	CN20101554366 20101123	G21D5/04; G21D5/08	DALIAN CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Novel hybrid thermodynamic cycle system
CN102479613 A 20120530	CN20101554367 20101123	H01F41/06; G21C17/00	DALIAN CHUANGDA TECHNOLOGY TRADE MARKET CO LTD	Method for overall winding of coil of rod position detector with no connection point
CN102479562 A 20120530	CN20101559087 20101125	G21F1/12	THIRD AFFILIATED PEOPLE HOSPITAL OF SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE	Anti-radiation material
CN102479559 A 20120530	CN20101564489 20101129	G21C19/02; G21C19/12	CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]	Emergency tripping device of reactor control rod assembly

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CN102486943 A 20120606	CN20101570081 20101202	G21C17/003; G21C17/01	RES INST OF NUCLEAR POWER OPERATION; CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORP LTD	Automatic shifting platform for welding inspection of adapter of pressure vessel
CN102486944 A 20120606	CN20101570085 20101202	G21C17/003; G21C17/013	RES INST OF NUCLEAR POWER OPERATION; CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORP LTD	Vacuum chuck guide rail
CN102486942 A 20120606	CN20101570475 20101202	G21C17/00; G21C17/017	RES INST OF NUCLEAR POWER OPERATION; CHINA NUCLEAR POWER OPERATION TECHNOLOGY CORP LTD	Ultrasonic automatic checking tool for dissimilar metal welding seam of top cover instrument measuring pipe
CN102486941 A 20120606	CN20101574557 20101206	G21B1/11	XI AN OPTICS PRECISION MECH	Simulating target positioning device
CN102479565 A 20120530	CN20101576003 20101126	G21K1/02; A61B6/03	GE MED SYS GLOBAL TECH CO LLC	Collimator for X-ray imaging device and loading and unloading method thereof
WO2012075789 A1 20120614	CN20101582855 20101210; CN20101582852 20101210; CN20101582816 20101210; CN20101582866 20101210	G21D3/00; G05B19/418; G21C17/00	CHINA GUANGDONG NUCLEAR POWER [CN]; DAYABAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]; ZHOU CHUANGBIN [CN]; HUANG QINGWU [CN]; LUO YIXIONG [CN]; FENG WENBIAO [CN]; LIU WENBIN [CN]; CUI WEIHONG [CN]; HUANG YUANZHENG [CN]; ZHANG JINZHE [CN]; SUN WENLIANG	DIGITALIZED CONTROL SYSTEM (DCS) OF NUCLEAR POWER UNIT, INFORMATION PROCESSING METHOD AND DEVICE FOR DCS
US2012148028 A1 20120614	CN20101586774 20101209	G21K1/04	YUAN PING [CN]	LINKAGE MECHANISM, A COLLIMATOR, AND AN X-RAY MACHINE

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US2012155615 A1 20120621	CN20101589757 20101215	G21K1/04	SHENZHEN MINDRAY BIO MED ELECT [CN]	METHOD AND DEVICE FOR ADJUSTING A COLLIMATOR RADIATION FIELD IN AN X-RAY IMAGING SYSTEM
US2012163552 A1 20120628	CN20101622822 20101228	G21K1/02; B23P11/00	DING WEI JIANG [CN]	MONOLITHIC CAPILLARY PARALLEL X-RAY LENS
CN202178070U U 20120328	CN20102194173U 20100518	G21F3/02	YINGZHI LIU	Radiation-proof garment with radiation-proof magnetic strip sheets
WO2012034879 A1 20120322	CN20102527885U 20100914	G21K1/02; H05G1/02	SIEMENS AG [DE]; TENG CHANG QING [CN]	COLLIMATOR AND CT EQUIPMENT COMPRISING THE SAME
CN202102733U U 20120104	CN20102577599U 20101027	G21F3/02	BEIJING HUAREN YIKANG TECHNOLOGY DEV CO LTD	Lead clothes belly band locking device
CN202171959U U 20120321	CN20102646397U 20101208; CN20112113547U 20110418	G21K5/00; A61L2/08; A61N5/10	QUANXING WANG	High-energy X-ray biological irradiation instrument
CN102339654 A 20120201	CN20111097473 20110419	G21F9/06	CHINA INST ATOMIC ENERGY	Method for damaging acetic acid through catalytic electrolytic oxidation of Ag<+> in nitric acid system
CN102339653 A 20120201	CN20111121127 20110511	G21C19/07	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Spent fuel storage grillwork
CN102324757 A 20120118	CN20111131084 20110520	H02J7/00; G21D3/00; G21D3/06; H02J9/04	CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPS	Monitoring method and system of energy storage system of nuclear power station emergency power supply
CN102367014 A 20120307	CN20111146153 20110601	B32B15/02; B32B9/02; B32B15/04; B32B15/095; B32B33/00; G21F1/12	DONGPENG TEXTILE SUZHOU CO LTD	Novel fabric

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CN102360200 A 20120222	CN20111148907 20110603	G05B19/418; G21C21/00; G21C21/02	UNIV TSINGHUA	Automation control system and method of cladding furnace for producing cladding fuel particles
CN102324257 A 20120118	CN20111155419 20110610	G21D3/06; G21C13/10; G21C17/04	CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPS	Radiation protection control method for unit operation and maintenance during fuel damage of pressurized water reactor nuclear power station
CN102304950 A 20120104	CN20111164054 20110617	E04B2/00; E04B1/76; E04B2/84; G21F3/00	QIUFA DU; ZHILIANG WU; HAILIANG WU	Thermal-insulation and electromagnetic radiation protection wall
CN102324258 A 20120118	CN20111164273 20110617	G21D3/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Method and system for preventing error drive of ATWT (Anticipated Transients without Trip) equipment cabinet
CN102344269 A 20120208	CN20111177427 20110628	C04B28/00; G21C9/016	CHINA NUCLEAR INDUSTRY HUAXING CONSTRUCTION CO LTD	Silica sacrificing concrete
CN102364578 A 20120229	CN20111179331 20110629	G21F1/02	DALIAN LINQIAO TECHNOLOGY CO LTD	Anti-radiation film material
CN102324254 A 20120118	CN20111180819 20110629	G21C17/00; G21C17/017	UNIV EAST CHINA SCIENCE & TECH	LBB (leak before break) evaluation method for flaw of weld zone of safety end of nozzle of AP1000 nuclear reaction pressure vessel
CN102479563 A 20120530	CN20111182425 20110630	G21F1/12; A61B6/03; B32B15/02; B32B27/04; B32B27/12	SIEMENS SHANGHAI MEDICAL EQUIPMENT LTD	Anti-radiation material and CT (computed tomography) chassis
CN102312327 A 20120111	CN20111187536 20110624	D03D15/00; A41D31/00; D03D15/02; G21F1/00	SHAOXING SHULILE TEXTILE CO LTD	Silver fiber interwoven radiation-proof shirt fabric

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CN102360201 A 20120222	CN20111196758 20110714	G05B19/418; G21C19/02	CHINA NUCLEAR POWER ENG CO LTD	Nuclear power plant refueling machine control system with adoption of PLC (Programmable Logic Controller) with integral motion control function
CN102332318 A 20120125	CN20111200106 20110718	G21K1/02; G01N23/20	CHINA INST ATOMIC ENERGY	Adjusting device for first collimator of neutron texture diffractometer
CN102324259 A 20120118	CN20111200109 20110718	G21K1/02; G01N23/20	CHINA INST ATOMIC ENERGY	Neutron howitzer and neutron scattering spectrometer
CN102306510 A 20120104	CN20111203978 20110714	G21F3/00	SHUFU YUE	Protecting device of interventional operation
CN102354696 A 20120215	CN20111206150 20110722	H01L27/146; G01T1/20; G02B1/11; G21K4/00	SHANGHAI YIRUI OPTOELECTRONICS TECHNOLOGY CO LTD	X-ray detector
CN102324255 A 20120118	CN20111219418 20110802	G21C17/06; G01N23/04; G21C17/07	CHINA NUCLEAR POWER ENG CO LTD	Thickness compensation method and compensation block for fuel rod end plug welding line X ray transillumination process
CN102394117 A 20120328	CN20111221777 20110804	G21D3/00	CHINA TECHENERGY CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Multifunctional driving module
CN102325044 A 20120118	CN20111222576 20110804	H04L12/24; G21C17/00; H04L12/56	SUZHOU NUCLEAR POWER RES INST; CHINA GUANGDONG NUCLEAR POWERG GROUP CO LTD	Intelligent networking system for nuclear power plant environmental radiation data online monitoring stations
CN102436860 A 20120502	CN20111233004 20110816	G21G4/08	INST OF NUCLEAR PHYSICS & CHEMISTRY CHINA ACADEMY OF ENGINEERING PHYSICS	Automatic production equipment for medical radioactive seed source
CN102332315 A 20120125	CN20111234207 20070926	G21C19/00; G21C19/20	DAYA BAY NUCLEAR POWER OPS	Refueling method for fuel assemblies of reactor core of PWR (pressurized water reactor) nuclear power plant

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CN102324256 A 20120118	CN20111236435 20110817	G21D3/00; G21C17/00; G21D3/06	GUANGDONG NUCLEAR POWER JOINT CO LTD; LINGAO NUCLEAR POWER CO LTD; DAYA BAY NUCLEAR POWER OPS; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD ; LINGDONG NUCLEAR POWER CO LTD	Water temperature monitoring method and blockage handling method for generator stator of 1000 megawatt nuclear power plant
CN102432937 A 20120502	CN20111237662 20110818	C08L23/06; C08K3/02; C08K3/22; C08K5/134; C08K5/3475; C08K9/10; C08K13/06; C08L23/08; C08L23/16; G21C13/02	CHANGYUAN GROUP CO LTD	1E-level K1-type halogen-free flame-retardant heat-shrinkable pipe for nuclear power plant and preparation method thereof
CN102306505 A 20120104	CN20111238775 20110818	G21C7/12; G21C7/16	CHINA NUCLEAR POWER ENG CO LTD	Operation-jamming resisting control rod driving rod unlocking apparatus
CN102304632 A 20120104	CN20111245323 20110825	C22C1/03; C22C11/08; G21C3/07	HEFEI INST PHYSICAL SCI CAS	Method for preparing lead bismuth alloy for nuclear reactor
CN102339655 A 20120201	CN20111252532 20110830	G21K5/00; G01R31/26; H01L21/67	INST OF MICROELECTRONICS CAS	Temperature-controlled inflatable vacuum radiation equipment
CN102385937 A 20120321	CN20111254580 20110831	G21C17/00; G21C17/003	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Leakage rate detection method and system for containment of nuclear power station
CN102306511 A 20120104	CN20111256193 20110831	G21H1/06	BEIJING INST TECHNOLOGY	Composite isotopic battery with high output energy and preparation method thereof

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CN102360570 A 20120222	CN20111256564 20110901	G21C7/20	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Telescoping guide tube and light-water reactor nuclear power station fuel assembly
CN102347087 A 20120208	CN20111257027 20110901	G21C13/02; G21C9/00; G21C13/024	ZHISHENG LI	Anti-vibration device for nuclear power plant reactor
CN102412002 A 20120411	CN20111261272 20110906	G21C19/38	CHINA INST ATOMIC ENERGY	Device for oxidized adjusting plutonium valence by N2O4
CN102314954 A 20120111	CN20111261273 20110906	G21F5/015; G21F1/12; G21F5/06; G21F5/08; G21F5/12	ATOM HIGH TECH CO LTD	Storing and transporting container of primary neutron-source part for starting nuclear reactor
CN102306508 A 20120104	CN20111263094 20110907	G21C17/10; G21C17/104	NUCLEAR POWER INST CHINA	Reactivity instrument for critical monitoring and critical extrapolation of reactor
CN102394116 A 20120328	CN20111268395 20110909	G21C17/06; G21C19/00; G21C19/06	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Load protection method and system for nuclear fuel tilting machine
CN102347086 A 20120208	CN20111272098 20110914	G21C7/10; G21C7/117	UNIV NORTH CHINA ELEC POWER	Nano-material control rod for supercritical water reactor
CN102306506 A 20120104	CN20111273014 20110915	G21C9/06	CHINA NUCLEAR POWER ENG CO LTD	Design method for dehydrogenating containment of nuclear power station under design basis accident and serious accident
CN102306509 A 20120104	CN20111273021 20110915	G21D3/06; G21C9/06	CHINA NUCLEAR POWER ENG CO LTD	Design method for dehydrogenating containment of nuclear power station under serious accident

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CN102354539 A 20120215	CN20111273145 20110915	G21C3/06; G21C1/00; G21C3/08	UNIV XI AN JIAOTONG; ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD	Annular fuel element and annular fuel supercritical water reactor
CN102306507 A 20120104	CN20111274051 20110915	G21C15/18	UNIV NORTH CHINA ELEC POWER	Emergency protection system for preventing reactor pressure vessel from melt through
CN102408644 A 20120411	CN20111278690 20110919	C08L25/18; C08K3/04; C08K3/22; C08K3/30; C08K7/00; C08K13/04; G21F1/10	UNIV SHANGHAI	Carbon nano tube/polymer/semiconductor nano particle composite material and preparation method thereof
CN102412003 A 20120411	CN20111279939 20110920	G21D3/00; G21D3/12	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD; UNIV SHANGHAI JIAOTONG	Nuclear power station DCS debugging system and method thereof
CN102447478 A 20120509	CN20111281374 20110921	H03M13/43; G21D3/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Encoding method and system for accident rule digital logic design of nuclear power plant
CN102510656 A 20120620	CN20111283428 20090522	H05H7/04; G21K5/00; H05H7/12	NUCTECH CO LTD	Scanning magnet device used in electron irradiation accelerator
CN102409467 A 20120411	CN20111288291 20110927	D03D15/00; D03D13/00; G21F3/00; G21F3/02	UNIV DONGHUA	Interleaving and floating length mosaic latticed electromagnetic shielding woven fabric and applications thereof
CN102342592 A 20120208	CN20111291805 20110930	A41D3/00; A41D31/00; G21F3/02	JIANGSU YUELONG DRESS CO LTD	Down coat with electromagnetic radiation resisting function
CN102426865 A 20120425	CN20111294857 20110930	G21C17/00; G01T3/00	UNIV TSINGHUA	Fission chamber output signal digital processing system and method

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CN102436855 A 20120502	CN20111297283 20110929	G21C7/12; C23C4/08; C23C4/12	DONGFANG TURBINE CO LTD OF DONGFANG ELECTRIC CORP	Anticorrosion coating layer on surface of coil chamber of nuclear control bar driving device and preparation method thereof
CN102412005 A 20120411	CN20111299327 20111008	G21F9/12; G21F9/06	UNIV TIANJIN	Adsorption processing device of slurry circulation radioactive wastewater
CN102332313 A 20120125	CN20111304718 20111010	G21C15/18	UNIV TSINGHUA	Passive residual heat removal system for high temperature gas cooled reactor
CN102332314 A 20120125	CN20111306840 20111011	G21C15/18	UNIV TSINGHUA	Water-cooling wall
CN102446566 A 20120509	CN20111308444 20090105	G21D3/00; G21D1/00	CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPERATIONS AND MAN CO LTD [CN]	Steam generator water-level control method and device and nuclear power plant of nuclear power generating unit
CN102504985 A 20120620	CN20111309108 20111013	C11D10/02; C23G1/06; C23G1/08; G21F9/28	KEXINYUAN ENVIRONMENTAL PROT ENGINEERING BEIJING CO LTD	Chemical decontaminating agent and decontamination method
CN102376375 A 20120314	CN20111309810 20111013	G21C19/02; B25J15/00; G21C19/20; G21C19/26	QINSHAN NUCLEAR POWER CO LTD	Underwater operation device for grabbing end part fitting of nuclear fuel assembly
CN102339651 A 20120201	CN20111309823 20111013	G21C3/334	QINSHAN NUCLEAR POWER CO LTD	Positioning device for accurately positioning fuel rod replacing tool on extracted fuel rod
CN102339652 A 20120201	CN20111309922 20111013	G21C5/06	QINSHAN NUCLEAR POWER CO LTD	Method and device for positioning fuel rods in fuel assembly or fuel rod storage container
CN102509568 A 20120620	CN20111310293 20111013	G21F1/08	YUNNAN ELECTRIC POWER TEST & RES INST GROUP CO LTD	Field X-ray protection method and protection device thereof

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CN102501002 A 20120620	CN20111312142 20111017	B23P15/00; G21B1/11; G21B1/13	INST PLASMA PHYSICS CAS	Method for manufacturing tungsten/copper composite block for high-thermal-load component of nuclear fusion device
CN102509566 A 20120620	CN20111314319 20111017	G21C17/00; G21C17/017	CHINA GUANGDONG NUCLEAR POWER [CN]; CHINA GUANGDONG NUCLEAR POWER; CHINA NUCLEAR POWER TECHNOLOGY RES INST CO LTD	Nuclear reactor pressure vessel nozzle safe end welding joint automatic ray inspection device
CN102412000 A 20120411	CN20111316967 20111018	G21C19/07	UNIV TSINGHUA	Vertical shaft storage system for spent fuel of nuclear power station
CN102412001 A 20120411	CN20111317613 20111018	G21C19/105; G21C19/02	UNIV TSINGHUA	Shielding lid grapping apparatus of vertical shaft for storing spent fuel in nuclear power station
CN102509569 A 20120620	CN20111318293 20111019	G21H1/00; H01L31/115	UNIV XIDIAN	Silicon carbide Schottky junction type nuclear cell with vanadium-doped I layer and production method of silicon carbide Schottky junction type nuclear cell
CN102354540 A 20120215	CN20111319001 20111019	G21H1/06	UNIV XIDIAN	I-layer vanadium-doped PIN-type atomic battery and manufacturing method thereof
CN102506409 A 20120620	CN20111319008 20111019	F22B37/00; G21D1/00; G21D1/02	UNIV TSINGHUA	Structural arrangement of high-temperature steam connecting pipe of steam generator of gas cooled reactor
CN102360571 A 20120222	CN20111320923 20111020	G21D3/00	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Simulation device and simulation method of on-site driving apparatus of nuclear power station
CN102436063 A 20120502	CN20111322545 20111021	G02B21/32; G21K1/00	ZHIYANG LI	Laser optical tweezer microscope

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CN102436857 A 20120502	CN20111327135 20111025	G21C17/00	CHINA NUCLEAR POWER DETECTION TECHNOLOGY CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]; ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD	Ray inspection device of voltage stabilizer of European pressurized water reactor (EPR) type nuclear power plant
CN102411997 A 20120411	CN20111328271 20111025	G21C7/36; G21C17/00	UNIV TSINGHUA	Control method and system of high temperature gas cooled reactor power
CN102364376 A 20120229	CN20111329261 20111026	G02B27/09; G21K1/06	UNIV HUAQIAO	Novel axicon capable of generating single bottle beam
CN102507124 A 20120620	CN20111332665 20111027	G01M7/08; G21C17/00	UNIV TSINGHUA	Device for detecting falling sphere strength of spherical element
CN102354642 A 20120215	CN20111332681 20111028	H01J1/304; G21G4/02; H01J27/26	UNIV WUHAN	Field ionizing particle generator
CN102347089 A 20120208	CN20111333438 20111028	G21F9/12	HENGYANG NORMAL UNIVERSITY	Method and device for absorbing and precipitating radionuclide in containment of nuclear power plant
CN102426863 A 20120425	CN20111337167 20111031	G21C9/00; G21C17/00; G21D3/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Signal transmission system and method of reactor in nuclear station
CN102516069 A 20120627	CN20111341636 20111103	C07C61/35; C07C51/00; C08K5/092; C08L7/00; G21F1/10	UNIV NORTHWESTERN	Tricarboxylic acid rare earth complex as well as preparation method and application thereof
CN102412004 A 20120411	CN20111341678 20111102	G21D3/06; G21D3/00	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Equipment arrangement method and system for backup panel of nuclear power station

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CN102426866 A 20120425	CN20111343074 20111103	G21C17/07	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWERG GROUP CO LTD	Monitoring method and system for leakage at pressure boundary of primary coolant system in nuclear power station
CN102347088 A 20120208	CN20111344536 20111104	G21F3/00; G21F5/06; G21F5/12; G21F5/14	HENGYANG RAMON SCIENCE & TECHNOLOGY CO LTD	Shielding device for storage and transfer of radioactive source
CN102400099 A 20120404	CN20111344681 20111104	C23C14/06; C23C14/02; C23C14/35; G21C3/20	UNIV SICHUAN	Technology for preparing nuclear fission reactor fuel clad surface CrAlSiN gradient coating
CN102509570 A 20120620	CN20111345467 20111104	G21J3/00	YONGBIN REN	Fusion nuclear energy collection system
CN102420020 A 20120418	CN20111350025 20111108	G21B1/05	UNIV XIAMEN	Digital safety interlocking system of magnetic confinement nuclear fusion experimental facility
CN102504420 A 20120620	CN20111350856 20111109	C08L23/16; C08K3/04; C08K3/22; C08K3/36; C08K5/098; C08K13/02; C08L45/00; C08L61/06; C09K3/10; G21C13/028	SHAANXI SPECIAL RUBBER PRODUCTS CO LTD; YOUXUE SU	Nuclear reactor inflatable sealing strip plugging material and preparation method and using method thereof
CN102522128 A 20120627	CN20111351982 20111109	G21C17/00; G06F17/50	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]	Method and system for testing configuration logic design of DCS (Distributed Control System) of nuclear power station

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CN102420021 A 20120418	CN20111361100 20111115	G21C17/00; G21C17/003	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWERG GROUP CO LTD	Nuclear power station containment vessel leakage rate monitoring method and system
CN102509571 A 20120620	CN20111361755 20111115	G21K5/10	INST GEOLOGY & GEOPHYSICS CAS	Sample loading device for high-speed neutron irradiation autorotation
CN102509567 A 20120620	CN20111361809 20111115	G21C19/26	GUANGDONG NUCLEAR POWER JOINT CO LTD; DAYA BAY NUCLEAR POWER OPS; CHINA GUANGDONG NUCLEAR POWER [CN]; LINGAO NUCLEAR POWER CO LTD; LINGDONG NUCLEAR POWER CO LTD	Process method and lifting gripping apparatus both for jam control rod of nuclear power station reactor
CN102496396 A 20120613	CN20111363847 20111116	G21F1/12; G21F1/02	HARBIN INST OF TECHNOLOGY	Rare earth/ tungsten/ polyethylene composite gradient nuclear radiation prevention material and production method thereof
CN102426862 A 20120425	CN20111364654 20111117	G21C7/00	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWERG GROUP CO LTD	Modeling method for reliability of reactor-shutdown protecting signal in DCS (digitizer control system) and system
CN102496393 A 20120613	CN20111367565 20111118	G21C17/00	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]	System for monitoring pressure vessel of reactor of nuclear power station and method thereof
CN102420022 A 20120418	CN20111370411 20111121	G21F3/02	SUZHOU GUIZUGONGZI APPAREL CO LTD	Radiation-proof garment
CN102436858 A 20120502	CN20111375095 20111123	G21F3/04	DANDONG AOLONG RADIATIVE INSTR CO LTD	Large-sized protecting lead door assembled by lead bricks
CN102496395 A 20120613	CN20111376691 20111123	G21C21/02; B01J2/04	UNIV TSINGHUA	Dispersion column system

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CN102517009 A 20120627	CN20111378580 20111124	C09K11/71; C09K11/81; G21K4/00	UNIV SOOCHOW	Titanium barium phosphate salt, and preparation method and application thereof
CN102508411 A 20120620	CN20111379993 20111125	G03F7/00; G21K1/06	INST OF MICROELECTRONICS CAS	Method for manufacturing X-ray diffraction optical element
CN102522135 A 20120627	CN20111386514 20111129	G21F9/06; G21F9/08; G21F9/14	UNIV TSINGHUA	Method for transformation of zirconium base oxalic acid solution
CN102411998 A 20120411	CN20111386844 20111129	G21C11/08; G21D1/00	ARNOLD INSULATION MATERIAL TECHNOLOGY WUJIANG CO LTD	Heat preserving cover special for nuclear power
CN102436859 A 20120502	CN20111387159 20111129	G21F9/08	UNIV TSINGHUA	Transformation method for neodymium peracid solution
CN102366654 A 20120307	CN20111387701 20111129	A62B17/00; G21F3/02	JIAMING LI	Emergency rescue device on fire disaster, poison gas and radioactive substance leakage scenes
CN102520682 A 20120627	CN20111388026 20111130	G05B19/418; G21B1/05	INST PLASMA PHYSICS CAS	Lower hybrid wave power control system
CN102411999 A 20120411	CN20111389199 20111130	G21C17/00; G21C17/10	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Rod position detector of nuclear reactor control rod
CN102496394 A 20120613	CN20111391547 20111130	G21C19/02	UNIV TSINGHUA	Spherical component identifier
CN102496398 A 20120613	CN20111398216 20111205	G21F9/34; G21F9/30; G21F9/36	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]	Treatment method of waste filter elements of nuclear power plant
CN102446564 A 20120509	CN20111401401 20111206	G21C15/04; F28D7/00	UNIV NORTH CHINA ELEC POWER	Passive natural-circulation lead bismuth heat exchange device and method for discharging heat out of reactor core
CN102522130 A 20120627	CN20111401728 20111206	G21C19/02; B07B13/04	UNIV TSINGHUA	Spherical element sorting unit

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CN102436861 A 20120502	CN20111402648 20111207	G21K1/06	UNIV CHANGCHUN SCIENCE & TECH	Multi-parabolic confocal X ray focusing structure and design method thereof
CN102491236 A 20120613	CN20111409329 20111212	B66F11/00; G21C21/00	TIANJIN HEAVY EQUIPMENT ENGINEERING RES CO LTD; CHINA FIRST HEAVY INDUSTRIES	Steel rope pull-type 180-degree turning device
CN102426864 A 20120425	CN20111411003 20111212	G21C15/18	XIANGWEI ZENG	Passive emergency cooling system for severe accident in reactor
CN102436856 A 20120502	CN20111412288 20111213	G21C13/10	KUANG ZHONGPING	Method for avoiding nuclear radiation pollution caused by nuclear leakage accident
CN102518485 A 20120627	CN20111413326 20111213	F01D21/00; G21D1/00; G21D3/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]	Tripping oil-return system for steam turbine for nuclear power station
CN102520125 A 20120627	CN20111424782 20111217	G01N33/00; G21B1/11	INST PLASMA PHYSICS CAS	Plasma facing experimental part with reference corner structure
CN102446572 A 20120509	CN20111426033 20111219	G21H1/06	INST OF NUCLEAR PHYSICS & CHEMISTRY CHINA ACADEMY OF ENGINEERING PHYSICS	Tritium isotope microcell and preparation method thereof
CN102496399 A 20120613	CN20111426036 20111219	G21H1/06	INST OF NUCLEAR PHYSICS & CHEMISTRY CHINA ACADEMY OF ENGINEERING PHYSICS	Samarium isotope minisize cell and manufacturing method thereof
CN102523000 A 20120627	CN20111426444 20111219	H03M9/00; G21D3/04	SHANGHAI AUTOMATION INSTRUMENTATION CO LTD	Thermocouple thermal resistance analogue signal conditioning module for dispersive actuation system (DAS)
CN102523001 A 20120627	CN20111426485 20111219	H03M9/00; G21D3/04	SHANGHAI AUTOMATION INSTRUMENTATION CO LTD	Current voltage analogue signal conditioning module for dispersive actuation system (DAS)
CN102522131 A 20120627	CN20111428360 20111220	G21C19/105; B25J1/06	NUCLEAR POWER INST CHINA	Quick-change grabbing fixture type fuel rod remote grabbing tool
CN102430205 A 20120502	CN20111433651 20081224	A61N5/00; G21K1/00	NUCTECH CO LTD	Multi-blade grating for medical radiotherapy equipment

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CN102512765 A 20120627	CN20111433674 20081224	A61N5/00; G21K1/02	NUCTECH CO LTD	Multi-blade collimator for medical radiotherapy equipment
CN102522136 A 20120627	CN20111436497 20111223	G21H1/06	UNIV NANJING AERONAUTICS	Epitaxial silicon-based PIN node micro isotope battery and preparation method thereof
CN102522134 A 20120627	CN20111436979 20111223	G21F9/04	HUAHE NEW TECHNOLOGY DEV COMPANY RES INST OF PHYSICAL AND CHEMICAL ENGINEERING OF NUCLEAR INDUSTRY	Purification system for treating radioactive contamination water into drinking water
CN102496397 A 20120613	CN20111437041 20111223	G21F9/20; B01D50/00; B01D53/00; B01D53/02	HUAHE NEW TECHNOLOGY DEV COMPANY RES INST OF PHYSICAL AND CHEMICAL ENGINEERING OF NUCLEAR INDUSTRY	Mobile type nuclear-biochemical air and liquid waste treatment system
CN102522127 A 20120627	CN20111437864 20111223	G21C15/00; G21C15/18	CHINA NUCLEAR POWER ENG CO LTD	Passive containment thermal conduction system
CN102512248 A 20120627	CN20111439461 20111226	A61B19/00; G21F3/02	QIQIHAR MEDICAL UNIVERSITY	Lead clothes weight control mechanism
CN102496400 A 20120613	CN20111442455 20111227	G21K4/00; G01T1/20	UNIV TONGJI	Preparation method of CsI(Tl) X-ray scintillation conversion screen with microcolumn structure and application thereof
CN102522132 A 20120627	CN20111444288 20111227	G21F3/025	EMC RES TESTING CT THE PEOPLE S LIBERATION ARMY NAVY; NANJING JIHUA 3521 SPECIAL EQUIPMENT CO LTD	Split electromagnetic shielding protective clothing
CN102522133 A 20120627	CN20111444296 20111227	G21F3/025	NANJING JIHUA 3521 SPECIAL EQUIPMENT CO LTD; EMC RES TESTING CT THE PEOPLE S LIBERATION ARMY NAVY	One-piece electromagnetic shielding protective clothing

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CN102522126 A 20120627	CN20111456967 20111230	G21C11/08; G21C13/02	CHINA NUCLEAR INDUSTRY FIFTH CONSTRUCTION CO LTD [CN]	Mounting process for metal reflective heat-insulation layers of pressure vessel of nuclear island
CN202105505U U 20120111	CN20112026110U 20110127	B01D35/32; G21F3/00	ZHENGZHOU DUAL RADIATION PROT EQUIPMENT CO LTD	Lead protective screen for filter
CN202102255U U 20120104	CN20112029175U 20110127	G03H1/12; G02B27/10; G21K1/00	UNIV NORTHWESTERN POLYTECHNIC	Device for generating rotary compound vortex light beams
CN202110376U U 20120111	CN20112029196U 20110127	G03H1/12; G02B27/10; G21K1/00	UNIV NORTHWESTERN POLYTECHNIC	Device for producing propeller type rotational light beam by using reflection type spatial light modulator
CN202110377U U 20120111	CN20112029203U 20110127	G03H1/12; G02B27/10; G21K1/00	UNIV NORTHWESTERN POLYTECHNIC	Device for producing propeller type rotational light beam by using transmission type spatial light modulator
CN202110378U U 20120111	CN20112029217U 20110127	G03H1/12; G02B27/10; G21K1/00	UNIV NORTHWESTERN POLYTECHNIC	Device for producing rotational composite vortex light beam by using reflection type spatial light modulator
CN202110379U U 20120111	CN20112029227U 20110127	G03H1/12; G02B27/10; G21K1/00	UNIV NORTHWESTERN POLYTECHNIC	Device for generating rotary combined vortex light beam by adopting transmission-type space light modulator
CN202142310U U 20120208	CN20112061195U 20110310	G21K5/04; G21K1/087	CHINA INST ATOMIC ENERGY	Beam shutter used for single event effect ground accelerator simulation test
CN202127844U U 20120201	CN20112067455U 20110315	A41D13/00; G21F3/02	INST MED EQUIP ACAD MILITARY	One-piece positive-pressure biological protective suit
CN202115039U U 20120118	CN20112085081U 20110328	B32B27/06; B32B27/40; B32B33/00; G21F3/02	YANGZHOU JINJIANG NONFERROUS METAL CO LTD	Face fabric for nuclear radiation shielded lead garment
CN202126849U U 20120125	CN20112103359U 20110411	G21B1/11; G01T1/02; G21B1/23	SOUTHWESTERN INST OF PHYSICS	First mirror sample irradiating support

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CN202110408U U 20120111	CN20112119293U 20110421	G05B19/05; G21K5/00	NANTONG NANJING UNIVERSITY MATERIAL ENGINEERING TECHNOLOGY RES INST	Computer controller for industrial irradiation electronic linear accelerator
CN202117346U U 20120118	CN20112126935U 20110426	E04H1/02; E04H9/04; E04H9/16; G21F7/00	SHANGHAI FENGJING MIDDLE SCHOOL	Nuclear-radiation protective biochemical -resistant outdoor sleep cage
CN202102728U U 20120104	CN20112142439U 20110506	G21C15/18	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Safety system used for guaranteeing safety of nuclear power plant
CN202102729U U 20120104	CN20112142446U 20110506	G21C15/18	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Backup reactor core cooling and reactor cavity water filling system
CN202102730U U 20120104	CN20112144111U 20110509	G21C15/18; G21C9/00	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Out-of-pile cooling and curing device of reactor core fusant in reactor severe accident and system
CN202196582U U 20120418	CN20112148478U 20110511	G21C19/07	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWERG GROUP CO LTD	Spent fuel storage latticed frame
CN202124716U U 20120125	CN20112149392U 20110512	D03D15/02; D02G3/12; D02G3/36; D03D13/00; G21F3/00	ZHANGJIAGANG XINXIN CHEMICAL FIBER CO LTD	Radiation-proof textile fabric
CN202102732U U 20120104	CN20112154362U 20110516	G21F1/08; G01N23/04; G21F3/00	JILIN TIANHE WIND POWER EQUIPMENT CO LTD	X-ray transillumination shielding device for detecting welding seam of large barrel-shaped member

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CN202124711U U 20120125	CN20112161940U 20110518	D03D15/00; D03D13/00; D03D15/02; G21F3/00	ZHEJIANG HUAXIANG TEXTILE CO LTD	Radiation-resistant fabric
CN202164981U U 20120314	CN20112161980U 20110520	E06B5/10; E05C19/00; E06B3/36; E06B3/46; E06B7/22; G21D1/00	CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPS	Waterproof door structure for energy storage system storage plant of emergency power supply of nuclear power station
CN202120624U U 20120118	CN20112161995U 20110520	G21D1/00; E04H5/02; E06B5/10; G21D1/02	CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD; DAYA BAY NUCLEAR POWER OPS	Storage plant for storing energy storage system for emergency system of nuclear power station
CN202096025U U 20120104	CN20112168780U 20110525	A47H23/08; G21F3/00	NANTONG WULIAN BRAND PLANNING	Radiation protection curtain
CN202126853U U 20120125	CN20112169155U 20110525	G21K4/00; G01T1/20	IRAY TECHNOLOGY SHANGHAI CO LTD	Scintillator packaging structure
CN202159025U U 20120307	CN20112169545U 20110525	G01N23/00; G21F3/00; G21F5/00; G21F5/06	CHINA WESTERN POWER IND CO LTD	Movable lead chamber
CN202122143U U 20120125	CN20112175510U 20110530	A41D31/02; D01F1/10; D06Q1/00; G21F3/00	ZHENYU ZHAO	Health care and anti-radiation gold thread fabric
CN202189565U U 20120411	CN20112175832U 20110530	G21F9/04; G21F9/06; G21F9/12	FANG WANG	Civil dual nuclear radiation-resistant water purifying device
CN202124791U U 20120125	CN20112176927U 20110530	D06Q1/00; G21F3/00	HAOBING ZHU	Radiation-proof three-dimensional flannelette
CN202126848U U 20120125	CN20112179839U 20110531	G21B1/03; G21B1/15	SOUTHWESTERN INST OF PHYSICS	Solid-state charging pill preparing device

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CN202102734U U 20120104	CN20112179952U 20110531	G21F3/02; A41D1/00	NANTONG XIYUN TRADE CO LTD	Radiation-proof and anti-ultraviolet vest
CN202095589U U 20120104	CN20112179953U 20110531	A41D19/015; B32B15/14; B32B27/12; G21F3/035	NANTONG XIYUN TRADE CO LTD	Radiation-proof and uvioresistant glove
CN202102735U U 20120104	CN20112179957U 20110531	G21F3/02	NANTONG XIYUN TRADE CO LTD	Radiation-proof oversleeve
CN202178069U U 20120328	CN20112181423U 20110601	G21F3/00; A61N5/10	MINGLIN XU; TANG MINHUI	Dynamic shielding screen of medical accelerator machine room
CN202126850U U 20120125	CN20112185828U 20110603	G21C13/00; G21C9/004; G21C15/18	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST	Impoundment type passive double-layer containment vessel
CN202126851U U 20120125	CN20112185829U 20110603	G21C13/08; G21C15/02; G21C15/08	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST	Auxiliary water storage passive double-layer containment
CN202112375U U 20120118	CN20112188080U 20110607	A41D31/02; B32B3/04; B32B3/12; B32B3/24; B32B15/14; G21F3/00	GUOYIN CHEN	Multilayer stretched-net moisturizing, air-permeable and anti-radiation fabric
CN202157720U U 20120307	CN20112189215U 20110603	E06B5/18; E05B1/00; E06B3/70; G21F3/00	CHINA NUCLEAR INDUSTRY HUAXING CONSTRUCTION CO LTD	Biological shielding door
CN202125220U U 20120125	CN20112189232U 20110603	E06B5/18; E05B1/00; E05C19/00; E05D3/02; E05D5/02; E06B3/70; E06B7/22;	CHINA NUCLEAR INDUSTRY HUAXING CONSTRUCTION CO LTD	Nuclear power biological shielding lead door

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		G21F7/005		
CN202102727U U 20120104	CN20112189713U 20110608	G21C15/00; G21C15/14	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Closed type cooling water system for nuclear power plant
CN202169592U U 20120321	CN20112191291U 20110608	B25J9/08; B25J18/00; G21F3/00	BEIJING CHENGZHI BEIFEN ELECTROMECHANICAL TECHNOLOGY CO LTD	Radiation-shielding mechanical arm
CN202163055U U 20120314	CN20112198416U 20110614	B32B5/24; B32B33/00; G21F1/12	CTA HI TECH TEXTILES CO LTD	Novel radiation protection shell fabric
CN202134219U U 20120201	CN20112207456U 20110620	G21F5/06; G21F5/12	CHINA NUCLEAR POWER ENG CO LTD	Handheld protective transferring container
CN202132922U U 20120201	CN20112207582U 20110620	F22B1/00; F22B37/00; G21D1/00	CHINA NUCLEAR POWER ENG CO LTD	Steam generator of pressurized water reactor nuclear power station
CN202121855U U 20120118	CN20112207624U 20110620	H05H7/04; G21K1/08	GUANGDONG SPACO ACCELERATOR TECHNOLOGY CO LTD; SHOUXIAN FANG; XIJIU DU	Electro beam electromagnetic deflection device for radiation therapy apparatus in operation
CN202190791U U 20120418	CN20112210783U 20110621	A41D27/08; A41D1/00; G21F3/02	QIDONG FENGBING GARMENT CO LTD	Improved clothes
CN202258394U U 20120530	CN20112212922U 20110622	G21F7/06	NAT INST METROLOGY PRC	Radioactive source transporting device and manganese bath system using same
CN202142307U U 20120208	CN20112213438U 20110622	G21F1/00; A61B6/10	YAOJUAN LIANG	Medical protective screen

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CN202159498U U 20120307	CN20112214500U 20110622	G21D1/02; G21C17/017	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST	Overhaul standby system for nuclear power plant cooling water system
CN202171023U U 20120321	CN20112217687U 20110624	F16K3/30; F16K3/34; F16K31/04; G21D1/00	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER GROUP CO LTD	Gate valve for nuclear power station
CN202156879U U 20120307	CN20112221280U 20110628	B66C13/16; B66D1/48; B66D1/58; G01G19/14; G21F5/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Waste filter element replacing transporting container load measuring and overload protecting device
CN202102726U U 20120104	CN20112221668U 20110628	G21C13/08; G01N23/05; G21C13/02; G21C17/10	CHINA INST ATOMIC ENERGY	Special nuclear fuel component transferring container for neutron photography non-destructive testing
CN202102731U U 20120104	CN20112221669U 20110628	G21C17/04; G21C17/10	CHINA INST ATOMIC ENERGY	Neutron photographic detection device of nuclear fuel rod of pressurized water reactor
CN202102737U U 20120104	CN20112221704U 20110628	G21G4/02	CHINA INST ATOMIC ENERGY	Primary neutron-source part for starting nuclear reactor
CN202102736U U 20120104	CN20112223493U 20110628	G21F7/00; G21F1/12	SHANGHAI JIALIN BIOLOG TECHNOLOGY CO LTD; SHANJUN CHENG	Electromagnetic shielding and protecting chamber
CN202110832U U 20120111	CN20112224674U 20110629	G21C15/18	ZHONGKEHUA NUCLEAR POWER TECHNOLOGY INST CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Top-positioned type non-dynamic emergency waste heat discharging system for pressurized water reactor
CN202142309U U 20120208	CN20112224929U 20110629	G21F9/00; G21F9/36	CHINA INST FOR RADIATION PROT	Threaded packaging pipe for reconditioning waste radioactive source with long service life

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CN202142308U U 20120208	CN20112224995U 20110629	G21F5/00; G21F5/06; G21F5/12	CHINA INST FOR RADIATION PROT	Long-life spent radioactive source servicing multilayer package long-term storage container
CN202126852U U 20120125	CN20112226769U 20110630	G21K1/00; G21G4/02; G21K1/02; G21K1/06	UNIV CHANGCHUN TECHNOLOGY	14 MeV neutron thermalization device
CN202110831U U 20120111	CN20112228970U 20110630	G21C15/00; G21C15/24	TONG JUN	Cooling system of nuclear power station
CN202187127U U 20120411	CN20112230195U 20110624	D03D15/00; A41D31/00; D03D15/02; G21F1/00	SHAOXING SHULILE TEXTILE CO LTD	Radiation prevention shirt fabric woven with silver fiber
CN202131437U U 20120201	CN20112230198U 20110624	D03D15/00; A41D31/00; G21F1/00	SHAOXING SHULILE TEXTILE CO LTD	Radiation-protection memory casual clothing fabric
CN202110833U U 20120111	CN20112234213U 20110705	G21K5/00; G21K5/08; G21K5/10	SHANGHAI JPY ION TECH CO LTD	In-situ and anti-falling stopper for support box of irradiation device
CN202170656U U 20120321	CN20112235316U 20110705	E04H5/02; G21D1/00; G21D1/02	ECEPDI CN POWER ENG CONS	Nuclear power plant arrangement structure
CN202134218U U 20120201	CN20112236893U 20110706	G21F3/02; A41D27/00; A41D27/04; A41D27/26	LEI CHENG	Radiation-proof posture-correcting clothes
CN202196585U U 20120418	CN20112239775U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Nuclear waste liquid processing device
CN202196586U U 20120418	CN20112239834U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Nuclear waste liquid multi-cascaded processing device

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CN202196587U U 20120418	CN20112240003U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Nuclear waste liquid electrolyzing-filtering combined treatment device
CN202196588U U 20120418	CN20112240721U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Multi-stage treatment device for nuclear waste liquid
CN202196589U U 20120418	CN20112242226U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Nuclear waste liquid processing device
CN202196590U U 20120418	CN20112242289U 20110708	G21F9/04; G21F9/06; G21F9/10; G21F9/12	MEIXIA ZENG	Nuclear waste liquid purification device
CN202189566U U 20120411	CN20112243932U 20110712	G21K1/04; A61N5/00	LANLAN SHI	Electric multi-blade collimator
CN202178076U U 20120328	CN20112246131U 20110713	G21F9/04; G21F9/06; G21F9/10; G21F9/12	ZHEJIANG JINGQUAN WATER TREAT EQUIPMENT CO LTD	Purification treatment device of water polluted by nuclear radiation
CN202159499U U 20120307	CN20112251038U 20110717	G21F5/00; G21F5/14; G21F9/00	RUIREN ZHAI; TINGKAI GUO; PANG CHAOXIA; XINLI LI	Movable radiation decontamination device
CN202183235U U 20120404	CN20112252260U 20110718	G21K1/02; G01N23/20	CHINA INST ATOMIC ENERGY	Neutron collimator and neutron scattering spectrometer
CN202178077U U 20120328	CN20112252274U 20110718	G21K1/10	CHINA INST ATOMIC ENERGY	Neutron absorption layer carrier stretching device
CN202205474U U 20120425	CN20112252277U 20110718	G21K1/02; G01N23/20	CHINA INST ATOMIC ENERGY	First collimator adjustment device of neutron texture diffraction instrument
CN202205467U U 20120425	CN20112252287U 20110718	G21C3/34; G21C3/344; G21C3/356	CHINA INST ATOMIC ENERGY	Tubular positioning grid of pressurized water reactor double-sided cooling fuel rod

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
CN202205468U U 20120425	CN20112252289U 20110718	G21C3/352; G21C3/356	CHINA INST ATOMIC ENERGY	Conical positioning grid of pressurized water reactor double-sided cooling fuel rod
CN202178068U U 20120328	CN20112252570U 20110718	G21D1/00; G21D1/02	SHENYANG RUBBER RES & DESIGN INST CHINA RUBBER CROP	Refrigerating water tank diaphragm used in nuclear power stations
CN202167249U U 20120314	CN20112256777U 20110720	G21F3/02; A41D31/02	TIANJIN YUHANG TECHNOLOGY DEV CO LTD	Multilayer radiation-proof clothes
CN202171958U U 20120321	CN20112261786U 20110722	G21F5/00	SHENZHEN LANDWIND CO LTD	Shielding box for detection of X-ray high voltage generator
CN202178071U U 20120328	CN20112263444U 20110725	G21F3/02	NANTONG TONGZHOU DISTR FIVE PICK PEAS WOVEN PLANT	Radiation-proof waistcoat
CN202208475U U 20120502	CN20112265156U 20110725	B65D88/06; B65D90/02; B65D90/04; B65D90/08; G21D1/00	STATE NUCLEAR ELECTRIC POWER PLANNING DESIGN & RES INST	Nuclear power plant conventional island desalting water tank
CN202159500U U 20120307	CN20112268228U 20110727	G21K5/00; B66D1/12	YANGZHOU IRRADIATION CT	Radioactive source lifting device for irradiation processing
CN202178067U U 20120328	CN20112272439U 20110729	G21C19/07	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST; CNNC THIRD QINSHAN NUCLEAR POWER CO LTD	Improved dry storage module for heavy water reactor irradiated fuel
CN202178075U U 20120328	CN20112272485U 20110729	G21F5/008; B66C3/00; B66C13/08; B66C13/12; B66D1/58; G21F5/06; G21F5/14	SHANGHAI NUCLEAR ENGINEERING RES & DESIGN INST; CNNC THIRD QINSHAN NUCLEAR POWER CO LTD	Heavy-water spent fuel dry type storage screen transportation container
CN202189561U U 20120411	CN20112273395U 20110729	G21B1/15	SOUTHWESTERN INST OF PHYSICS	Pipeline for injecting bullets at high-field side

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CN202178066U U 20120328	CN20112274447U 20110729	G21B1/15	SOUTHWESTERN INST OF PHYSICS	Multilevel differential vacuum pumping system for propulsive gas of nuclear fusion projectile charging
CN202153442U U 20120229	CN20112275084U 20110729	G21F9/00; B08B3/02; B08B13/00	BEIJING DEGAOJIE CLEANING EQUIPMENT CO LTD	Sewage cleaning and clearing system for nuclear pollution occasions
CN202183234U U 20120404	CN20112276486U 20110802	G21F3/02; A41D13/00; A41D13/01	JUBIN LUO	Radiation-resistant heat insulation garment
CN202196583U U 20120418	CN20112276947U 20110802	G21F3/02; G21F1/12	QIDONG FENGBING GARMENT CO LTD	Protective lead garment
CN202196584U U 20120418	CN20112276971U 20110802	G21F3/02; G21F1/12	QIDONG FENGBING GARMENT CO LTD	Radiation-resistant garment
CN202205473U U 20120425	CN20112281260U 20110804	G21F5/06; G21F5/12	CHINA NUCLEAR POWER ENG CO LTD	Water power component shielding container
CN202159497U U 20120307	CN20112283126U 20110805	G21C9/06; E21F7/00	718TH RES INST OF CHINA SHIP HEAVY INDUSTRY GROUP CO	Device used for removing flammable gas in closed environment
CN202178072U U 20120328	CN20112284355U 20110805	G21F3/02	JIAJIA ZHU	Anti-radiation garment for shielding keyboard radiation
CN202178073U U 20120328	CN20112284368U 20110805	G21F3/02	YING DENG	Improved radiation prevention clothing
CN202178074U U 20120328	CN20112284415U 20110805	G21F3/02	LIMEI FU	Anti-radiation garment with enlarged shielding area
CN202189563U U 20120411	CN20112284423U 20110805	G21F3/02	YEFANG QI	Radiation protection clothes capable of weakening backside radiation
CN202205471U U 20120425	CN20112284932U 20110805	G21F3/00	XUEWEN LIU	Insertion combined barium-base polyvinyl chloride (PVC) protection plate
CN202160658U U 20120314	CN20112286195U 20110808	A41B9/02; G21F3/02	DONGGUAN COSMO LADY IND CO LTD	Radiation-protection male underpants
CN202217514U U 20120509	CN20112289729U 20110810	G21G1/04	SHANGHAI YUANZI KEXING PHARMACEUTICAL CO LTD	Simulation target system for radiopharmaceutical production

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CN202262020U U 20120530	CN20112290679U 20110804	H05H7/00; G21K5/00	ZHOUSHAN LEIDA ELECTRONIC TECHNOLOGY CO LTD	Titanium window side blowing cooling device of electronic accelerator
CN202221663U U 20120516	CN20112295407U 20110813	G21K3/00; A61N5/00	SICHUAN RUIDI MEDICAL SCIENCE AND TECHNOLOGY CO LTD	Physical compensator for radiation therapy and its special mounting plate
CN202221661U U 20120516	CN20112296221U 20110816	G21C13/02; G21C13/036	NUCLEAR POWER INST CHINA	Penetration reactor containment device for armored thermocouples
CN202160677U U 20120314	CN20112296308U 20110809	A41D1/20; A41D27/00; G21F3/02	YANCHENG HUAYUE WEAVING PLANT	Zippered radiation protecting maternity dress with adjustable backside
CN202222459U U 20120523	CN20112296327U 20110809	A41D1/20; A41D27/00; G21F3/02	YANCHENG HUAYUE WEAVING PLANT	Adjustable button-type radiation-proof maternity dress
CN202221489U U 20120516	CN20112298751U 20110817	G02B6/44; G21C13/02; G21C17/116	NUCLEAR POWER INST CHINA	Reactor containment optical fiber electrical penetration piece
CN202221660U U 20120516	CN20112298766U 20110817	G21C7/14; G21C7/10	NUCLEAR POWER INST CHINA	Mixing linear reluctance motor type control rod driving mechanism
CN202159496U U 20120307	CN20112299814U 20110817	G21B3/00; F24J3/00	SHENHUA GROUP CORP LTD; SHENHUA TECHNOLOGY DEV CO LTD	Apparatus for triggering H/Pd gas-solid system to heat by using pressure
CN202205469U U 20120425	CN20112300230U 20110818	G21C17/10	STATE NUCLEAR POWER AUTOMATION SYSTEM ENGINEERING COMPANY	System for detecting rod position of nuclear power plant
CN202205470U U 20120425	CN20112300358U 20110818	G21C17/10; G21C7/12	STATE NUCLEAR POWER AUTOMATION SYSTEM ENGINEERING COMPANY	Rod position detector for pressurized water reactor nuclear power plant
CN202217513U U 20120509	CN20112301459U 20110818	G21C13/024	CHINA NUCLEAR POWER ENG CO LTD; CHINA GAUNGDONG NUCLEAR POWER GROUP CO LTD	Precast supporting device of thermal insulating layer of pressure vessel of nuclear power station

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CN202221662U U 20120516	CN20112302394U 20110819	G21F9/28; G01N17/00; G08B21/00; G21F9/30	NUCLEAR POWER INST CHINA	Safety control and alarm system used for post-treatment corrosion test of spent fuel
CN202159495U U 20120307	CN20112304711U 20110819	G21B1/00; G21B1/11	SHENHUA GROUP CORP LTD; SHENHUA TECHNOLOGY DEV CO LTD	Device triggering deuterium-palladium gas-solid system to generate heat
CN202189562U U 20120411	CN20112311282U 20110825	G21C15/14; G21C15/00	JIANGSU BAODE HEAT EXCHANGER CO LTD	Heat exchanger
CN202189564U U 20120411	CN20112314063U 20110826	G21F3/02; D03D9/00; D03D15/00; G21F1/12	WUJIANG DUOYI FIBER TRADING CO LTD	Radiation-proof garment
CN202230747U U 20120523	CN20112315132U 20110826	G21F5/06; G21F5/12	WUHAN HAIWANG NEW ENERGY ENGINEER TECHNOLOGY CO LTD	Shielding container for main pump hydraulic assembly
CN202222492U U 20120523	CN20112316510U 20110826	A41D27/20; G21F3/02	LILANG CHINA CO LTD	Garment with sterilization and anti-radiation pocket
CN202211942U U 20120509	CN20112319013U 20110830	A61N5/10; G21K1/00	SUZHOU LINA MEDICAL TECHNOLOGY CO LTD	Leaf for grating of radiotherapy equipment
CN202258387U U 20120530	CN20112326253U 20110901	G21C13/02; G21C9/00; G21C13/024	ZHISHENG LI	Anti-vibration device for nuclear power station reactor
CN202258393U U 20120530	CN20112331593U 20110906	G21F5/08; G21F5/015	ATOM HIGH TECH CO LTD	Storage and transport container of primary neutron source components for starting nuclear reactor
CN202210422U U 20120502	CN20112332083U 20110906	G21F3/02	TIANJIN TIANOU INSPECTION TECHNOLOGY CO LTD	Special clothing for radiographic inspection of special equipment on site
CN202258386U U 20120530	CN20112345028U 20110914	G21C7/10; G21C7/117	UNIV NORTH CHINA ELEC POWER	Nanomaterial control rod for supercritical water reactor
CN202275605U U 20120613	CN20112348312U 20110916	G21F3/02	TIAN XIE	Novel radiation-proof clothing

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CN202205472U U 20120425	CN20112350672U 20110919	G21F3/02	YING YE	Anti-radiation electrothermal garment
CN202196591U U 20120418	CN20112355210U 20110909	G21K5/00	SIDA WANG	Microwave biomedical irradiation device capable of controlling temperature independently
CN202258391U U 20120530	CN20112356989U 20110922	G21F3/00	YIJUN SHI	Modular mobile ray shielding device
CN202282167U U 20120620	CN20112359378U 20110923	G21C17/00	NUCLEAR POWER INST CHINA	Portable checkout equipment for marine reactor rod position indicating device
CN202258392U U 20120530	CN20112375281U 20111008	G21F5/015; G21F5/06; G21F5/12	RONGRONG ZHANG	Negative-pressure drainage tube storage protection device
CN202258388U U 20120530	CN20112378186U 20110930	G21D1/00; G21D1/04	GUANGZHOU GOALAND ENERGY CONSERVATION TECH CO LTD	Closed circulation water cooling system applied to nuclear energy power generation
CN202282169U U 20120620	CN20112382375U 20111010	G21F3/00; B32B15/088	HAIYAN LIU	Anti-electromagnetic-radiation magic tape
CN202263302U U 20120606	CN20112387918U 20111012	A61N5/00; G21K1/02	DONGGUAN YUEJIN IND INVEST CO LTD	Shielding column driving mechanism in matrix intensity modulation radiotherapy collimator
CN202263303U U 20120606	CN20112387920U 20111012	A61N5/00; G21K1/02	DONGGUAN YUEJIN IND INVEST CO LTD	Shielding column driving mechanism in matrix intensity modulated radiation therapy collimator
CN202282168U U 20120620	CN20112388822U 20111013	G21C19/02; G21C19/18; G21C19/19	NUCLEAR POWER QINSHAN JOINT VENTURE COMPANY LTD; NUCLEAR POWER INST CHINA	Auxiliary single-side little-boot-upper charging device for nuclear-fuel assembly
CN202267490U U 20120606	CN20112392934U 20111014	G01D5/12; G21K5/00	ZHONGJIN IRRADIATION INC COMPANY	Detection system of closing state of door body of irradiation container
CN202258389U U 20120530	CN20112396866U 20111018	G21D1/00; G21D1/02; G21D3/06	CHINA NUCLEAR POWER ENG CO LTD; CHINA GUANGDONG NUCLEAR POWER [CN]	Anti-explosion system of control equipment in explosive environment of nuclear power plant

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CN202258390U U 20120530	CN20112405224U 20111014	G21F1/08; G21F5/008	TAIYUAN HEAVY INDUSTRY CO LTD	Device for shielding nuclear radiation
CN202282170U U 20120620	CN20112450753U 20111106	G21F5/06; G21F5/12	SHIZHONG LI	Simple storage equipment for medicine used in radiology department
CN102445732 A 20120509	CN20121001522 20120105	G02B6/26; G02B6/38; G21K1/00	UNIV ZHEJIANG	Multi-beam optical tweezers based on planar optical waveguide
CZ303201 B6 20120523	CZ20110000106 20110301	G01T1/164; G01N23/22; G01T1/29; G01T5/10; G21K7/00	CRYTUR SPOL S R O [CZ]	Scintillation detection unit for detecting electrons, ions and photons of sandwich structure
SK500092012U U1 20120604	CZ20110024879U 20110923	G21F5/00; B65D85/82	SKODA JS A S [CZ]	Internal ins container to store used fuel assemblies of VVER 440 reactor
CZ23267U U1 20120125	CZ20110024897U 20100531	E04H14/00; E04H9/00; G21F7/00	BRANICKA STAVEBNI [CZ]	Hot chamber
CZ23202U U1 20120118	CZ20110024919U 20111005	G01T1/164; G01N23/22; G01T1/29; G01T5/10; G21K7/00	CESKU VYSOKU UCENI TECHNICKU V PRAZE [CZ]	Radiation resistant electromagnetic or hadron calorimeter
CZ23338U U1 20120208	CZ20110025217U 20111124	G21C9/004	PAUZER VACLAV [CZ]	Removable orifice-type pressure suppressor
CZ23236U U1 20120118	CZ20110025218U 20111124	G21C9/004	PAUZER VACLAV [CZ]	Welded orifice pressure throttle
CZ23297U U1 20120201	CZ20110025287U 20111208	G21C19/11	EKODA JS A S [CZ]	Lower end piece of VVER-440 atomic reactor introduced rod
CZ23993U U1 20120627	CZ20120025978U 20120430	G21F5/008; G21F5/12	FITE A S [CZ]; MORAVSK VZKUM [CZ]; HALADA PAVEL [CZ]	Transportation and handling two-skin storage packaging system for storage of spent nuclear fuel

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
ES2382904T T3 20120614	DE20021020478 20020507	G01F23/26; H02G3/22; B65D90/48; G01F23/284; G21C13/028; G21C17/035; G21D1/00; H01R9/16	AREVA NP GMBH [DE]	
ES2372933T T3 20120127	DE20021034159 20020726	G21F1/10; G21F1/08	MAVIG GMBH [DE]	MATERIAL DE SUSTITUCION DEL PLOMO PARA FINES DE PROTECCION CONTRA RADIACIONES.
ES2377746T T3 20120330	DE200410025585 20040525	G21C13/00; G21C15/12; G21C13/073; G21C15/18	WESTINGHOUSE ELECTRIC GERMANY GMBH [DE]	Tapa del recipiente a presión de un reactor para un reactor de agua en ebullición
AT554485T T 20120515	DE200410031934 20040627; WO2005DE01111 20050615	G21K1/00; G21K1/02	HELMHOLTZ ZENT B MAT & ENERG [DE]	STRAHLUNGSOPTISCHES BAUELEMENT
ES2373962T T3 20120210	DE200410054471 20041111; WO2005EP11409 20051025	C23G1/00; C02F5/08; F28G9/00; G21F9/00	AREVA NP GMBH [DE]	PROCEDIMIENTO DE LIMPIEZA PARA ELIMINAR DEPOSITOS QUE CONTIENEN MAGNETITA DE UN RECIPIENTE DE PRESION DE UNA CENTRAL ELECTRICA.
ES2371685T T3 20120109	DE200510056727 20051129	G21F9/00	AREVA NP GMBH [DE]	PROCEDIMIENTO PARA LA DESCONTAMINACION DE UNA SUPERFICIE DE UN COMPONENTE O UN SISTEMA DE UNA INSTALACION NUCLEAR, QUE PRESENTA UNA CAPA DE OXIDO.
TWI359427B B 20120301	DE200510057249 20051129	G21C9/033; G21C7/16; G21C7/22	AREVA NP GMBH [DE]	Feeding system and feeding mehtod and nuclear powe

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KR20120039070 A 20120424	DE200610010826 20060307	G21C13/028; G21D1/02	AREVA NP GMBH [DE]	NUCLEAR ENGINEERING PLANT AND CLOSURE APPARATUS FOR ITS CONTAINMENT
AT551700T T 20120415	DE200610055966 20061124; WO2007EP09369 20071029	G21C15/16; B01D19/00; G21C19/307	AREVA NP GMBH [DE]	KERNTECHNISCHE ANLAGE UND VERFAHREN ZUM BETREIBEN EINER KERNTECHNISCHEN ANLAGE
AT553802T T 20120515	DE200710006189 20070207; WO2008EP00825 20080201	A61M5/178; G21F5/018	ISOTOPEN TECHNOLOGIEN MUENCHEN AG [DE]	VORRICHTUNG ZUM BEFÜLLEN EINES MEDIZINISCHEN GERÄTS MIT EINER RADIOAKTIVEN SUBSTANZ UND VERFAHREN
AT543129T T 20120215	DE200710038060 20070810; WO2008EP59131 20080711	G05D23/19; G01K1/08; G01M3/00; G01M3/40; G21C17/00	ENDRESS & HAUSER WETZER GMBH [DE]	VORRICHTUNG ZUR BESTIMMUNG UND/ODER ÜBERWACHUNG EINER PROZESSGRÖSSE
RU2010128603 A 20120120	DE200710060372 20071212	G21C9/06; G21C19/317	AREFA NP GMBKH [DE]	RECOMBINANT ELEMENT
AT545936T T 20120315	DE200810035210 20080729; WO2009EP05287 20090721	G21K5/00	FRAUNHOFER GES FORSCHUNG [DE]	RÖNTGENTARGET UND EIN VERFAHREN ZUR ERZEUGUNG VON RÖNTGENSTRAHLEN
US2012056106 A1 20120308	DE200910015076 20090331; WO2010EP53076 20100311	G21K5/00; C03C3/04; C03C3/06	HERAEUS QUARZGLAS [DE]	OPTICAL FILTER MATERIAL MADE OF GALLIUM-DOPED QUARTZ GLASS, FILTER COMPONENT AND METHOD FOR IRRADIATION BY MEANS OF A UV RADIATION SOURCE
US2012025106 A1 20120202	DE200910017344 20090414; WO2010EP54637 20100408	G21K5/04	APEL MANFRED [DE]; FIEBIGER CLEMENS [DE]; HENNIG WOLFGANG [DE]; SCHMIDT ROLAND [DE]; OESTERREICHER BJOERN [DE]	BEAM HEAD

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US2012017975 A1 20120126	DE200910025972 20090615; WO2010EP58167 20100610	B32B7/02; G21F3/00; H01L31/0232	SAINT GOBAIN [FR]	LAMINATED GLASS PANE AND USE THEREOF
EP2467741 A1 20120627	DE200910043824 20090821; WO2010EP05121 20100820	G02B1/10; G02B5/08; G03F7/20; G21K1/06	ZEISS CARL SMT GMBH [DE]; ASML NETHERLANDS BV [NL]	A REFLECTIVE OPTICAL ELEMENT AND METHOD OF PRODUCING IT
AU2010324150 A1 20120628	DE200910054388 20091124; WO2010EP06971 20101116	A61N5/10; A61M35/00; G21F7/06	ITM ISOTOPEN TECHNOLOGIES MUENCHEN AG [DE]	Applicator for applying a radioactive substance to a biological tissue
US2012119114 A1 20120517	DE201010014002 20100407	G21K5/00	BRAEUER MARTIN [DE]	METHOD FOR OPERATING A PARTICLE THERAPY SYSTEM
KR20120034125 A 20120409	DE201010014039 20100406	G21C19/10; G21C19/105; G21C19/16	AREVA NP GMBH [DE]	FUEL ASSEMBLY LOADING MACHINE
US2012104283 A1 20120503	DE201010019017 20100503	G21K5/10	DIRAUFR FRANZ [DE]; FADLER FRANZ [DE]; WEIDNER PAUL [DE]	IRRADIATION SYSTEM
US2012161038 A1 20120628	DE201010025660 20100630	G21K5/00	GEMMEL ALEXANDER [DE]	ACCELERATOR AND METHOD FOR IRRADIATING A TARGET VOLUME
WO2012000590 A1 20120105	DE201010025831 20100701	G01V5/00; G21F1/10; G21F3/00	SMITHS HEIMANN GMBH [DE]; CRASS MATTHIAS [DE]	RADIATION PROTECTION CURTAIN
EP2405446 A2 20120111	DE201010026560 20100708	G21F1/04; G21F7/005	ORGANISATIONSGESELLSCHAFT DER RADIOLOGEN IN PASSAU GBR [DE]	Wall construction for a radiation protection bunker
DE102010026936 A1 20120112	DE201010026936 20100712	G21F9/30; C01B31/02; C01B31/04; G21F9/02	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	Verfahren zur Teildekontamination radioaktiver Abfälle

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DE102010027238 A1 20120119	DE201010027238 20100715	B23D45/00; B23D47/12; G01T1/29; G21K4/00; H01L21/02	SIEMENS AG [DE]	Sägevorrichtung und Verfahren zur Herstellung eines in Szintillatorelemente strukturierten Szintillators sowie Szintillator mit Szintillatorelementen
US2012014511 A1 20120119	DE201010027596 20100719	G21K3/00; G02B1/12	HOHEISEL MARTIN [DE]	Method for Producing a Grating and Phase Contrast X-Ray System
TW201201221 A 20120101	DE201010028457 20100430	G21F9/28	AREVA NP GMBH [DE]	Method for surface-decontamination
DE102010031273 A1 20120119	DE201010031273 20100713	A61N5/06; A61B18/18; G21K5/04	SCHIKORA DETLEF [DE]	Vorrichtung zur Bestrahlung von Porphyrinmolekülen in menschlichem Gewebe
WO2012007485 A1 20120119	DE201010031284 20100713	G21C9/00; E04H5/02; G21C9/004; G21C13/024; G21C15/18	SIEMENS AG [DE]; KOLEV NIKOLAY [DE]	REACTOR BUILDING FOR PRESSURIZED-WATER REACTOR
WO2012007220 A1 20120119	DE201010031385 20100715	G21C19/30; B01D27/00; B01D35/00; G21C19/307; G21F9/04	AREVA NP GMBH [DE]; BROCKMOELLER-MEINERS ARNE [DE]	FILTER FOR COOLING WATER OF A PRIMARY CIRCUIT OF A NUCLEAR POWER STATION, AND A METHOD FOR FILTERING COOLING WATER
DE102010031476 A1 20120119	DE201010031476 20100716	E04B2/56; E04G23/04; G21C9/00; G21F1/08	SOMMER METALLBAU STAHLBAU GMBH [DE]	Protection wall construction for use in plants such as nuclear plants, has external wall made of concrete or brick, at which plates of metal are attached in area of base element and cover element
DE102010031610 A1 20120126	DE201010031610 20100721	G01M3/40; F17D5/02; G21D1/00	AREVA NP GMBH [DE]	Komponente zum Führen oder Aufnehmen eines Fluids und Verfahren zum Überprüfen der Komponente
DE102010032214 A1 20120126	DE201010032214 20100726	H05H7/12; G21G1/08; G21G1/10;	SIEMENS AG [DE]	Methode und Anordnung zur Kontrolle von Schall- und Stosswellen in einem Target eines Teilchenbeschleunigers

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		H05H7/02		
DE102010032215 A1 20120126	DE201010032215 20100726	G01T1/29; G01T1/18; G21K1/10; G21K4/00; H01J47/08; H05H7/14	SIEMENS AG [DE]	Teilchendetektor
DE102010032216 A1 20120209	DE201010032216 20100726	G21G1/10; G21C7/24; G21G1/08; H05H7/02	SIEMENS AG [DE]	Gepulste Spallations-Neutronenquelle
DE102010033446 A1 20120209	DE201010033446 20100804	H01J61/30; A61L2/10; F21V9/06; G09F13/26; G21K5/02; H01J61/38; H01J61/40	HERAEUS NOBLELIGHT GMBH [DE]	Quecksilberdampf Lampe für eine homogene flächenhafte Bestrahlung
DE102010033511 A1 20120209	DE201010033511 20100805	A61B6/03; A61B5/05; A61B6/00; A61B6/04; G01N23/04; G21K4/00; H05G1/02	SIEMENS AG [DE]	Method for generation of multiple projective X-ray images of examination object from different directions, involves providing X-ray source, which has multiple adjacent X-ray emitters which emit bundle of X-rays
DE102010033855 A1 20120209	DE201010033855 20100806	G21C3/08; G21C3/322; G21C3/336; G21C21/02	SIEMENS AG [DE]	Core material pipe for fuel rod used in nuclear power station, has circulating spacer that is provided and firmly bonded at outer surface

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DE102010034016 A1 20120216	DE201010034016 20100811	G21F5/005	HAUCK JOSEF [DE]	Method for production and disposal of radioactive barrels, involves preparing iron plate connection, where five-section mold is placed on floor, and lower rack is placed on stone
DE102010034567 A1 20120223	DE201010034567 20100817	G21K4/00; G01T1/29	SIEMENS AG [DE]	Flachbilddetektor und Verfahren zum erzeugten medizinischer digitaler Bilder
DE102010034597 A1 20120216	DE201010034597 20100812	G21K1/00; G21K3/00; H05G1/02	IFG INST FOR SCIENT INSTR GMBH [DE]	X-ray optics e.g. multi-layer optics, for use in e.g. laboratory X-ray tubes, has housing, beam entrance window and beam exit window, where beam entrance window and beam exit window are made of vitreous carbon or polyethylene naphthalate
WO2012025436 A1 20120301	DE201010035132 20100823	G21G4/02	SIEMENS AG [DE]; HABS DIETRICH [DE]; UNIV MUENCHEN L MAXIMILIANS [DE]	METHOD AND DEVICE FOR GENERATING FREE NEUTRONS
WO2012025174 A1 20120301	DE201010035509 20100825	G21C9/004	AREVA NP GMBH [DE]; ECKARDT BERND [DE]; LOSCH NORBERT [DE]; PASLER CARSTEN [DE]	METHOD FOR DEPRESSURIZING A NUCLEAR POWER PLANT, DEPRESSURIZATION SYSTEM FOR A NUCLEAR POWER PLANT, AND ASSOCIATED NUCLEAR POWER PLANT
EP2423923 A2 20120229	DE201010035510 20100825	G21C9/00; B01D46/00; G21C9/004; G21F7/015; G21F9/02	AREVA NP GMBH [DE]	Method for releasing pressure of a nuclear power plant, pressure release system for a nuclear power plant and nuclear power plant
EP2422702 A1 20120229	DE201010035917 20100831	A61B6/10; G21F3/00	SIEMENS AG [DE]	Radiation protection wall for mammogram systems with integrated user interface

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DE102010035925 A1 20120301	DE201010035925 20100831	H05H6/00; G21G1/00; G21G1/10	SIEMENS AG [DE]	Kontrolle der Energiedichte in einem Target eines Teilchenbeschleunigers
EP2423925 A2 20120229	DE201010035955 20100831	G21C19/07; G21C19/08; G21C19/40; G21F7/015	WESTINGHOUSE ELECTRIC GERMANY GMBH [DE]	Fuel element storage pool with cooling system
DE102010036161 A1 20120308	DE201010036161 20100902	G21K1/10; B23K26/42	ZEISS CARL AG [DE]	Beam trap for absorbing radiation energy of unwanted laser radiation, comprises two reflectors, where one of the reflectors is provided with the radiation energy of absorbent coating and both reflectors are positioned to each other
DE102010036373 B3 20120105	DE201010036373 20100713	G21C19/19; G21C19/10; G21C19/26; G21F5/008	NUCLEAR CARGO & SERVICE GMBH [DE]	Verfahren und Anordnung zum gasdichten Umschliessen zumindest eines Brennstabs
EP2413330 A1 20120201	DE201010036737 20100729	G21C19/48; C22B60/02; G21C19/50	DINATRON METAL [UA]	Method for dry recycling of spent (irradiated) solid nuclear fuels and a device for performing the method
DE102010037201 A1 20120301	DE201010037201 20100827	E04H5/02; E04H9/04; E04H9/06; G21C13/093; G21D1/00	HOCHTIEF CONSTRUCTION AG [DE]	Structure i.e. nuclear power plant structure, has protective shell including inner protective layer made of concrete and/or reinforced concrete, which exhibit higher ductility than that of reactor dome of structure
DE102010037202 A1 20120301	DE201010037202 20100827	E04H5/02; E04H9/04; E04H9/06; G21C13/093; G21D1/00	HOCHTIEF CONSTRUCTION AG [DE]	Construction, particularly nuclear power plant construction, comprises outer covering, and protective covering for protecting construction against impacting flying objects

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DE102011052269 A1 20120322	DE201010037594 20100916; DE201110052269 20110728	G21K1/093; A61N5/10; G21K1/02	HELMHOLTZ ZENTRUM DRESDEN ROSSENDORF E V [DE]	Arrangement for generating high-energy proton beams during laser driven proton beam therapy, uses pulsed high magnetic coil for energy selection, delivery of proton beam used for collimation
DE102010037964 B3 20120322	DE201010037964 20101005	G21G4/08; A61K51/00; G21G4/04; G21H5/00	ITM ISOTOPEN TECHNOLOGIES MUENCHEN AG [DE]	⁶⁸ Ga-Generator
DE102010038802 A1 20120202	DE201010038802 20100802	G21K5/02; B05D3/06; F21V23/00	IST METZ GMBH [DE]	Vorrichtung zur UV-Bestrahlung von Objekten
WO2012022531 A2 20120223	DE201010039413 20100817	F22B37/00; F28G15/00; G01N1/08; G21D1/00	AREVA NP GMBH [DE]; SEEBERGER ERICH [DE]	METHOD AND DEVICE FOR TAKING A SAMPLE IN A STEAM GENERATOR
DE102011004293 A1 20120329	DE201010041254 20100923; DE201110004293 20110217	F21S8/12; F21V13/02; F21V14/00; F21V19/00; F21V29/00; G21K5/04	AUTOMOTIVE LIGHTING REUTLINGEN [DE]	Modularer Infrarotstrahler für ein Infrarotsichtgerät eines Strassenkraftfahrzeugs
DE102010041525 A1 20120329	DE201010041525 20100928	G21K4/00; G01T1/29	SIEMENS AG [DE]	Scintillator arrangement for e.g. X-ray detector, has multiple columnar scintillators arranged on substrate and humidity protection layers formed on scintillators by automatic layer deposition process

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DE102010041532 A1 20120105	DE201010041532 20100928	F16B11/00; F16S1/02; G21B1/11; G21F1/12	SIEMENS AG [DE]	Composite component, has connector arranged between internal component and outer component, where inner component is connected with external component by thermal bonding process using connector
DE102010041752 A1 20120405	DE201010041752 20100930	A61N5/10; G21K1/02	SIEMENS AG [DE]	Kalibrierung eines Lamellenkollimators
US2012080594 A1 20120405	DE201010041813 20100930	G01N23/00; G21K5/00	SCHNELL MICHAEL [DE]	PARTICLE BEAM DEVICE AND METHOD FOR ANALYZING AND/OR TREATING AN OBJECT
DE102010042517 A1 20120419	DE201010042517 20101015	A61B6/03; A61B19/00; A61K51/00; G21G1/10; H05H5/02; H05H7/22	SIEMENS AG [DE]	Verbessertes SPECT-Verfahren
DE102010042670 A1 20120426	DE201010042670 20101020	G21K5/00; A61L2/10; C02F1/32	UMEX GMBH DRESDEN [DE]	Device, useful e.g. for ultraviolet irradiation of liquid or gaseous medium, comprises ultraviolet radiation source and two ultraviolet-transparent walls, which are arranged between reaction chamber and ultraviolet radiation-emitting region
US2012099709 A1 20120426	DE201010042683 20101020	G21K3/00	THESEN STEFAN [DE]; WAGNER MARCUS [DE]	DEVICE AND METHOD TO GENERATE X-RAY RADIATION WITH TWO SPECTRA

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DE102010043086 A1 20120503	DE201010043086 20101028	B64G1/54; G21F1/12; G21F3/04	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Casing for protecting equipment against high-energy radiation in space, has heat insulation layer, gas diffusion-proof layer and radiation protection layers that are positioned between mechanical protection layers
DE102010043208 A1 20120503	DE201010043208 20101102	H01J65/04; A61L2/10; G21K5/00	OSRAM AG [DE]	Vorrichtung zum Bestrahlen von Oberflächen
DE102010043215 A1 20120503	DE201010043215 20101102	H01J65/04; A61L2/10; G21K5/00	OSRAM AG [DE]	Strahler mit Sockel für die Bestrahlung von Oberflächen
DE102010046414 A1 20120329	DE201010046414 20100923	G21F9/36; G21F1/04; G21F5/002	BROCKMANN KARL [DE]	Method for embedding of radioactive waste material of atomic industry, radiating material, poison material and other material, involves collecting waste material, radiating material, poison material and other material in barrels
DE102010046928 A1 20120329	DE201010046928 20100929	G21F9/00; G21F9/24; G21F9/36	POPP MATTHIAS [DE]	Repository for nuclear material, particularly for highly radioactive waste, is located in close proximity to each nuclear power plants
DE102010046993 A1 20120405	DE201010046993 20100930	G21K5/04; C09J5/00; F21S10/06	JURCEVIC DINKO [DE]; OFFERMANN THOMAS [IT]; VIERING ANKE [DE]	Flash light device comprises at least one device for generating flash light, and at least a device for focusing the generated flash light

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DE102010047007 A1 20120405	DE201010047007 20100930	A61N5/10; G01S13/56; G21F7/00	SCHWORM DIETMAR [DE]	Person protection system for monitoring therapy area during e.g. nuclear medicine, has control unit for evaluating signals of detectors, where operation of medical irradiation device is stopped during detection of persons in therapy area
DE102010048247 A1 20120412	DE201010048247 20101012	A61N1/16; A41D13/12; A41D31/00; G21F3/02; H01Q17/00	HOERMANN IMG GMBH [DE]	Method for manufacturing electromagnetic radiation shielding textile used for, e.g. hospital, involves coating radio frequency absorbing material mixture nanoparticles and nanolayers that absorb high frequency on treads of textiles
DE102010049136 A1 20120426	DE201010049136 20101022	B29C49/68; F24B7/04; G21K5/04	KRONES AG [DE]	Heizvorrichtung zur Temperierung von Vorformlingen
DE102010049664 B3 20120301	DE201010049664 20101026	G21C9/016	ADAMS ARMATUREN GMBH [DE]	Schnellöffnungsarmatur
WO2012055495 A1 20120503	DE201010049994 20101028	G21K1/06	KARLSRUHER INST TECHNOLOGIE [DE]; MOHR JUERGEN [DE]; LAST ARNDT [DE]; NAZMOV VLADIMIR [DE]; SIMON MARKUS [DE]; GRUND THOMAS [DE]; KENNTNER JOHANNES [DE]	RESIST STRUCTURE FOR PRODUCING AN X-RAY OPTICAL GRATING STRUCTURE
EP2450904 A2 20120509	DE201010050210 20101104	G21C9/00; G21C15/18	AREVA NP GMBH [DE]	Nuclear reactor with reactor pressure vessel flooded from outside
EP2450905 A2 20120509	DE201010050211 20101104	G21C9/00; G21C11/02; G21C15/18	AREVA NP GMBH [DE]	Nuclear reactor with reactor pressure vessel flooded from outside

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DE102010050765 A1 20120510	DE201010050765 20101110	G01B7/02	AREVA NP GMBH [DE]	Stellungsmesssystem und zugehöriges Messverfahren zur Erfassung einer ausgezeichneten Position eines linear beweglichen Führungselementes
US2012112101 A1 20120510	DE201010050947 20101110	G21K5/00	XTREME TECH GMBH [DE]	Method and Arrangement for the Stabilization of the Source Location of the Generation of Extreme Ultraviolet (EUV) Radiation Based on a Discharge Plasma
EP2453443 A1 20120516	DE201010051062 20101111	G21C17/00; G21C17/06; G21C17/10	AREVA NP GMBH [DE]	Detector assembly for a ball measuring system and accompanying ball measuring system and measurement method
DE102010051162 A1 20120516	DE201010051162 20101115	A61N5/06; G21K1/00	LUPELLAU ENGINEERING GMBH [DE]	Verfahren und Vorrichtung zum Bestrahlen unregelmässig geformter Flächen
DE102010052320 B3 20120301	DE201010052320 20101125	G21C11/00; G21C11/08; G21F3/00	AREVA NP GMBH [DE]	Abschirmring für einen Kernreaktor
DE102010052613 A1 20120531	DE201010052613 20101129	A61N5/10; A61K33/00; A61K49/04; G21H5/00; G21K1/06	BRUEHL STEFAN [DE]	Heavy atoms containing substance, useful in a medical procedure, which is radiation therapy, preferably X-rays, for the treatment of tumors and to increase the biological effect of radiation, preferably X-rays
US2012126115 A1 20120524	DE201010052674 20101124	G01N23/00; G02B21/26; G21K5/08	ZEISS CARL MICROIMAGING GMBH [DE]; ZEISS CARL AG [DE]; ZEISS CARL NTS GMBH [DE]	SPECIMEN HOLDER HAVING ALIGNMENT MARKS

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DE102010054569 A1 20120621	DE201010054569 20101215	G21F5/015; G21F5/12; G21K5/00; G21K5/08	GRANOVSKYY VOLODYMYR [DE]	Container for storing radio-active material, has inner container comprising opening that is closed by stopper, platform provided for fastening pattern to be irradiated and arranged on stopper, and channel formed in stopper
DE102010054995 B3 20120308	DE201010054995 20101217	A61N5/10; G01T7/00; G21K5/00	BUNDESREP DEUTSCHLAND [DE]	Water phantom structure for calibrating radiation source during tumor therapy, has palpation device comprising palpation tips that is spaced apart from dosimeter at specific interval so as to deliver output signal
DE102010055177 A1 20120621	DE201010055177 20101220	G21F7/005; G21C13/036; H02G3/22; H05K5/02	SCHOTT AG [DE]	Electrical feed-through assembly for implementing electrical connection through wall of reactor containment vessel in nuclear power plant, has electrical conductor and lines that are in contact with each other through connectors
DE102010056132 A1 20120628	DE201010056132 20101223	G21F1/08; G21F1/10; G21F1/12; G21F3/02	FOERDERUNG VON MEDIZIN BIO UND UMWELTECHNOLOGIEN E V GES [DE]	Fiber material for reducing x-ray exposure, comprises x-ray radiation absorbing metal oxide coating, which has particulate metal oxides with particle diameter smaller than certain nanometer
DE102010056321 A1 20120628	DE201010056321 20101227	H01J37/244; G21K7/00; H01J37/28	ZEISS CARL NTS GMBH [DE]	Particle beam microscope for use with optical path, has magnet lens with optical axis and front pole piece, which is arranged in optical path along optical axis with spacing before object plane

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DE102010060422 A1 20120119	DE201010060422 20101108	G21K5/04; F21S10/06	JURCEVIC DINKO [DE]; VIERING ANKE [DE]	Flash light device i.e. xenon discharge device, for use by dental physician for e.g. gluing of light-curing material in mouth space of children, has focusing device for focusing flash light produced by gas discharge device
DE102010060729 A1 20120524	DE201010060729 20101123	G21K5/10; B65G49/00; G21K5/00	MINERVIUS GMBH [DE]	Verfahren zur Bestrahlung von Gegenständen, insbesondere von Schüttgütern
DE102010061178 A1 20120614	DE201010061178 20101213	G21K1/093; A61N5/10; G21K1/02	GSI HELMHOLTZZENTR SCHWERIONEN [DE]	Chromatischer Energiefilter
DE102010061481 A1 20120628	DE201010061481 20101222	G21K1/06; B81C1/00; G01N23/04	MIRCOWORKS GMBH [DE]	Grill for use in X-ray-based system of medical device and in medical radiography system, has primary structure, which is inserted in carrier by directed etching tread and material
DE102010061711 A1 20120524	DE201010061711 20101122	G01T1/29; A61N5/10; G21K1/08; G21K4/00; H05G1/36	SIEMENS AG [DE]	X-ray detector of X-ray imaging apparatus used in radiation therapy machine, has readable layers for obtaining measurement data of to-be-examined object so as to reconstruct diagrams from to-be-examined object respectively
DE102011084255 A1 20120524	DE201010061870 20101124; DE201110084255 20111011	G02B17/06; G01B11/00; G01B11/24; G01N21/17; G21K1/06	ZEISS CARL SMT GMBH [DE]	Imaging lens for use in metrology system that is utilized during manufacturing of semiconductor components, has mirrors for reproducing object field, where ratio between dimensions of imaging field and user surface is larger than three

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DE102010061893 A1 20120524	DE201010061893 20101124	A61B6/10; A61B6/03; G21F1/06; G21F3/00; H05G1/02	MAVIG GMBH [DE]	Strahlenschutzvorrichtung
US2012132834 A1 20120531	DE201010062192 20101130	G21K1/04; B29C65/14; B29C65/54	SIEMENS AG [DE]	2D Collimator For A Radiation Detector And Method For Manufacturing Such A 2D Collimator
DE102010062208 A1 20120531	DE201010062208 20101130	G01T1/29; A61B6/03; G01T7/00; G21K1/02	SIEMENS AG [DE]	Composite X-ray detector for imaging object, has photo-detector arrangement which transforms light into appropriate electric signals for creation of computer tomography image of object
US2012140875 A1 20120607	DE201010062402 20101203	A61B6/03; G21K3/00	DENNERLEIN FRANK [DE]; RUEHRNSCHOPF ERNST-PETER [DE]	METHOD FOR OBTAINING A 3D RECONSTRUCTION OF AN OBJECT, AND X-RAY DEVICE
EP2461332 A1 20120606	DE201010062472 20101206	G21K1/06; G01N23/20	BRUKER AXS GMBH [DE]	Point-line converter
WO2012079903 A1 20120621	DE201010063424 20101217	C09K11/08; C09K11/54; C09K11/55; C09K11/56; C09K11/58; C09K11/88; C09K11/89; G21K4/00	SIEMENS AG [DE]; PHAM GIA KHANH [DE]; ROSSNER WOLFGANG [DE]	DOPED CUI SCINTILLATOR
EP2428334 A1 20120314	DE201020012232U 20100906	B25J3/04; G21F7/06	WAELLISCHMILLER ENGINEERING GMBH [DE]	Device with a drive unit for powering a manipulator arm of a manipulator and manipulator

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WO2012022731 A2 20120223	DE201020017376U 20100816	F16F15/131; B65B61/18; G21F9/06	BOSCH GMBH ROBERT [DE]; STOERMER STEFAN [DE]; KUPKE NORBERT [DE]; KRITHARIDOU STAVROULA [DE]; VON RIEGEN PETER [DE]	SPRING ELEMENT FOR MECHANICALLY FIXING MAGNETS IN A ROTOR
DE102011051173 A1 20120308	DE201110001266 20110314; DE201110051173 20110617	G21C9/016; G21C3/04	BROSIG STEFAN [DE]	Nuclear reactor for nuclear power station, has fuel rods and control rods hung as fuse, where material of fuse melts at temperature below melting temperature and above maximum permitted operating temperature of fuel rods
DE102011002960 B3 20120426	DE201110002960 20110121	G21K5/00; F21V13/12; H01L25/075; H01L33/58	OSRAM AG [DE]	Solarsimulator und Verfahren zum Betreiben eines Solarsimulators
DE102011003462 B3 20120516	DE201110003462 20110201	G21C19/10; B66C1/42; G21C19/105	AREVA NP GMBH [DE]	Device for pulling fuel element from core of pressurized water nuclear reactor provided in position below fuel element-exchanging machine in power plant, has gripping tool vertically adjustably mounted at lower beam at distance from axis
DE102011004659 B3 20120209	DE201110004659 20110224	G21F9/28; G21C19/32	AREVA NP GMBH [DE]	Verfahren zum Zerlegen eines aktivierten hohlzylindrischen Behälters einer nukleartechnischen Anlage
DE102011004737 A1 20120202	DE201110004737 20110225	G21K3/00; A61B6/03; G01N23/04; H05G1/02	SIEMENS AG [DE]	Filter for X-ray device, particularly computed tomography apparatus, to form intensity profile of X- rays outgoing from X-ray source, has hollow body partially arranged in fluid medium or oil for forming weak X-ray radiation

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DE102011004821 B3 20120419	DE201110004821 20110228	G21C19/26; G21C3/14; G21C19/20	AREVA NP GMBH [DE]	Method for stabilizing blocked fuel assembly when loading/unloading core of nuclear reactor, involves compensating difference between buoyancy and gravitational forces acting on fuel assembly and moving object by buoyancy element
DE102011006003 A1 20120516	DE201110006003 20110324	G03F7/20; G02B5/09; G02B26/08; G21K1/06	ZEISS CARL SMT GMBH [DE]	Illumination optics for use in extreme UV-projection exposure system to illuminate illuminating field in reticle plane for manufacturing microstructured component, has aperture diaphragm adapting main beam direction relative to field
DE102011008202 B3 20120614	DE201110008202 20110111	G21C7/08; G21C7/10; G21C13/02	AREVA NP GMBH [DE]	Sicherungsvorrichtung für einen Steuerstab in einer kerntechnischen Anlage
DE102011017789 B3 20120405	DE201110017789 20110429	G21K4/00; C09K11/55; G01T1/20	SIEMENS AG [DE]	Phosphor sheet comprises a substrate and an overlying additional layer, on which a phosphor layer is applied, where the additional layer is girded such that it forms first and second nubs separated by grooves
DE102011050744 B3 20120614	DE201110050744 20110531	G21C15/18; G21C9/02	123 ENGINEERING LTD & CO KG [DE]	Anordnung und Verfahren zur Notfallversorgung einer kerntechnischen Anlage
DE102011107000 B3 20120516	DE201110107000 20110709	G21C19/08; G21C19/07	WESTINGHOUSE ELECTRIC GERMANY GMBH [DE]	Storage pool cooling module for use in nuclear electrical power unit, has floating bodies arranged below capacitors such that module is buoyant in water, and vaporizers provided below water surfaces and capacitors above water surfaces

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DE102011113493 A1 20120531	DE201110113493 20110913	G21C15/18	KATZER FRANK [DE]; KOCAK TUNCAY [DE]	Emergency cooler for emergency operation of atomic power plant in catastrophe event, has emergency pumps driven by divided propeller shafts in protected supply pipes such that desired length greater than that of propeller shafts is achieved
DE102011121203 B3 20120606	DE201110121203 20111216	G21F9/30; B01F7/00; B28C5/08; G21F9/16	WESTINGHOUSE ELECTRIC GERMANY GMBH [DE]	Stirring tools for use in stirring device for stirring radio active waste with e.g. cement-water mixture in nuclear power station, have surface areas whose portions are coated with protective layers, whose thicknesses lie in specific range
DE202011102698U U1 20120605	DE201120102698U 20110705	G21D1/00	EHRET WILLI [DE]	Schutzeinrichtung zum Schutz der AKWs von Angriffen aus der Luft
DE202011104684U U1 20120306	DE201120104684U 20111226	G21F5/005; G21F1/08	MUELLER KARL [DE]	Dauerhafte Versiegelung radioaktiver Bauteile von stillgelegten Reaktorgebäuden mit Blei.
DE202011106953U U1 20120110	DE201120106953U 20111020	H01J61/52; G21K5/00	ARDENNE ANLAGENTECH GMBH [DE]	Gasentladungslampe und Durchlaufanlage zur Belichtung von Substraten
DE202011108787U U1 20120413	DE201120108787U 20111207	G21C1/07	PICKL OTTO [DE]	Gefäß für Schüttgutreaktoren
DE202011109132U U1 20120112	DE201120109132U 20111216	G21C19/32	WESTINGHOUSE ELECTRIC GERMANY GMBH [DE]	Rührwerkzeug und Rührvorrichtung
DE202012000944U U1 20120224	DE201220000944U 20120130	G21G1/00	ITM ISOTOPEN TECHNOLOGIES MUENCHEN AG [DE]	Vorrichtung zum Labeln von Molekülen
DE202012002371U U1 20120515	DE201220002371U 20120308	G21C15/18	GEYER STEFAN [DE]	Sicherheitseinrichtung für Kernkraftwerke

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DE202012100037U U1 20120214	DE201220100037U 20120105	A61N5/06; A61F7/00; F21S4/00; F21V7/04; F21V14/00; G21K5/04	SCHREIBER & THOLEN MEDIZINTECHNIK GMBH [DE]	Vorrichtung zur lokalen Erwärmung der Haut
AT540797T T 20120115	DK20050000830 20050607; WO2006DK00316 20060607	B29C39/02; G01N1/28; G21C17/00	FORCE TECHNOLOGY [DK]	FORMUNGSVORRICHTUNG
WO2012039647 A1 20120329	EA20100001505 20100922	G21C19/10; B25J11/00	ZAKRYTOE AKTSIONERNOE OBSHESTVO DIAKONT [RU]; NIKOLAEV VYACHESLAV VIKTOROVICH [RU]; ERASOV EVGENIY VLADIMIROVICH [RU]; DUNAEV VADIM IGOREVICH [RU]; FEDOSOVSKY MIKHAIL EVGENEVICH [RU]	DEVICE FOR GRIPPING A CLUSTER OF FUEL ASSEMBLIES IN A NUCLEAR REACTOR
EA201001590 A1 20120228	EA20100001590 20101006	G21C17/07	ZAKRYTOE AKTSIONERNOE OBSHESTVO DIAKONT [RU]	METHOD FOR AUTOMATED FUEL LEAKAGE DETECTION DURING RELOADING OF REACTOR FUEL ASSEMBLY AND SYSTEM THEREFOR
JP2012042484 A 20120301	EP19990202443 19990723	G01N23/20; G01N23/207; G01N23/223; G01T7/00; G21K1/00; G21K1/02; G21K1/06	PANALYTICAL BV [NL]	APPARATUS FOR RADIATION ANALYSIS WITH VARIABLE COLLIMATOR
EP2447952 A2 20120502	EP20040006548 20040318; JP20030076769 20030320	G21C3/32; G21C1/08; G21C3/326; G21C5/18	HITACHI LTD [JP]	Boiling water reactor core and fuel assemblies therefor

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AT548736T T 20120315	EP20040007344 20040326	G21F5/12; B65D53/02; F16J15/08; F16J15/12; F16J15/32; F16L23/20	MITSUBISHI HEAVY IND LTD [JP]	METALLDICHTUNG, VERFAHREN ZUR FERTIGUNG EINER METALLDICHTUNG UND BEHÄLTER ZUM EINSCHLUSS VON RADIOAKTIVEN STOFFEN
ES2372401T T3 20120119	EP20050009871 20050506	G21K1/04	DEUTSCHES KREBSFORSCH [DE]	COLIMADOR Y DISPOSITIVO DE ESCANEADO.
ES2371662T T3 20120105	EP20050019473 20050907	B23K10/00; G21B3/00; H05H1/32	PURRATIO AG [DE]	PROCEDIMIENTO PARA LA PRODUCCION DE ENERGIA TERMICA.
EP2455945 A1 20120523	EP20050734488 20050420; JP20040321968 20041105; JP20040335369 20041119; JP20040125286 20040421; JP20040225507 20040802; JP20040244804 20040825	G21C21/02; C23C16/44; C23C16/442; G21C3/62	NUCLEAR FUEL IND LTD [JP]	Apparatus for manufacturing coated fuel particles for high-temperature gas-cooled reactor
BRPI0712336 A2 20120131	EP20060115018 20060606; WO20071B51771 20070510	G02B3/14; G02B21/32; G02B26/02; G21K1/00	KONINKL PHILIPS ELECTRONICS NV [NL]	membro de manipulação de feixe para uso de um sistema de pinça óptica, sistema de pinça óptica, e, método de manipular um feixe de laser de um sistema de pinça óptica
AT538478T T 20120115	EP20070119543 20071029	G21F9/28; G21F9/00	ATOMIC ENERGY COUNCIL [TW]	DEKONTAMINIERUNGSVERFAHREN FÜR EINE DURCH RADIOAKTIVE ELEMENTE KONTAMINIERTE METALLOBERFLÄCHE

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EP2405448 A2 20120111	EP20080156787 20040908; EP20040021311 20040908; JP20030324578 20030917; JP20030324650 20030917; JP20030324658 20030917; JP20030324610 20030917	G21K4/00; C09K11/73; C09K11/77	KONICA MINOLTA MED & GRAPHIC [JP]	Radiographic image conversion panel and production method thereof
AT541296T T 20120115	EP20080305799 20081112	G21C3/33	AREVA NP [FR]	UNTERE DÜSE EINES BRENNSTABBÜNDELS FÜR EINEN DRUCKWASSERREAKTOR
US2012025109 A1 20120202	EP20090004867 20090402; WO2010EP01874 20100325	G21K5/04	ABHARI REZA [CH]; GIOVANNINI ANDREA [CH]; ROLLINGER BOD [CH]; BLEINER DAVIDE [CH]	EXTREME ULTRAVIOLET LIGHT SOURCE WITH A DEBRIS-MITIGATED AND COOLED COLLECTOR OPTICS
KR20120039704 A 20120425	EP20090008856 20090707	G21C21/02; B65G47/28	ADVANCED NUCLEAR FUELS GMBH [DE]	ISOLATING PLANT AND ASSOCIATED ISOLATING METHOD
AT545136T T 20120215	EP20090012566 20091005	G21F9/00; B08B3/12; B08B7/04; B23K26/00; B24C1/00; B24C9/00; B24C11/00	LINDE AG [DE]	VERFAHREN ZUM AUFFANGEN VON MATERIAL BEI TROCKENEISSTRAHLEN
US2012057676 A1 20120308	EP20090160672 20090519; WO2010IB52168 20100517	G21K1/06	KONINKL PHILIPS ELECTRONICS NV [NL]	GRATING FOR PHASE-CONTRAST IMAGING
US2012057677 A1 20120308	EP20090162787 20090616; WO2010IB52555	G21K1/06; B29D11/00; G02B5/18	KONINKL PHILIPS ELECTRONICS NV [NL]	TILTED GRATINGS AND METHOD FOR PRODUCTION OF TILTED GRATINGS

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	20100609			
ES2378521T T3 20120413	EP20090169625 20090907	A61B6/10; A61N5/10; G21F3/00	HIBRAND ANSTALT [LI]; HIBRAND ESTABLISHMENT [LI]	Protector dental
AT545935T T 20120315	EP20090178329 20091208	G21K1/02	BAM BUNDESANSTALT MATFORSCHUNG [DE]	ASYMMETRISCHE SCHLITZBLENDE SOWIE VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DERSELBEN
EP2421006 A1 20120222	EP20100008708 20100820; EP20100186576 20101005	G21G1/12	UNIV MUENCHEN L MAXIMILIANS [DE]; LAUE MAX INST [FR]	Method for producing isotopes, in particular method for producing radioisotopes by means of gamma-beam irradiation
WO2012000694 A1 20120105	EP20100167569 20100628	G01N23/04; A61B6/00; G21K1/02	SCHERRER INST PAUL [CH]; DAVID CHRISTIAN [DE]; STAMPANONI MARCO [CH]	A METHOD FOR X-RAY PHASE CONTRAST AND DARK-FIELD IMAGING USING AN ARRANGEMENT OF GRATINGS IN PLANAR GEOMETRY
WO2012007881 A2 20120119	EP20100169443 20100713	G21K1/10; H01J35/00; H05G1/02	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; BEHLING ROLF KARL OTTO [DE]	X-RAY TUBE ARRANGEMENT WITH TOROIDAL ROTATABLE FILTER ARRANGEMENT AND COMPUTED TOMOGRAPHY DEVICE COMPRISING SAME
EP2407803 A1 20120118	EP20100169743 20100715	G01S17/87; G01S17/88; G06K9/00; G21C17/06	EURATOM [BE]	Method for safely identifying moving objects
EP2418653 A1 20120215	EP20100172393 20100810	G21F1/12; E04B1/92; G21F7/00	FORSTER JAN [DE]	Multi-layer radiation protection component

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WO2012032435 A1 20120315	EP20100175358 20100906	G21K1/02	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; ENGEL KLAUS JUERGEN [DE]; VOGTMEIER GEREON [DE]	X-RAY IMAGING WITH PIXELATED DETECTOR
EP2439748 A1 20120411	EP20100186454 20101004	G21K1/00	CELLTOOL GMBH [DE]	Method of manipulating a biological object and optical manipulator
WO2012052900 A1 20120426	EP20100187975 20101019	G01N23/04; A61B6/06; G01N23/20; G21K1/06	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; ROESSL EWALD [DE]	DIFFERENTIAL PHASE-CONTRAST IMAGING
WO2012052881 A1 20120426	EP20100187976 20101019	G01N23/04; A61B6/06; G01N23/20; G21K1/06	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; ROESSL EWALD [DE]	DIFFERENTIAL PHASE-CONTRAST IMAGING
WO2012063169 A1 20120518	EP20100190351 20101108	A61B6/06; G01N23/04; G21K1/06	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; VOGTMEIER GEREON [DE]	GRATING FOR PHASE CONTRAST IMAGING
EP2466591 A1 20120620	EP20100195756 20101217	G21C19/32	EURATOM [BE]	Remotely controlled handling device for operating in storage cells
EP2405443 A1 20120111	EP20100305752 20100706	G21C3/33; G21C5/06	AREVA NP [FR]	BWR nuclear fuel assembly with snap-in sleeve spring
AT540409T T 20120115	ES20060001212 20060511; WO2007ES00278 20070511	G21B1/00; G21B3/00	ALSET TECHNOLOGY LLC [US]	GESTEUERTES KERNFUSIONSVERFAHREN
ES2377370 A1 20120327	ES20110032106 20111226	G21B1/03; G21B1/11	UNIV MADRID POLITECNICA [ES]	REACTOR NUCLEAR DE FUSION.
AT553482T T 20120415	FI20050000358U 20051102; WO2006FI00350 20061101	G21F3/00; A61B6/10	AHONEN PAEIVI [FI]; RAESAENEN OUTI [FI]	STRAHLUNGSSCHIRM

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JP2012058258 A 20120322	FR19970001621 19970212	G21C3/326; B21B21/00; B21B25/00; G21C7/20; G21C21/00	CEZUS CO EUROP ZIRCONIUM	METHOD FOR MANUFACTURING GUIDE TUBE OF NUCLEAR REACTOR FUEL ASSEMBLY, MANDREL FOR FORMING GUIDE TUBE AND GUIDE TUBE OBTAINED
ES2376663T T3 20120315	FR20020008206 20020701; WO2003FR01992 20030627	B04B1/02; G21C19/46; B01D11/04; B04B1/00; B04B11/02; B04B11/06; G21F9/06	COMMISSARIAT ENERGIE ATOMIQUE [FR]	EXTRACTOR CENTRIFUGO ANULAR CON ROTOR DE AGITACION.
SI1585140T T1 20120330	FR20040003791 20040409	G21C7/36; G21C17/10	AREVA NP [FR]	Method and installation for monitoring the core of a nuclear reactor
TWI360820B B 20120321	FR20040008637 20040804	G21C3/06	FRAMATOME ANP [FR]	A method of manufacturing a fuel cladding tube for
AT544159T T 20120215	FR20050000657 20050121; WO2006FR00133 20060120	G21K1/06	COMMISSARIAT ENERGIE ATOMIQUE [FR]	RÖNTGEN- ODER NEUTRONEN-MONOCROMATISIERER
PL1949385T T3 20120131	FR20050011724 20051118	G21C15/22; B01F3/08; B01F5/06; F15D1/02; G21C13/032; G21D1/02		NUCLEAR REACTOR PRIMARY CIRCUIT
ES2371558T T3 20120105	FR20050052136 20050711	B01D53/04; B01D53/30; G21F9/02	MAINTENANCE SECURITE INSTALLATION SERVICE [FR]	PROCEDIMIENTO DE CONTROL DE LA TASA DE ESCAPE DE LOS FILTROS DE CARBON ACTIVO.
AT541359T T 20120115	FR20050053472 20051115	H03K5/15; G21B1/11; H01S3/23; H03K5/13	COMMISSARIAT ENERGIE ATOMIQUE [FR]	ANORDNUNG ZUM GENERIEREN VON SYNKRONISIERSIGNALEN MIT SEHR NIEDRIGEM JITTER

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AT552594T T 20120415	FR20060011036 20061218; WO2007FR01883 20071116	G21C5/06; G21C3/326; G21C7/117	AREVA NP [FR]	FESTCLUSTER MIT SPINNENFÖRMIGEM HALTER, DAZUGEHÖRIGER KERN EINES DRUCKWASSER-KERNREAKTORS UND SYSTEM MIT EINER ANORDNUNG AUS KERNBRENNSTOFF UND EINEM SOLCHEN FESTCLUSTER
AT541650T T 20120215	FR20060050650 20060224; WO2007EP51773 20070223	B08B3/10; B01D11/02; B08B3/12; B08B7/00; G21F9/12	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AREVA NC [FR]	VERFAHREN ZUM DEKONTAMINIEREN EINES ORGANISCHEN FESTEN SUBSTRATS
AT556413T T 20120515	FR20060054464 20061024; US20070887700P 20070201; WO2007EP61369 20071023	G21C19/38; G21C19/48	COMMISSARIAT ENERGIE ATOMIQUE [FR]	VERFAHREN ZUM VERARBEITEN VON SILIZIUMKARBID ENTHALTENDEN KERNBRENNSTOFFEN UND ZUM ENTMANTELN VON KERNBRENNSTOFFPARTIKELN
PT2144565E E 20120208	FR20070003316 20070509	A61B6/10; G21F3/00	LEMER PROT ANTI X PAR ABREVIATION SOC LEMER PAX [FR]	STERILE COVER FOR A SCREEN MADE OF RADIOPROTECTIVE MATERIAL
AT541514T T 20120215	FR20070007832 20071108; WO2008EP64963 20081104	A61B6/02; G06T5/50; G06T11/00; G21K1/10	BEYRARD NORBERT [FR]	VERFAHREN UND VORRICHTUNG ZUR RÖNTGEN- ODER INFRAROT-BILDGEBUNG MITHILFE PARALLEL REFLEKTIERTER STRAHLEN MIT ABZUG DER DIREKTEN STRAHLEN

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AT547445T T 20120315	FR20070052696 20070116; WO2008FR50062 20080114	C08F255/02; C02F1/26; C08F8/30; C08F226/06; G21F9/12	COMMISSARIAT ENERGIE ATOMIQUE [FR]	MATERIAL MIT POLYAZACYCLOALKANEN, DIE AUF POLYPROPYLENFASERN AUFGESETZT SIND, VERFAHREN ZUR HERSTELLUNG DAVON UND VERFAHREN ZUR ENTFERNUNG VON METALLKATIONEN AUS EINER FLÜSSIGKEIT
AT546823T T 20120315	FR20070056227 20070702; WO2008FR00946 20080702	H01J35/10; G01B15/00; G01N23/00; G21K1/00; H01J35/02; H01J35/14; H01J37/00; H05G1/02	XENOCS [FR]	SYSTEM ZUR VERABREICHUNG EINES HOCHENERGETISCHEN RÖNTGENSTRAHLS
AT548737T T 20120315	FR20080003541 20080625; WO2009FR00760 20090624	G21F9/06; G21F9/28; G21F9/30	COMMISSARIAT ENERGIE ATOMIQUE [FR]	VERFAHREN ZUR BEHANDLUNG EINER STRUKTUR MIT NATRIUM UND EINER RADIOAKTIVEN SUBSTANZ
AT542743T T 20120215	FR20080003580 20080626; WO2009FR00755 20090623	B65B3/00; G21F9/00; G21F9/36	COMMISSARIAT ENERGIE ATOMIQUE [FR]	SYSTEM ZUR INJEKTION VON MÖRTEL IN EINEN BEHÄLTER
AT540410T T 20120115	FR20080004273 20080728; WO2009FR00913 20090723	G21C19/34; G21F9/30	COMMISSARIAT ENERGIE ATOMIQUE [FR]	VERFAHREN ZUR ENTFERNUNG DES VERKAPSELUNGSPOLYMERS EINER KERNBRENNSTOFFTABLETTE
AT545135T T 20120215	FR20080054839 20080716; WO2009FR51355 20090708	G21C1/03; G21C1/02; G21C9/00; G21C13/02	AREVA NP [FR]	SCHNELLER BRÜTREAKTOR

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BE1019042 A3 20120207	FR20080055096 20080724	G21D5/00; G01H13/00; G21C3/38	COMMISSARIAT ENERGIE ATOMIQUE [FR]	CAPTEUR ACOUSTIQUE POUR LA MESURE D'UN GAZ DANS UNE ENCEINTE, ET ENSEMBLE COMPORTANT UNE ENCEINTE ET UN TEL CAPTEUR.
CN102317764 A 20120111	FR20080059075 20081224; WO2009FR52678 20091223	G01N25/72; G21C17/06	AREVA NP [FR]	Method for the non-destructive and contactless characterisation of a substantially spherical multilayered structure, and related device
KR20120039028 A 20120424	FR20090003526 20090717	G21F7/02	COMMISSARIAT ENERGIE ATOMIQUE [FR]	DEVICE FOR OBSERVING THE INSIDE OF A HOT CELL, HOT CELL PROVIDED WITH SAID DEVICE, AND METHOD FOR MAINTAINING SAID DEVICE
CN102348923 A 20120208	FR20090050177 20090114; WO2010FR50010 20100106	F16L55/115; F22B37/22; G21C13/067	AREVA NP [FR]	Sealed stopper for an opening in a junction tubing between a housing and a pipe, and method for implementing said stopper
EP2406792 A1 20120118	FR20090051517 20090311; WO2010FR50174 20100204; US20090437195 20090507	G21F9/30; B01D53/04; B01D53/14; B01D53/78; B01D59/00; B01D59/26; G21F9/32	ELECTRICITE DE FRANCE [FR]	TREATMENT OF CARBON-CONTAINING RADIOACTIVE WASTE
US2012022311 A1 20120126	FR20090052040 20090331; WO2010FR50532 20100324	G21F9/16; G21F9/30	ONECTRA [FR]	PROCESS FOR PACKAGING RADIOACTIVE WASTES IN THE FORM OF SYNTHETIC ROCK
RU2010130270 A 20120127	FR20090054986 20090717; FR20090055428 20090731	G21F9/16	SOLETANSH FREJSINE [FR]	METHOD TO IMMOBILISE NUCLEAR WASTE

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AU2010272476 A1 20120202	FR20090054989 20090717; WO2010EP60245 20100715	C22B59/00; C22B60/02; G21C19/44	COMMISSARIAT ENERGIE ATOMIQUE [FR]	Method for extracting at least one chemical element from a molten salt medium
EP2459760 A1 20120606	FR20090055240 20090727; WO2010EP60806 20100726	C22B3/26; C22B3/40; C22B59/00; C22B60/00; C22B60/02; G21C19/46; G21F9/04	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AREVA NC [FR]	INCREASE IN THE SEPARATION FACTOR BETWEEN AMERICIUM AND CURIUM AND/OR BETWEEN LANTHANIDES IN A LIQUID-LIQUID EXTRACTION PROCESS
EP2460000 A1 20120606	FR20090055341 20090730; WO2010EP60935 20100728	G01N27/82; G01N27/90; G21C17/017	COMMISSARIAT ENERGIE ATOMIQUE [FR]; INST RADIOPROT ET DE SURETE NUCLEAIRE [FR]	DEVICE FOR DETECTING AT LEAST ONE DEFECT IN A CONCAVE OR CONVEX STRUCTURE
EP2459633 A1 20120606	FR20090055389 20090731; WO2010EP61052 20100729	C08K3/22; G21F1/10	AREVA NC [FR]; PIERCAN [FR]	RADIATION-ATTENUATING ELASTOMER MATERIAL, MULTI-LAYER GLOVE FOR PROTECTION AGAINST IONISING RADIATION AND USES THEREOF
EP2462592 A1 20120613	FR20090055529 20090806; FR20090055530 20090806; WO2010FR51538 20100721	G21C5/02; G21C5/18	AREVA NP [FR]	METHOD OF OPERATING A PRESSURIZED-WATER NUCLEAR REACTOR FOR REACHING A PLUTONIUM EQUILIBRIUM CYCLE
KR20120070583 A 20120629	FR20090056354 20090916	G21C17/112; G21C19/105	AREVA NP [FR]	DEVICE FOR ASSISTING IN THE UNDERWATER EXTRACTION OR INSERTION OF AN ELONGATE ELEMENT DISPOSED IN A PIPE, AND METHOD FOR ASSISTING IN THE EXTRACTION OR INSERTION OF ONE SUCH ELEMENT

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US2012007004 A1 20120112	FR20090057930 20091110	G21F5/015; B23P11/00	TN INT [FR]	CANISTER FOR TRANSPORTING AND/OR STORING RADIOACTIVE MATERIALS COMPRISING RADIALLY STACKED RADIOLOGICAL PROTECTION COMPONENTS
FR2963090 A1 20120127	FR20100003044 20100720	F25B49/02; F25B9/00; G06F17/10; G21B1/11	COMMISSARIAT ENERGIE ATOMIQUE [FR]	PROCEDE D'ESTIMATION DE LA CHARGE THERMIQUE IMPOSEE A UN REFRIGERATEUR CRYOGENIQUE, PRODUIT PROGRAMME ASSOCIE ET PROCEDE DE REGULATION DU REFRIGERATEUR
FR2963845 A1 20120217	FR20100003352 20100812	G21C19/105	COSTES DIDIER [FR]	Sodium-cooled nuclear reactor, has vertical combustible elements provided with hexagonal sections, and cylindrical body carrying vertical tube that is projectable radially under slab, where grappeler of tube seizes top of elements
FR2964456 A1 20120309	FR20100003573 20100908	G01M3/18; G21C17/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]	DISPOSITIF DE DETECTION DE FUITE ET RETEVEMENT D'ORGANE DE TRANSPORT OU DE STOCKAGE DE FLUIDE COMPORTANT CE DISPOSITIF DE DETECTION
FR2967424 A1 20120518	FR20100004421 20101115	D03D15/02; A41D13/00; A41D13/008; G21F3/02; H01Q17/00; H05K9/00	BENOIT ALEXIS [FR]	PROTECTION EN TISSU MULTIPLES EPAISSEURS POUR L'ATTENUATION ET L'ELIMINATION DE L'IRRADIATION DES CHAMPS ELECTROMAGNETIQUES, NOTAMMENT POUR LES (TRES) HAUTES FREQUENCES (1MHZ A 100 GHZ)

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FR2969806 A1 20120629	FR20100005014 20101222	G21F7/06; H01R13/629; H01R43/26	SOURIAU [FR]	Extension cable for remote manipulation of plug of electrical equipment in e.g. nuclear industry, has two elastic arms provided at one of ends of cylindrical body for locking cylindrical body into sliding sleeve
US2012002775 A1 20120105	FR20100053860 20100519	G21C17/017	AREVA NP [FR]	ASSEMBLY AND METHOD FOR DETECTING AND MEASURING THE FOULING RATE OF FLOW HOLES IN A SECONDARY CIRCUIT OF A PRESSURIZED WATER NUCLEAR REACTOR
US2012002774 A1 20120105	FR20100054453 20100607	G21G1/10	COMMISSARIAT ENERGIE ATOMIQUE [FR]	METHOD FOR DETERMINING INTENSITY OF GAMMA RADIATION EMISSION OF A RADIOELEMENT
FR2962249 A1 20120106	FR20100055427 20100705	G21C13/02	DCNS [FR]	Cover structure for receiving liquid product in civil engineering compartment of nuclear thermal power station, has tack welded lattice beams that are in shape of cage with external face comprising suspension unit deforming beams
FR2963473 A1 20120203	FR20100056132 20100727	G21C17/08; G21C3/32	AREVA NP [FR]	PROCEDE DE CONTROLE DES POSITIONS DES ASSEMBLAGES DE COMBUSTIBLES NUCLEAIRES A L'INTERIEUR D'UN COEUR DE REACTEUR NUCLEAIRE, ET ENSEMBLE DE CONTROLE CORRESPONDANT

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WO2012013634 A1 20120202	FR20100056138 20100727	B24B5/22; B24B5/313; B24B5/35; B24B41/00; G21C19/00	AREVA NC [FR]; FANTINI SERGE [FR]; MEDINA HERVE [FR]	DEVICE FOR INSERTING, GUIDING, AND REMOVING CYLINDRICAL PARTS, SUCH AS NUCLEAR FUEL PELLETS, IN A CENTERLESS GRINDER
WO2012020207 A1 20120216	FR20100056596 20100813	G21F9/18; C09K3/32	DEGUITRE DOMINIQUE [FR]; DEGUITRE GERALD [FR]; DEGUITRE JOANES [FR]; LEMAY PAUL B [CA]	PROCESS AND DEVICE FOR TREATING OILS, GREASES, SOLVENTS OR OILY SLUDGE OR WATER CONTAMINATED WITH RADIONUCLIDES
WO2012025589 A1 20120301	FR20100056754 20100825	G21C9/02	COMMISSARIAT ENERGIE ATOMIQUE [FR]; JOURNEAU CHRISTOPHE [FR]	DEVICE FOR MITIGATING SERIOUS ACCIDENTS FOR A NUCLEAR FUEL ASSEMBLY, WITH IMPROVED EFFECTIVENESS
FR2964091 A1 20120302	FR20100056786 20100826	B66C1/62; B65D88/26; B66C17/12; G21F5/14	AREVA NC [FR]	DISPOSITIF DE MANUTENTION DE FUTS, INSTALLATION DE TRANSFERT DE MATERIAU EN POUDRE ET PROCEDE DE TRANSFERT
FR2964238 A1 20120302	FR20100056868 20100830	G21C21/00; B23K9/028; G21C1/09	CEGELEC [FR]	Replacing old heating rod by new heating rod on pressurizer nuclear reactor, by welding sleeve extending from sleeve passage of nuclear reactor on connection zone integral with heating rod, and welding extension sleeve on sleeve passage
FR2964239 A1 20120302	FR20100056870 20100830	G21F5/14	DAHER NCS [FR]	Container for transporting dangerous or radioactive materials, has gripping units projected with respect to external surface of container, where gripping units include male bodies engaged with female bodies intended to be returned back

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FR2964493 A1 20120309	FR20100057086 20100907	G21C19/46	SOLETANCHE FREYSSINET [FR]	PROCEDE DE TRAITEMENT D'UNE SOLUTION RADIOACTIVE
FR2964781 A1 20120316	FR20100057356 20100915	G21C19/02; G21C19/10; G21C19/18	AREVA NP [FR]	DISPOSITIF DE MANUTENTION A SEC D'ASSEMBLAGES DE COMBUSTIBLE NUCLEAIRE
CN102444426 A 20120509	FR20100057947 20100930	F01D1/02; F01D3/04; F01D9/02; G21D3/18	ALSTOM TECHNOLOGY LTD [CH]	Method of modifying a steam turbine
FR2965655 A1 20120406	FR20100058016 20101004	G21C1/02; G21C1/32; G21C15/18; G21C15/247; G21C17/112	COMMISSARIAT ENERGIE ATOMIQUE [FR]	PERFECTIONNEMENT A UN REACTEUR NUCLEAIRE SFR DE TYPE INTEGRE
FR2965492 A1 20120406	FR20100058047 20101005	B08B9/051; F27B9/30; G21C3/62; G21C21/00	AREVA NC [FR]	Device for automatically cleaning rectilinear duct that forms tunnel of nuclear fuel pellets sintering furnace, has attachment unit to allow tractor module to move suction module, and display unit displaying interior of duct
WO2012045740 A1 20120412	FR20100058149 20101007	G21C3/07; G21C3/60	COMMISSARIAT ENERGIE ATOMIQUE [FR]; MAZAUDIER FABRICE [FR]	METAL NUCLEAR-FUEL PIN INCLUDING A SHELL HAVING THREADS OR FIBERS MADE OF SILICON CARBIDE (SiC)
WO2012049432 A2 20120419	FR20100058384 20101014	G21C19/20; G21C13/02; G21C19/02; G21C19/06; G21C19/19	AREVA NP [FR]; CAHOUE LAURENT [FR]; BUCHOT FREDERIC [FR]	DEVICE FOR MOMENTARY SUPPORT OF THE UPPER INTERNAL PARTS ON A VESSEL OF A PRESSURISED WATER REACTOR

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WO2012052213 A1 20120426	FR20100058641 20101022	G21C19/18; G21C19/19; G21C19/20	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DECHELETTE FRANCK [FR]; SANSEIGNE EMMANUEL [FR]; MORCILLO AURELIEN [FR]	DEVICE AND METHOD FOR REPLACING AN IRRADIATED FUEL ASSEMBLY WITH A NEW FUEL ASSEMBLY IN THE VESSEL OF A NUCLEAR REACTOR, AND NUCLEAR REACTOR INCLUDING SUCH A DEVICE
WO2012056013 A1 20120503	FR20100058948 20101029	G21C3/10; B23K9/028; B23K37/053; B23Q1/26; G21C21/00	AREVA NC [FR]; FISCHER MARC [FR]; BOYER JEAN-MARC [FR]	DEVICE FOR AXIALLY RETAINING AN ELEMENT OF ELONGATE SHAPE AND FOR SETTING IT IN ROTATION ABOUT ITS AXIS
FR2966716 A1 20120504	FR20100058961 20101029	A61B6/00; G21K1/02	GEN ELECTRIC [US]	METHODE D'ESTIMATION ET DE CORRECTION DE LA DIFFUSION EN MAMMOGRAPHIE.
WO2012059421 A1 20120510	FR20100058989 20101102	B23K26/38; B23K26/06; B23K26/14; G21D1/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]; INST RADIOPROT ET DE SURETE NUCLEAIRE [FR]; CHAGNOT CHRISTOPHE [FR]; CANNEAU GAETAN [FR]; PILOT GUY [FR]; FAUVEL SYLVAIN [FR]	LASER CUTTING METHOD OPTIMIZED IN TERMS OF MASS DEFECT PER UNIT LENGTH
WO2012059420 A1 20120510	FR20100058993 20101102	B23K26/38; B23K26/06; B23K26/14; G21D1/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]; INST RADIOPROT ET DE SURETE NUCLEAIRE [FR]; CHAGNOT CHRISTOPHE [FR]; CANNEAU GAETAN [FR]; PILOT GUY [FR]; FAUVEL SYLVAIN [FR]	LASER CUTTING METHOD OPTIMIZED IN TERMS OF THE AMOUNT OF AEROSOLS
WO2012059682 A2 20120510	FR20100059107 20101104	G21C1/09; G21C13/02; G21C19/16; G21C19/28; G21D1/02	ELECTRICITE DE FRANCE [FR]; LEGENDRE CHRISTOPHE [FR]	METHOD FOR FILLING WATER INTO A MAIN CIRCUIT OF A NUCLEAR REACTOR, AND CONNECTION DEVICE FOR IMPLEMENTING SAID METHOD

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FR2967523 A1 20120518	FR20100059416 20101116	G21F9/32; B01D53/64	PE RL [FR]	PROCEDE DE DESORPTION THERMIQUE DE RADIONUCLEIDES ET/OU DE METAUX LOURDS FIXES DANS UN SUPPORT LIGNOCELLULOSIQUE, DISPOSITIF ADAPTE
WO2012069573 A1 20120531	FR20100059749 20101125	C22B3/00; C22B60/02; G21C19/46; G21F9/12	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AREVA NC [FR]; HERES XAVIER [FR]; BURDET FABIEN [FR]; BORRINI JULIEN [FR]; DUCHESNE MARIE-THERESE [FR]; MAZZANTI MARINELLA [FR]; BERNIER GILLES [FR]; PELLET-ROSTAING STEPHANE [FR]; FAVRE-REGUILLON ALAIN [FR]; LEMAIRE MA	PROCESS FOR SEPARATING AMERICIUM FROM OTHER METALLIC ELEMENTS PRESENT IN AN ACIDIC AQUEOUS OR ORGANIC PHASE AND APPLICATIONS THEREOF
DE102011055691 A1 20120531	FR20100059786 20101126	A61B6/00; A61B6/04; G21K1/06; H01J35/32; H05G1/02; H05G2/00	GEN ELECTRIC [US]	Kompakter Mammograph und zugehöriges Mammographieverfahren
FR2968118 A1 20120601	FR20100059891 20101130	G21C13/073	ENDEL [FR]	Closure and protection device i.e. Chinese hat, for tank of nuclear reactor in nuclear power plant, has access unit providing access to interior of tank of nuclear reactor, and protective cover that is attached to frame in removable manner

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WO2012072700 A2 20120607	FR20100060027 20101202	C03C3/064; C03C3/093; C03C14/00; G21F9/30	COMMISSARIAT ENERGIE ATOMIQUE [FR]; MASSONI NICOLAS [FR]; ACHAHBOUNI ABDELHALIM [FR]	METHOD FOR PREPARING A GLASS/SILICON- CARBIDE COMPOSITE MATERIAL
FR2968448 A1 20120608	FR20100060068 20101203	G21C17/00; G01K17/00; G01K19/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]	Movable calorimetric cell for use in differential calorimeter to measure overheating of graphite sample or core of nuclear reactor, has calculating unit determining overheating in core from difference between temperature differences
US2012140891 A1 20120607	FR20100060121 20101206	G01T1/36; G21K1/06	COMMISSARIAT ENERGIE ATOMIQUE [FR]	Method for extracting a primary diffusion spectrum
WO2012076368 A1 20120614	FR20100060233 20101208	B05B1/26; B01J2/02; B01J19/10; B05B1/36; B05B7/00; B05B15/02; B05B15/12; B05B17/06; B22F9/02; B22F9/08; C01G43/025; G21C3/62	COMMISSARIAT ENERGIE ATOMIQUE [FR]; BROTHIER MERYL [FR]; MOULINIER DOMINIQUE [FR]	METHOD AND DEVICE FOR GENERATING DROPLETS OVER A VARIABLE SPECTRUM OF PARTICLE SIZES
FR2968822 A1 20120615	FR20100060245 20101208	G21F5/14	DAHER NCS [FR]	Container for transporting and storing of e.g. radioactive wastes, has side walls and retractable handles that are arranged in raised or retracted position, and protective housings for receiving handles in retracted position

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FR2968821 A1 20120615	FR20100060246 20101208	G21F5/06	DAHER NCS [FR]	Metal parallelepiped container for transporting and storing radioactive waste, has retractable removable stands fixed with container at level of side walls from external surface of walls arranged opposite to external environment
FR2969362 A1 20120622	FR20100060952 20101221	G21F5/10	TN INT [FR]	DISPOSITIF DE STOCKAGE LONGUE DUREE INTEGRANT UN ETUI DE STOCKAGE VENTILE DESTINE A RECEVOIR UN ETUI DE CONFINEMENT CONTENANT DES MATIERES RADIOACTIVES
WO2012085004 A1 20120628	FR20100060977 20101221	C09K11/06; G21K4/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]; HAMEL MATTHIEU [FR]; DARBON STEPHANE [FR]; NORMAND STEPHANE [FR]; TURK GREGORY [FR]	SOLID ORGANIC SCINTILLATOR DOPED BY ONE OR MORE CHEMICAL ELEMENTS
FR2962843 A1 20120120	FR20100061279 20101227; FR20110055533 20110623; JP20090298093 20091228	G21C3/328; G21C7/02; G21C19/44	HITACHI GE NUCLEAR ENERGY LTD [JP]	COEUR DE REACTEUR A EAU LEGERE ET ASSEMBLAGE COMBUSTIBLE.
FR2969661 A1 20120629	FR20100061319 20101228	C22C43/00; C22C1/00; C22C38/12; G21C3/60	COMMISSARIAT ENERGIE ATOMIQUE [FR]; UNIV RENNES [FR]; CENTRE NAT RECH SCIENT [FR]	POUDRE D'UN ALLIAGE A BASE D'URANIUM ET DE MOLYBDENE UTILE POUR LA FABRICATION DE COMBUSTIBLES NUCLEAIRES
FR2969660 A1 20120629	FR20100061320 20101228	C22C1/00; C22C38/12; C22C43/00; G21C3/60	COMMISSARIAT ENERGIE ATOMIQUE [FR]; UNIV RENNES [FR]; CENTRE NAT RECH SCIENT [FR]	PROCEDE DE PREPARATION D'UNE POUDRE D'UN ALLIAGE A BASE D'URANIUM ET DE MOLYBDENE

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IL170863 A 20120131	GB20030008407 20030411; WO2004GB01548 20040408	A61K51/08; A61K51/12; B01D59/30; C22B58/00; C22B59/00; G21H5/02	GE HEALTHCARE LTD [GB]	METHOD OF OBTAINING GALLIUM-68 AND USE THEREOF AND DEVICE FOR CARRYING OUT SAID METHOD
AT553483T T 20120415	GB20050013465 20050701; WO2006GB02451 20060630	G21K1/02	ELEKTA AB [SE]	HERSTELLUNG VON MEHRBLATT-KOLLIMATOREN
AT549038T T 20120315	GB20060012333 20060621; US20060832190P 20060720; WO2007GB02302 20070621	A61K51/00; A61K51/12; G21F5/10	GE HEALTHCARE LTD [GB]	RADIOPHARMAZEUTISCHE PRODUKTE
US2012025111 A1 20120202	GB20090005312 20090327; WO2010GB00532 20100324	G21F1/10; B05D3/02; B32B37/00; G02B1/10; G02B5/22	BRYANT RICHARD [GB]; HUSSAIN SHAHID [GB]; VAUGHAN ADRIAN ST [GB]; FIXTER GREG PW [GB]	ELECTROMAGNETIC FIELD ABSORBING COMPOSITION
US2012097862 A1 20120426	GB20090007338 20090428; WO2010GB50697 20100428	A61L2/10; G21K5/00	SNOWBALL MALCOLM ROBERT [GB]	UV LIQUID STERILISER
AU2010311373 A1 20120517	GB20090019067 20091030; WO2010EP66469 20101029	G21C3/60; G21C3/62	SCK CEN; UNIV GENT	Coated nuclear reactor fuel particles
WO2012018752 A1 20120209	GB20100013142 20100804	G21G1/00	MALLINCKRODT LLC [US]; BARBOSA LUIS A M M [NL]	PURIFICATION PROCESS
DE102011053378 A1 20120510	GB20100014942 20100908	B29C35/08; G21K5/00	GURIT UK LTD [GB]	Vorrichtung und Verfahren zum Aushärten von Harz

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GB2484315 A 20120411	GB20100016806 20101006	G21K1/02; G01T1/20; G01T3/06	UNIV LANCASTER [GB]	Detecting and imaging neutrons and gamma rays in mixed radiation fields
WO2012048077 A1 20120412	GB20100016935 20101007	G21G1/08; G21G1/00	MALLINCKRODT LLC [US]; BARBOSA LUIS A M M [NL]	PROCESS FOR EXTRACTING CS-137 FROM AN ACIDIC SOLUTION
GB2484028 A 20120328	GB20110021875 20111220	G21H1/06; G21H1/00; G21H1/02; G21H1/04	HAW MARVIN TAN XING [GB]	Power-Scalable Betavoltaic Battery
HRP20100596 A2 20120531	HRP20100596 20101105	G21C3/00; G21C3/12	JEDINSTVO PNO D O O [HR]	UPPER NOZZLE LEG AND LEAF SPRING ASSEMBLY OF THE NUCLEAR REACTOR FUEL ASSEMBLY
WO2012010917 A1 20120126	HU20100000378 20100719	G21F9/16; C03C1/00; G21F9/30	G I C IPARI SZOLGALTATO ES KERESKEDELMI KFT [HU]; SCHREMMER ISTVAN [HU]; KOVACS BERNADETT IVETT [HU]; SZITKAI ZSOLT [HU]	ADDITIVE-CONTAINING ALUMINOBOROSILICATE AND PROCESS FOR PRODUCING THE SAME
WO2012049537 A1 20120419	IN2010CH03045 20101014	G21C17/013; G01T1/00; G01T3/00; G01T7/00; G21C17/00	INDIAN INST SCIENT [IN]; GHOSE DEBASISH [IN]; THOMAS JOSEPH [IN]; KRISHNANAND KAIPA N [IN]	DETECTION OF NUCLEAR SPILLS USING SWARM OPTIMIZATION ALGORITHMS
WO2012063224 A1 20120518	IN2010DE02703 20101111	G21K1/00	SYENERGY ENVIRONICS LTD [IN]; PODDAR AJAY [IN]	ANTI-RADIATION CHIP AND ANTI- RADIATION STRIP FOR REDUCTION OF RADIATIONS ON HUMAN BODY
EP2455946 A1 20120523	IT2010BO00689 20101118	G21F5/015; A61N5/00; G21G4/06; G21G4/08	COMECER S P A [IT]	Method and plant for filling a bottle with a radioactive fluid-base mixture
EP2442314 A1 20120418	IT2010MI01903 20101018	G21C19/18; G21C19/19; G21C19/20	ANSALDO NUCLEARE S P A [IT]	Auxiliary system for assisting a movement system of fuel elements of a nuclear reactor

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WO2012062903 A1 20120518	IT2010MI02105 20101112	G21F9/00; C03C1/00; G21F9/28; G21F9/30	ECIR ECO INIZIATIVA E REALIZZAZIONI S R L [IT]; COSTA PIER PAOLO [IT]; COSTA LORENZO [IT]	METHOD FOR THE CONDITIONING OF WASTE COMING FROM DECOMMISSIONING OF NUCLEAR PLANTS
WO2012049700 A1 20120419	IT2010RM00545 20101014	G21K1/04; A61N5/10; G21K5/04	SORDINA S P A [IT]; FELICI GUISEPPE [IT]; CICCOTELLI ALESSIA [IT]; IACOBONI VICENZO [IT]; DE ANGELIS FABIO [IT]; MANGIARACINA NICOLA [IT]; GAVA AQUINO [IT]	DEVICE FOR SHAPING AN ELECTRON BEAM OF A MACHINE FOR INTRAOPERATIVE RADIATION THERAPY
US2012140498 A1 20120607	IT2010TO00886 20101105	B64D47/02; G21K5/04	SIRIO PANEL S P A	LED LIGHTING DEVICE OF AN AIRCRAFT, IN PARTICULAR FOR MANEUVERS OF LANDING, TAKE-OFF, TAXIING, AND SEARCHING, AND AIRCRAFT COMPRISING SAID DEVICE
EP2434522 A1 20120328	JP20020207292 20020716; EP20030254334 20030708; JP20030022088 20030130	H01J37/317; B82Y10/00; G21K1/08; H01J3/14; H01J37/12	CANON KK [JP]; HITACHI LTD [JP]	Multi-charged beam lens, charged-particle beam exposure apparatus using the same, and device manufacturing method
AT545150T T 20120215	JP20030196194 20030714	G21K1/06; H01L21/027; G03F7/20; G21K5/00; G21K5/02; H05G2/00	NIPPON KOGAKU KK [JP]	OPTISCHES KOLLEKTORSYSTEM, LICHTQUEELLEINHEIT, OPTISCHES BELEUCHTUNGSGERÄT UND BELICHTUNGSGERÄT
AT538491T T 20120115	JP20030354561 20031015; JP20030354568 20031015; JP20030354989 20031015; JP20040094633	H01L21/027; G02B5/08; G02B5/26; G02B5/28; G03F7/20; G21K1/06	NIPPON KOGAKU KK [JP]	MEHRSCICHTIGER FILMREFLEXIONSSPIEGEL, HERSTELLUNGSVERFAHREN FÜR EINEN MEHRSCICHTIGEN FILMREFLEXIONSSPIEGEL UND BELICHTUNGSSYSTEM

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	20040329; WO2004JP15284 20041015			
TWI360148B B 20120311	JP20040183112 20040525	H01J37/317; G21K1/14; H01J37/20; H01J37/248; H05H1/24; H05H1/46	PANASONIC CORP [JP]	
TWI360137B B 20120311	JP20050211982 20050721	G21K5/00; B01D49/00	USHIO ELECTRIC INC [JP]	
AT542236T T 20120215	JP20050295856 20051011; WO2006JP19876 20061004	H01L21/027; G02B5/08; G03F7/20; G21K1/06	NIPPON KOGAKU KK [JP]	MEHRSCICHTIGER REFLEKTIERENDER SPIEGEL, VERFAHREN ZUR HERSTELLUNG EINES MEHRSCICHTIGEN REFLEKTIERENDEN SPIEGELS, OPTISCHES SYSTEM, BELICHTUNGSVORRICHTUNG UND VORRICHTUNGSHERSTELLUNGSVERFAHREN
AT550763T T 20120415	JP20060234860 20060831; WO2007JP66791 20070829	G21K1/093; A61N5/01; G21K5/04; G21K5/10	HITACHI LTD [JP]	ROTIERENDES STRAHLUNGSTHERAPIEGERÄT
AT541297T T 20120115	JP20060286159 20061020; WO2007JP70863 20071019	G21G1/02; G21G4/08	JAPAN ATOMIC ENERGY AGENCY [JP]; KAKEN INC [JP]	PROZESS ZUM HERSTELLEN VON RADIOAKTIVEM MOLYBDÄN

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AT551701T T 20120415	JP20060357566 20061228; WO2007JP75132 20071227	G21K1/06; G01N23/207; G01N23/223; G02B5/10; G21K7/00; H01L21/027	JTEC CORP [JP]; UNIV OSAKA [JP]	RÖNTGENSTRAHLENVERDICHTUNGSVERFAHREN UND VORRICHTUNG MIT PHASENWIEDERHERSTELLUNGSVERFAHREN
CN102522129 A 20120627	JP20070048298 20070228; JP20080004937 20080111	G21C17/10	MITSUBISHI HEAVY IND LTD [JP]	Structure for suppressing flow vibration of instrumentation guide tube
US2012148012 A1 20120614	JP20070092862 20070330	G21C7/06	HITACHI GE NUCLEAR ENERGY LTD [JP]	CONTROL ROD
AT550915T T 20120415	JP20070175190 20070703; WO2008JP61905 20080701	H05G2/00; G21K1/00; G21K5/02; H01S3/00	IHI CORP [JP]; UNIV TOKYO [JP]	VORRICHTUNG UND VERFAHREN ZUR ANPASSUNG DER KOLLISIONSZEIT ZWISCHEN ELEKTRONENSTRAHLEN UND LASERLICHT
ES2380478 A1 20120514	JP20080077296 20080325	G01H1/00; G01N29/11; G01N29/46; G21C17/00; G21C17/003	TOSHIBA KK [JP]	SISTEMA Y METODO DE VIGILANCIA DE VIBRACIONES DE UN REACTOR NUCLEAR
DE112009004368T T5 20120524	JP20080324081 20081219; WO2009JP71126 20091218	G21C19/19; G21C7/16; G21C19/20	TOSHIBA KK [JP]	Steuerstab-/Brennstoffträgerverladevorrichtung
JP2012121630 A 20120628	JP20090012306 20090122; JP20090156097 20090630; JP20120015493 20120127	B65B55/08; A61L2/08; B65B55/04; G21K5/04	SUNTORY HOLDINGS LTD [JP]; SHIBUYA KOGYO CO LTD [JP]	APPARATUS AND METHOD FOR STERILIZING VESSEL WITH ELECTRON BEAM
US2012039429 A1 20120216	JP20090027570 20090209; WO2010JP51772	G21C9/00	TOSHIBA KK [JP]	PLANT OPERATION METHOD AND PLANT OPERATION SYSTEM

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	20100208			
US2012033780 A1 20120209	JP20090038136 20090220; WO2010JP52474 20100218	G21C7/08	mitsubishi heavy ind ltd [JP]	AXIAL POWER DISTRIBUTION CONTROL METHOD AND AXIAL POWER DISTRIBUTION CONTROL SUPPORTING DEVICE
US2012033778 A1 20120209	JP20090038137 20090220; WO2010JP52473 20100218	G21C17/00	mitsubishi heavy ind ltd [JP]	AXIAL POWER DISTRIBUTION PREDICTION METHOD AND AXIAL POWER DISTRIBUTION PREDICTION DEVICE
US2012009375 A1 20120112	JP20090067687 20090319; WO2010JP52839 20100224	G21K4/00; B32B3/00	KONICA MINOLTA MED & GRAPHIC [JP]	SCINTILLATOR PANEL
MX2011010310 A 20120120	JP20090082345 20090330; WO2010JP55433 20100326	C23C26/00; G21D1/00	TOSHIBA KK [JP]	CORROSION-RESISTANT MEMBER AND METHOD FOR PRODUCING SAME.
US2012163555 A1 20120628	JP20090090486 20090402; US201213413022 20120306; US20100725544 20100317	G21K1/10	CANON KK [JP]	RADIATION IMAGING APPARATUS
MX2011010405 A 20120120	JP20090090815 20090403; WO2010JP56082 20100402	F04F5/10; F04F5/44; G21C15/25	TOSHIBA KK [JP]	JET PUMP AND METHOD FOR SUPPRESSING THE VIBRATION OF THE JET PUMP.
KR20120006501 A 20120118	JP20090092852 20090407	H01J35/06; G01N23/223; G21K1/00	ADTECH SENSING RES INC [JP]; TAKAI MIKIO [JP]	X-RAY GENERATOR AND COMPOSITE DEVICE USING THE SAME AND X-RAY GENERATING METHOD

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US2012022312 A1 20120126	JP20090093878 20090408; WO2010JP01136 20100222	G21F9/20; B01D61/46	JGC CORP [JP]	METHOD FOR TREATING RADIOACTIVE LIQUID WASTE AND APPARATUS FOR TREATING THE SAME
US2012051485 A1 20120301	JP20090116770 20090513; WO2009JP63263 20090724	G21C9/016; G21C15/02	MITSUBISHI HEAVY IND LTD [JP]	CORIUM COOLING PROMOTING APPARATUS AND CONTAINMENT
KR20120013391 A 20120214	JP20090122495 20090520; WO2010JP03211 20100512	G21C15/18; G21C9/004; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR REACTOR CONTAINMENT STRUCTURE
KR20120012472 A 20120210	JP20090122496 20090520; WO2010JP03171 20100510	G21C15/18; G21C9/004; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR REACTOR CONTAINMENT STRUCTURE
KR20120012480 A 20120210	JP20090122497 20090520; WO2010JP03199 20100511	G21C15/18; G21C9/004	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR REACTOR CONTAINMENT STRUCTURE
KR20120015329 A 20120221	JP20090130724 20090529	G21F9/28; C23C24/00; G21D3/08	TOSHIBA KK [JP]	METHOD AND APPARATUS FOR SUPPRESSING ADHESION OF RADIOACTIVE SUBSTANCE
US2012068074 A1 20120322	JP20090132887 20090602; WO2010JP53977 20100310	G01T1/20; B05D3/02; B05D5/06; B32B37/02; B32B37/14; C23C16/44; G21K4/00	KONICA MINOLTA MED & GRAPHIC [JP]	METHOD OF MANUFACTURING SCINTILLATOR PANEL, SCINTILLATOR PANEL, AND RADIATION IMAGE DETECTOR
US2012085925 A1 20120412	JP20090143075 20090616; WO2010JP03964 20100615	G21K5/08	HITACHI HIGH TECH CORP [JP]	CHARGED PARTICLE RADIATION DEVICE

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EP2442724 A1 20120425	JP20090145511 20090618; WO2010JP60151 20100609	A61B6/03; G01N23/04; G01N23/20; G21K1/06	CANON KK [JP]	X-RAY IMAGING APPARATUS AND X-RAY IMAGING METHOD
US2012119116 A1 20120517	JP20090146253 20090619; JP20100138303 20100617; WO2010JP60376 20100618	G21K5/00	GIGAPHOTON INC [JP]	EXTREME ULTRAVIOLET LIGHT SOURCE APPARATUS
US2012012758 A1 20120119	JP20090153775 20090629; WO2010JP58928 20100526	G21K5/00	SEISHIN TRADING CO LTD [JP]	LASER IRRADIATION DEVICE AND LASER PROCESSING METHOD
US2012104272 A1 20120503	JP20090154532 20090630; WO2010JP03892 20100611	G21K5/00; H01J3/26	HITACHI HIGH TECH CORP [JP]	CHARGED PARTICLE GUN AND CHARGED PARTICLE BEAM DEVICE
US2012104274 A1 20120503	JP20090167441 20090716; WO2010JP04522 20100713; JP20090167451 20090716	G21K5/00; B01J19/08; H01J27/02	CANON ANELVA CORP [JP]	ION BEAM GENERATING APPARATUS, SUBSTRATE PROCESSING APPARATUS AND METHOD OF MANUFACTURING ELECTRONIC DEVICE
US2012126146 A1 20120524	JP20090177184 20090730; WO2010JP04555 20100714	G21K5/00; G21F3/00	HITACHI HIGH TECH CORP [JP]	ION MILLING DEVICE
US2012121058 A1 20120517	JP20090179686 20090731; WO2010JP63130 20100728	G21C1/04	TOKYO INST TECH [JP]	CORE OF NUCLEAR REACTOR AND NUCLEAR REACTOR
KR20120035929 A 20120416	JP20090179861 20090731	G21C19/32; G21F5/008; G21F5/012;	MITSUBISHI HEAVY IND LTD [JP]	CONTAINER FOR TRANSPORTING FUEL ASSEMBLY

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		G21F9/36		
US2012132831 A1 20120531	JP20090184637 20090807; WO2010JP63038 20100802	G21K5/00	LINTEC CORP [JP]	ENERGY APPLICATION DEVICE AND ENERGY APPLICATION METHOD
KR20120048692 A 20120515	JP20090194840 20090825	B23K26/12; G21C19/02	TOSHIBA KK [JP]	LASER IRRADIATION APPARATUS AND LASER MACHINING METHOD
US2012153190 A1 20120621	JP20090197506 20090828; WO2010JP04948 20100806	G21G5/00	PANASONIC CORP [JP]	METHOD FOR MANUFACTURING WAVELENGTH CONVERSION ELEMENT
US2012145930 A1 20120614	JP20090201433 20090901; WO2010JP64557 20100827	G21K5/00	TOKYO INST TECH [JP]; IHI CORP [JP]	LLP EUV LIGHT SOURCE AND METHOD FOR PRODUCING THE SAME
US2012121056 A1 20120517	JP20090206761 20090908; WO2010JP04679 20100721	G21C13/00; G21C9/00; G21C9/016	TOSHIBA KK [JP]	REACTOR CONTAINMENT VESSEL AND NUCLEAR POWER PLANT USING THE SAME
US2012145920 A1 20120614	JP20090217641 20090918; WO2010JP66129 20100917	G21K5/10; H02K41/02	HITACHI HIGH TECH CORP [JP]	Stage Device
MX2012004490 A 20120529	JP20090244645 20091023; WO2010JP06279 20101022	G21C19/02; G21C17/003; G21C17/08	TOSHIBA KK [JP]	IN-REACTOR PIPING WORK DEVICE AND IN-REACTOR PIPING WORK METHOD.
US2012121055 A1 20120517	JP20090249198 20091029; WO2010JP68816 20101025	G21C17/00	MITSUBISHI HEAVY IND LTD [JP]	OPERATIONAL SUPPORT DEVICE AND OPERATIONAL SUPPORT METHOD FOR A NUCLEAR POWER PLANT

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KR20120029473 A 20120326	JP20090251163 20091030	E04H5/02; G21C13/00; G21C13/024	MITSUBISHI HEAVY IND LTD [JP]	FOUNDATION FOR BUILDING IN NUCLEAR FACILITIES AND METHOD FOR BUILDING FOUNDATION
KR20120070594 A 20120629	JP20090258803 20091112	G21C13/024; G21C9/00; G21C15/18	MITSUBISHI HEAVY IND LTD [JP]	EMERGENCY REACTOR CORE COOLING DEVICE AND NUCLEAR REACTOR FACILITY
AU2010319028 A1 20120531	JP20090260933 20091116; WO2010JP70355 20101116	C23F11/00; C23F11/18; G21D1/00	TOSHIBA KK [JP]	Corrosion resistant structure and corrosion protection method in high-temperature water system
KR20120051689 A 20120522	JP20090280550 20091210	F22B37/32; B01D17/038; B01D45/12; G21C15/16	MITSUBISHI HEAVY IND LTD [JP]	MULTI-STAGE GAS-WATER SEPARATION DEVICE AND GAS-WATER SEPARATOR
KR20120046186 A 20120509	JP20090288077 20091218	G01T1/20; G21K4/00; H01L27/14	TOSHIBA ELECTRON TUBES & AMP DEVICES CO LTD [JP]; TOSHIBA KK [JP]	RADIATION DETECTOR AND METHOD FOR MANUFACTURING SAME
KR20120036352 A 20120417	JP20090296151 20091225	G01N17/00; G21C17/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR POWER PLANT SOUNDNESS EVALUATION SYSTEM
US2012128114 A1 20120524	JP20100013255 20100125; WO2011JP51338 20110125	G21C19/07	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR FUEL STORAGE RACK CONNECTION STRUCTURE AND CONNECTION METHOD THEREOF
TW201214464 A 20120401	JP20100018548 20100129; JP20100018563 20100129	G21K4/00; G01T1/20	HAMAMATSU PHOTONICS KK [JP]	Radiation image conversion panel
JP2012085995 A 20120510	JP20100022730 20100204; JP20100211860 20100922; JP20100267588 20101130	A61B6/00; A61B6/06; G03B42/02; G21K1/06	FUJIFILM CORP [JP]	RADIATION IMAGING SYSTEM

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TW201207864 A 20120216	JP20100030553 20100215	G21C17/017; F16L55/162	TOSHIBA KK [JP]	In-pipe work device
DE102011017732 A1 20120119	JP20100103115 20100428	G21F9/02; G21C9/00	HITACHI GE NUCLEAR ENERGY LTD [JP]; NIKKI UNIVERSAL CO LTD [JP]	Wasserstoff- und Sauerstoff-Rekombinationskatalysator, Rekombinationsgerät und kerntechnische Anlage
TW201220324 A 20120516	JP20100112458 20100514; JP20100284651 20101221	G21C17/00	TOSHIBA KK [JP]	Output monitoring device for nuclear reactor
JP2012013685 A 20120119	JP20100126325 20100601; JP20110123614 20110601	G21K1/06	CANON KK [JP]	X-RAY MIRROR, PRODUCTION METHOD THEREOF, AND X-RAY APPARATUS
JP2012013679 A 20120119	JP20100127337 20100602; JP20110101308 20110428	G21K1/06; G21K1/00	CANON KK [JP]	X-RAY WAVEGUIDE
JP2012003310 A 20120105	JP20100134992 20100614	G06F3/14; G21C17/00	TOSHIBA CORP [JP]	PLANT MONITORING DEVICE AND PLANT MONITORING SYSTEM
JP2012002599 A 20120105	JP20100136359 20100615	G21C19/46	TOSHIBA CORP [JP]	SLUDGE CLEANING APPARATUS FOR USED FUEL AND SLUDGE CLEANING METHOD
JP2012002606 A 20120105	JP20100136615 20100615	G21F9/02; B01J20/22	mitsubishi heavy ind ltd [JP]	RADIOACTIVE IODINE ADSORBENT AND RADIOACTIVE IODINE REMOVAL DEVICE
JP2012002627 A 20120105	JP20100136984 20100616	G21K4/00; G01T1/20	KONICA MINOLTA MED & GRAPHIC [JP]	TWO-DIMENSIONAL ARRAY SCINTILLATOR FOR RADIATION DETECTION
JP2012002634 A 20120105	JP20100137185 20100616	G21C17/00; G21C17/108	HITACHI GE NUCLEAR ENERGY LTD [JP]	APPARATUS FOR MONITORING NEUTRON IN NUCLEAR REACTOR STARTING AREA

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JP2012000233 A 20120105	JP20100137244 20100616	A61N5/10; G21K1/04	MITSUBISHI ELECTRIC CORP [JP]	MULTILEAF COLLIMATOR AND PARTICLE BEAM THERAPY APPARATUS
JP2012003482 A 20120105	JP20100137420 20100616	G05B23/02; G08B23/00; G21C17/00	TOSHIBA CORP [JP]	ALARM MONITORING SYSTEM
JP2012002652 A 20120105	JP20100137421 20100616	G21C17/10	TOSHIBA CORP [JP]	CONTROL ROD POSITION MONITORING DEVICE
JP2012002657 A 20120105	JP20100137585 20100616	G21C15/02	TOSHIBA CORP [JP]	CORE INTERNAL STRUCTURE AND REACTOR PRESSURE VESSEL
JP2012002714 A 20120105	JP20100138960 20100618	G21F9/02; B01J20/22	CHUBU ELECTRIC POWER; JAPAN ENVIRONMENT RES CO LTD [JP]	RADIOACTIVE ORGANIC IODINE REMOVING APPARATUS
JP2012002725 A 20120105	JP20100139101 20100618	G21C19/06; G21F9/34; G21F9/36	TAISEI CORP	INTERMEDIATE STORAGE FACILITY
JP2012002745 A 20120105	JP20100139443 20100618	G21F9/12	TOSHIBA CORP [JP]	WASTE LIQUID TREATMENT APPARATUS AND WASTE LIQUID TREATMENT METHOD
JP2012002760 A 20120105	JP20100139920 20100618	G21K1/06; G21K1/00	CANON KK [JP]	X-RAY WAVEGUIDE AND METHOD OF MANUFACTURING THE SAME
JP2012002773 A 20120105	JP20100140426 20100621	G21F9/02; F23G5/00; F23J15/00; G21F9/30	NGK INSULATORS LTD; CHUGOKU ELECTRIC POWER	OPERATION METHOD OF RADIOACTIVE WASTE MELTING FURNACE AND FLUE BLOCKING PREVENTION APPARATUS
JP2012007940 A 20120112	JP20100142629 20100623	G01N23/04; B65G47/80; G21K3/00; G21K5/10	ISHIDA SEISAKUSHO	X-RAY INSPECTING DEVICE
JP2012007783 A 20120112	JP20100142761 20100623	F27B7/38; F27B7/33	KOYO THERMO SYS KK	HEAT TREATMENT DEVICE
JP2012007989 A 20120112	JP20100143762 20100624	G21B1/03	SUZUKI MOTOR CORP	LASER NUCLEAR FUSION DEVICE

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JP2012008001 A 20120112	JP20100144158 20100624	G21C17/00; G21C17/003	TOSHIBA CORP [JP]	VIBRATION MEASUREMENT DEVICE AND VIBRATION MEASUREMENT METHOD FOR STRUCTURE IN REACTOR
JP2012008033 A 20120112	JP20100144894 20100625	G21C19/18; G21D3/04	TOSHIBA CORP [JP]	FUEL EXCHANGE APPARATUS
JP2012008043 A 20120112	JP20100145159 20100625	G21C15/25; G21C5/00	TOSHIBA CORP [JP]	MANUFACTURING METHOD OF COATING OF JET PUMP
JP2012008048 A 20120112	JP20100145300 20100625	G21C15/02; G21C3/322; G21C3/33	MITSUBISHI HEAVY IND LTD [JP]	PRESSURE LOSS ADJUSTMENT MEMBER AND ATOMIC REACTOR
JP2012008060 A 20120112	JP20100145770 20100628	G21C17/038; G01N23/04; G21C17/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	RADIATION-TRANSMISSIVE IMAGING DEVICE AND IMAGING METHOD THEREOF
JP2012008083 A 20120112	JP20100146250 20100628	G21C5/18; G21C3/328; G21C3/62	NUCLEAR FUEL IND LTD [JP]	SET OF MOX FUEL ASSEMBLIES
JP2012008102 A 20120112	JP20100146685 20100628	G21C19/18	TOSHIBA CORP [JP]	REFUELING MACHINE
JP2012013414 A 20120119	JP20100146995 20100629	G21F9/02	HITACHI GE NUCLEAR ENERGY LTD [JP]	GASEOUS RADIOACTIVE WASTE DISPOSAL APPARATUS AND GASEOUS RADIOACTIVE WASTE DISPOSAL METHOD
WO2012002188 A1 20120105	JP20100147125 20100629	G21F9/02	WAKAIDA ENGINEERING INC [JP]; JAPAN ENVIRONMENT RES CO LTD [JP]; INOUE MAKOTO [JP]; MIYAZAKI ICHIRO [JP]; MURAYAMA SATOSHI [JP]; MOGI MICHINORI [JP]	FILTER FOR REMOVING RADIOACTIVE ORGANIC IODINE

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JP2012013421 A 20120119	JP20100147295 20100629	G01T7/00; A61B6/03; G21K1/02	GE MED SYS GLOBAL TECH CO LLC	COLLIMATOR MODULE, MANUFACTURING METHOD THEREOF, MULTI-ARRAY X-RAY DETECTOR, AND X-RAY CT APPARATUS
JP2012013423 A 20120119	JP20100147324 20100629	G01N23/207; G01L1/25; G21K3/00	NIPPON STEEL CORP; HORIBA LTD	X-RAY STRESS MEASURING APPARATUS
EP2402954 A2 20120104	JP20100147632 20100629	G21C5/06; G21C15/02; G21C15/08	MITSUBISHI HEAVY IND LTD [JP]	Pressure-loss adjusting-member installation tool
JP2012013438 A 20120119	JP20100147649 20100629	G21F9/16; C03B19/06; C03C1/02	NUSAC INC	SINTERED GLASS GRANULE AND MANUFACTURING METHOD THEREOF
JP2012013441 A 20120119	JP20100147692 20100629	G21F9/06; G21F9/12	CENTRAL GLASS CO LTD; JAPAN ATOMIC ENERGY AGENCY [JP]	SEPARATING MATERIAL FOR NUCLEAR FISSION PRODUCT, MANUFACTURING METHOD THEREOF, AND METHOD FOR SEPARATING NUCLEAR FISSION PRODUCT USING THE SEPARATING MATERIAL
WO2012002456 A1 20120105	JP20100147780 20100629	C01B13/36; C01G31/02; C01G43/025; G21C3/42	UNIV TOHOKU [JP]; YAMAMURA TOMOO [JP]; SHIRASAKI KENJI [JP]; SATO ISAMU [JP]	METHOD FOR CONTROLLING HYDROTHERMAL SYNTHESIS REACTION USING ALDEHYDE
JP2012010759 A 20120119	JP20100147789 20100629	A61N5/10; G01T7/00; G21K5/00	SUMITOMO HEAVY INDUSTRIES [JP]	INTERFERENCE DETERMINATION DEVICE
JP2012013449 A 20120119	JP20100147923 20100629	G21F9/30; G21F7/04	OHBAYASHI CORP	DEMOLITION METHOD OF APPARATUS AND FACILITY INTERNALLY CONTAMINATED BY RADIOACTIVE SUBSTANCE

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US2012007002 A1 20120112	JP20100148843 20100630	G21K5/10	NUFLARE TECHNOLOGY INC [JP]	CHARGED PARTICLE BEAM PATTERN FORMING APPARATUS AND CHARGED PARTICLE BEAM PATTERN FORMING METHOD
US2012001097 A1 20120105	JP20100149000 20100630	G21K5/10	NUFLARE TECHNOLOGY INC [JP]	CHARGED PARTICLE BEAM DRAWING APPARATUS AND CONTROL METHOD THEREOF
JP2012013501 A 20120119	JP20100149223 20100630	G21C19/07	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR FUEL STORAGE RACK
JP2012013530 A 20120119	JP20100150135 20100630	G21K1/06	FUJIFILM CORP [JP]	DIFFRACTION GRATING, METHOD FOR MANUFACTURING THE SAME, AND RADIOGRAPHIC DEVICE
JP2012010957 A 20120119	JP20100150213 20100630	A61N5/10; G21K1/00; H05G2/00	UNIV KINKI	PIN-POINT IRRADIATION TYPE X-RAY GENERATOR FOR MALIGNANT TUMOR TREATMENT
JP2012013546 A 20120119	JP20100150436 20100630	G21C17/10	TOSHIBA CORP [JP]	MOBILE TYPE INTRA-FURNACE INSTRUMENTATION DRIVING DEVICE AND METHOD FOR MONITORING FRICTIONAL RESISTANCE OF INSIDE OF GUIDE PIPE USING THE SAME
JP2012032388 A 20120216	JP20100150447 20100630; JP20110144134 20110629	G01N21/71; G21C19/06	CENTRAL RES INST ELECT	METHOD AND DEVICE OF MEASURING CONCENTRATION OF METALLIC SURFACE ADHESION COMPONENT
JP2012013555 A 20120119	JP20100150736 20100701	G21F9/28; G21F9/06; G21F9/08	HITACHI GE NUCLEAR ENERGY LTD [JP]	METHOD FOR CHEMICAL DECONTAMINATION OF NUCLEAR POWER PLANT
JP2012013556 A 20120119	JP20100150758 20100701	G21F9/22; G21F9/04	TAIHEI DENGYO KAISHA LTD [JP]	DEVICE FOR SUCKING RESIDUAL RADIOACTIVE SLUDGE LIQUID
WO2012002419 A1 20120105	JP20100150758 20100701; JP20100175377	G21F9/22; G21F9/04	TAIHEI DENGYO KAISHA LTD [JP]; AIZAWA MASAHIRO [JP]; OGATA OSAMU [JP]	DEVICE FOR SUCKING RESIDUAL RADIOACTIVE SLUDGE LIQUID

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	20100804			
JP2012013558 A 20120119	JP20100150816 20100701	G21C15/18	HITACHI GE NUCLEAR ENERGY LTD [JP]	ISOLATION COOLING SYSTEM OF NUCLEAR POWER PLANT
JP2012011038 A 20120119	JP20100151095 20100701	A61N5/10; G21K5/04	HITACHI LTD [JP]	DEFLECTION DEVICE AND PARTICLE BEAM THERAPY APPARATUS
JP2012002789 A 20120105	JP20100151453 20100615	G21B1/03	INAI MOTOHIKO	NUCLEAR FUSION IGNITION METHOD
WO2012002352 A1 20120105	JP20100151459 20100701	G21C17/00; G05B23/02	mitsubishi heavy ind ltd [JP]; NAKABAYASHI TOSHIHARU	DEVICE FOR MONITORING OPERATION OF NUCLEAR POWER PLANT
JP2012013617 A 20120119	JP20100152220 20100702	G21G4/08; B09B3/00; C01G39/00	JAPAN ATOMIC ENERGY AGENCY [JP]; TAIYO KOKO CO LTD	PROCESS FOR RECOVERING MOLYBDENUM FROM TECHNETIUM-99M GENERATOR
WO2012002353 A1 20120105	JP20100152487 20100702	G21C19/32; G21F5/08; G21F9/36	MITSUBISHI HEAVY IND LTD [JP]; SAITO YUICHI; KISHIMOTO JUNICHI; KIMURA TADASHI; KITADA AKIO; TAMAKI HIROKI	CASK CUSHIONING BODY
JP2012013638 A 20120119	JP20100152787 20100705	G21F9/06; G21C19/46	TOSHIBA CORP [JP]	RECOVERY METHOD AND RECOVERY DEVICE OF RARE METAL FROM HIGH-LEVEL RADIOACTIVE WASTE LIQUID
JP2012013645 A 20120119	JP20100152924 20100705	G21C15/16	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM DRIER OF BOILING WATER REACTOR
JP2012018009 A 20120126	JP20100154148 20100706	G21C15/18; G21C13/00	TOSHIBA CORP [JP]; TOSHIBA PLANT SYS & SERVICES	CONDENSATE STORAGE FACILITY FOR NUCLEAR POWER PLANT

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JP2012018023 A 20120126	JP20100154485 20100707	G21C19/40; G21C19/32	HITACHI GE NUCLEAR ENERGY LTD [JP]; CHUBU ELECTRIC POWER	SPENT FUEL ASSEMBLY STORAGE SUPPORT METHOD, SPENT FUEL ASSEMBLY STORAGE SUPPORT APPARATUS, AND METHOD FOR STORING SPENT FUEL ASSEMBLY IN CASK
JP2012030013 A 20120216	JP20100156296 20100709; JP20100179644 20100810	A61N5/10; G01N21/62; G01N23/223; G21K1/00; G21K5/02; H01J35/32; H05G1/00; H05G1/02	ADTECH SENSING RES INC [JP]	TREATMENT DEVICE
JP2012016804 A 20120126	JP20100157077 20100709	B24C3/06; B23K31/00; B24C1/10; B24C9/00; G21C19/02; G21D1/00	TOSHIBA CORP [JP]	DEVICE FOR PERFORMING ULTRASONIC SHOT PEENING
JP2012021777 A 20120202	JP20100157435 20100712	G21C17/00; G21D3/00; G21F9/02	HITACHI GE NUCLEAR ENERGY LTD [JP]	DEVICE FOR PREDICTING EXIT HYDROGEN CONCENTRATION OF EXHAUST GAS RECOMBINATION DEVICE AND METHOD OF PREDICTING EXIT HYDROGEN CONCENTRATION
US2012140898 A1 20120607	JP20100157749 20100712	G21K4/00	FUJIFILM CORP [JP]	RADIOGRAPHIC IMAGE DETECTION APPARATUS
WO2012008287 A1 20120119	JP20100158133 20100712	A61B6/03; G01N23/04; G01N23/20; G21K1/06	CANON KK [JP]; MUKAIDE TAIHEI [JP]; NAKATSUJI NAO [JP]	X-RAY IMAGING APPARATUS AND IMAGING METHOD

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US2012014494 A1 20120119	JP20100159182 20100713	G21C1/04	MITSUBISHI HEAVY IND LTD [JP]	PRESSURE-LOSS ADJUSTING MEMBER REACTOR
JP2012021874 A 20120202	JP20100159682 20100714	G21C1/02; G21C15/02	MITSUBISHI HEAVY IND LTD [JP]	REACTOR VESSEL STRUCTURE AND REACTOR OPERATION METHOD
JP2012021877 A 20120202	JP20100159753 20100714	G21C9/016	TOSHIBA CORP [JP]	CORE MOLTEN MATERIAL HOLDING DEVICE AND CONTAINMENT VESSEL
JP2012021891 A 20120202	JP20100160189 20100715	G21C19/02; G21C17/003; G21C17/08; G21F9/28	TOSHIBA CORP [JP]	REACTOR PIPING WORK APPARATUS AND REACTOR PIPING WORK METHOD
WO2012008274 A1 20120119	JP20100160538 20100715	A61N5/10; G21K1/02; G21K1/04; G21K5/04	MITSUBISHI ELECTRIC CORP [JP]; PU YUEHU [JP]; HARADA HISASHI [JP]; HONDA TAIZO [JP]	PARTICLE BEAM IRRADIATION APPARATUS AND PARTICLE BEAM THERAPY APPARATUS PROVIDED WITH SAME
JP2012020259 A 20120202	JP20100161648 20100716	B01D29/60; B01D24/48; B01D29/11; B01D29/62; B01D35/16; B01D35/30; E02B1/00; F28F19/01; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	FOREIGN MATTER REMOVING APPARATUS IN SEAWATER
JP2012020260 A 20120202	JP20100161649 20100716	B08B3/10; B08B3/02; B08B9/02; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	APPARATUS FOR REMOVING FOREIGN MATTER IN SEAWATER
JP2012021631 A 20120202	JP20100161773 20100716	F16L55/10; F22B37/02; G21C17/003; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	INSPECTION HOLE PLUG
JP2012021944 A 20120202	JP20100161857 20100716	G21F9/36; B09B1/00	SHIMIZU CONSTRUCTION CO LTD	BUFFER MANUFACTURING METHOD AND BUFFER MANUFACTURING APPARATUS

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JP2012021951 A 20120202	JP20100162031 20100716	G21K7/00; G02B21/00; G21K1/00; G21K1/06	SAITAMA MEDICAL UNIV	SOFT X-RAY MICROSCOPE
JP2012026758 A 20120209	JP20100162955 20100720	G21C17/00; B01D53/04; G21F9/02	CHUBU ELECTRIC POWER	EMERGENCY GAS PROCESSING APPARATUS MAINTENANCE METHOD
JP2012026817 A 20120209	JP20100164479 20100722	G21F9/14; F23G7/00; G21F9/02	NGK INSULATORS LTD	RADIOACTIVE SILICONE OIL INCINERATION APPARATUS
JP2012026818 A 20120209	JP20100164480 20100722	G21F9/14; B09B3/00; F23G7/00; G21F9/02; G21F9/30	NGK INSULATORS LTD	RADIOACTIVE SILICONE OIL PROCESSING METHOD
JP2012025994 A 20120209	JP20100164817 20100722	C22B11/00; B01D11/04; B01D15/00; B01J20/22; C22B3/24; C22B3/26; C22B7/00; G21F9/06	NAT INST OF ADVANCED IND SCIEN; TOKYO INST TECH [JP]	METHOD FOR SEPARATING AND RECOVERING PLATINUM GROUP METAL FROM NITRIC ACID SOLUTION
JP2012026849 A 20120209	JP20100165174 20100722	G21C7/10; G21C7/113	TOSHIBA CORP [JP]	NUCLEAR REACTOR CONTROL ROD
US2012020454 A1 20120126	JP20100165874 20100723	G01N23/04; G21K1/02	FUJIFILM CORP [JP]	Radiation imaging system and collimator unit
JP2012026914 A 20120209	JP20100167024 20100726	G21F9/16; C04B7/19; G21F9/30	TAIHEIYO CONSULTANT KK; TOSHIBA CORP [JP]; TOSHIBA PLANT SYS & SERVICES	BLAST FURNACE CEMENT AND METHOD OF REDUCING HYDROGEN GAS DUE TO BLAST FURNACE CEMENT
JP2012026944 A 20120209	JP20100167683 20100727	G21D3/08; G21D3/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	NUCLEAR REACTOR WATER SUPPLY CONTROL APPARATUS

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WO2012014894 A1 20120202	JP20100168289 20100727	G21D1/00	TOSHIBA KK [JP]; OKAMURA MASATO; SHIBASAKI OSAMU; YAMAMOTO SEIJI; HIRASAWA HAJIME	METHOD FOR SUPPRESSING CORROSION OF PLANT, AND PLANT
JP2012026983 A 20120209	JP20100168715 20100728	G21F9/30	HITACHI GE NUCLEAR ENERGY LTD [JP]; JAPAN ATOMIC POWER	SOLIDIFICATION PROCESSING METHOD FOR RADIOACTIVE WASTE
JP2012032155 A 20120216	JP20100169120 20100728	G21F9/06; G21F9/10	HITACHI GE NUCLEAR ENERGY LTD [JP]	RADIOACTIVE WASTE TREATMENT METHOD AND APPARATUS THEREFOR
WO2012014671 A1 20120202	JP20100169210 20100728	G21K5/00; A61N5/10; G21K5/02	SUMITOMO HEAVY INDUSTRIES [JP]; MITSUMOTO TOSHINORI [JP]	NEUTRON RAY IRRADIATION DEVICE, AND METHOD FOR CONTROL OF NEUTRON RAY IRRADIATION DEVICE
CN102343992 A 20120208	JP20100169661 20100728	B65B55/08; G21K5/04	SUNTORY HOLDINGS LTD [JP]; SHIBUYA KOGYO CO LTD [JP]	Electronic ray irradiation device
JP2012031751 A 20120216	JP20100170060 20100729	F04F5/10; F04F5/44; G21C15/25	HITACHI GE NUCLEAR ENERGY LTD [JP]	JET PUMP AND NUCLEAR REACTOR
JP2012033338 A 20120216	JP20100170647 20100729	H05G2/00; G21K1/00; G21K5/02; H01S3/00; H05H3/06; H05H6/00; H05H9/00; H05H13/04	JAPAN ATOMIC ENERGY AGENCY [JP]	LASER COMPTON LIGHT GENERATOR, LASER COMPTON LIGHT GENERATING METHOD, AND NEUTRON BEAM GENERATOR
JP2012032248 A 20120216	JP20100171307 20100730	G21D1/00; F16K47/02; F17D1/20	HITACHI GE NUCLEAR ENERGY LTD [JP]	MAIN STEAM RELIEF SAFETY VALVE NOZZLE OF BOILING-WATER NUCLEAR POWER PLANT
JP2012029821 A 20120216	JP20100171309 20100730	A61N5/10; G21K5/04	HITACHI LTD [JP]	PARTICLE BEAM MEDICAL TREATMENT SYSTEM AND PARTICLE BEAM IRRADIATION METHOD

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JP2012032250 A 20120216	JP20100171311 20100730	G21C19/30; G21D1/02	HITACHI GE NUCLEAR ENERGY LTD [JP]	SODIUM CONDENSING REMOVAL DEVICE FOR FAST BREEDER REACTOR COVER GAS SYSTEM
JP2012032255 A 20120216	JP20100171394 20100730	G21D1/00; G21D3/08	TOKYO ELECTRIC POWER CO [JP]	NUCLEAR POWER PLANT AND METHOD OF HYDROGEN INJECTION TO NUCLEAR REACTOR WATER SUPPLY
JP2012033370 A 20120216	JP20100171612 20100730	H01J37/244; G01N23/225; G21K1/00; G21K1/04; H01J37/252	UNIV TOHOKU [JP]; JEOL LTD	X-RAY DETECTION SYSTEM
JP2012032276 A 20120216	JP20100172046 20100730	G21C9/016; G21C15/18	TOSHIBA CORP [JP]	CORIUM COOLING DEVICE AND STORAGE VESSEL
JP2012032291 A 20120216	JP20100172539 20100730	G21C19/02; G21C13/00; G21C19/20	MITSUBISHI HEAVY IND LTD [JP]	NOZZLE REPAIR METHOD
WO2012017852 A1 20120209	JP20100174022 20100802	G05B23/02; G21C17/00	MITSUBISHI HEAVY IND LTD [JP]; HANADA SATOSHI; ITO KOJI	NUCLEAR PLANT OPERATION SUPERVISION DEVICE
JP2012032357 A 20120216	JP20100174279 20100803	G21F9/16; C03B5/185; C03B5/235; F27B14/06; F27D11/06; G21F9/30; H05B6/18	CENTRAL RES INST ELECT	MELTING FURNACE WITH INDUCTION HEATING
JP2012037239 A 20120223	JP20100174478 20100803	G21K1/06; G01N23/223	UNIV OSAKA CITY; NTT ADVANCED TECH KK	TWO-DIMENSIONAL SPECTROSCOPIC ELEMENT FOR X-RAY AND TWO-DIMENSIONAL DISTRIBUTION MEASURING INSTRUMENT USING THE SAME

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JP2012036583 A 20120223	JP20100175168 20100804	E04H5/02; G21C13/00	TOKYO ELECTRIC POWER CO [JP]; SHIMIZU CONSTRUCTION CO LTD	SECTION DIVISION METHOD OF BUILDING
JP2012037270 A 20120223	JP20100175373 20100804	G21F9/06; G21C19/307; G21F9/10	HITACHI GE NUCLEAR ENERGY LTD [JP]	RADIOACTIVE WASTE LIQUID PROCESSOR
JP2012037271 A 20120223	JP20100175377 20100804	G21F9/22; G21F9/04	TAIHEI DENGYO KAISHA LTD [JP]	RESIDUAL RADIOACTIVE SLUDGE LIQUID SUCTION DEVICE
JP2012037290 A 20120223	JP20100175742 20100804	G21F9/36	SHIMIZU CONSTRUCTION CO LTD	CUSHIONING MATERIAL REMOVING DEVICE AND CUSHIONING MATERIAL REMOVING METHOD
JP2012037299 A 20120223	JP20100175908 20100805	G21C19/02; G21C17/003; G21F9/28	TOSHIBA CORP [JP]	IN-REACTOR STRUCTURE OPERATION DEVICE AND IN-REACTOR STRUCTURE OPERATION METHOD
JP2012036605 A 20120223	JP20100176099 20100805	E03C1/28; F16K15/03; G21D1/00; G21F9/04	TOKYO ENERGY & SYSTEMS INC; SHINWA KK	CONTAMINATION PREVENTION DEVICE FOR FLOOR DRAIN FUNNEL
JP2012037316 A 20120223	JP20100176131 20100805	G21K5/10; G21K5/04	JFE STEEL CORP	ELECTRON BEAM IRRADIATION DEVICE
JP2012037319 A 20120223	JP20100176242 20100805	G21C15/16; B01D45/08; B01D45/12	TOSHIBA CORP [JP]	STEAM SEPARATOR, STEAM SEPARATION METHOD AND NUCLEAR REACTOR
WO2012018129 A1 20120209	JP20100177062 20100806	G01N23/04; G21K1/00	CANON KK [JP]; MUKAIDE TAIHEI [JP]	X-RAY PHASE CONTRAST IMAGING USING A GRATING WITH UNEQUAL SLIT WIDTHS
JP2012037368 A 20120223	JP20100177448 20100806	G21C17/032; G21C15/25	HITACHI GE NUCLEAR ENERGY LTD [JP]	CLAMP DEVICE INSTALLING DEVICE AND INSTALLING METHOD FOR JET PUMP MEASUREMENT PIPE

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JP2012036968 A 20120223	JP20100177608 20100806	F16J15/10; G21C19/32; G21F5/12; G21F9/36	NIHON VALQUA KOGYO KK	SEALANT FOR CASK
JP2012036443 A 20120223	JP20100177882 20100806	C21D8/12; C21D1/38; C21D9/56; G21K5/04; G21K5/10	JFE STEEL CORP	ELECTRON BEAM IRRADIATION METHOD
WO2012018016 A1 20120209	JP20100178092 20100806	G21C17/00; G21D3/04	mitsubishi heavy ind ltd [JP]; UTSUMI MASAFUMI; SATAKE HIDEKAZU; SHIMIZU MASARU	CONTROL SYSTEM FOR NUCLEAR POWER PLANT
JP2012037440 A 20120223	JP20100179236 20100810	G21K1/06	UNIV TOKYO METROPOLITAN; JAPAN AEROSPACE EXPLORATION	X-RAY OPTICAL SYSTEM
JP2012037024 A 20120223	JP20100180381 20100811	F16L1/00; C09J163/00; C09J201/00; F16L57/00; G21C13/00	HITACHI PLANT TECHNOLOGIES LTD	METHOD FOR ATTACHING TEMPORARY MATERIAL TO PIPING MODULE AND METHOD FOR CONVEYING PIPING MODULE
WO2012020578 A1 20120216	JP20100180769 20100812	G21K4/00	KONICA MINOLTA MED & GRAPHIC [JP]; YAMAMOTO YOSHITO [JP]; SAWAMOTO NAOYUKI [JP]; YANAGITA TAKAFUMI [JP]	RADIOLOGICAL IMAGE CONVERSION PANEL, PROCESS FOR PRODUCTION OF RADIOLOGICAL IMAGE CONVERSION PANEL, AND DEVICE FOR FORMATION OF RADIOLOGICAL IMAGE
WO2012020666 A1 20120216	JP20100181025 20100812	G05B9/03; G05B9/02; G21D3/04	mitsubishi heavy ind ltd [JP]; NAGAI TETSURO; SATAKE HIDEKAZU	PLANT CONTROL SYSTEM
JP2012042300 A 20120301	JP20100182887 20100818	G21F1/10; B01J20/26; C08K3/08; C08K3/10;	SANYO CHEMICAL IND LTD	RADIOACTIVITY DIFFUSION PREVENTION COMPOSITION

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		C08L33/02; C08L75/04; C08L101/00		
JP2012042306 A 20120301	JP20100182980 20100818	G21F9/36; B09B1/00; G21F9/34	SHIMIZU CONSTRUCTION CO LTD	DISPOSAL FACILITY AND OPERATION METHOD OF DISPOSAL FACILITY
JP2012042314 A 20120301	JP20100183395 20100818	G21F1/08; G21F3/00	TOYO KOHAN CO LTD [JP]	THERMAL NEUTRON SHIELDING MATERIAL AND METHOD OF MANUFACTURING THE SAME
JP2012042317 A 20120301	JP20100183484 20100818	G21F1/08; G21F3/00	TOYO KOHAN CO LTD [JP]	THERMAL NEUTRON SHIELDING MATERIAL AND METHOD OF MANUFACTURING THE SAME
WO2012023265 A1 20120223	JP20100183484 20100818; JP20100183395 20100818	G21F1/08; G21F3/00	TOYO KOHAN CO LTD [JP]; YAMASAKI YUJI [JP]; HIRATA KOUROU [JP]; YANAGA HIROKI [JP]	THERMAL NEUTRON-BLOCKING MATERIAL AND METHOD FOR PRODUCING SAME
JP2012042336 A 20120301	JP20100183731 20100819	G21C9/016	TOSHIBA CORP [JP]	CORE MELT HOLDING APPARATUS
JP2012042345 A 20120301	JP20100183932 20100819	G21F9/30; G21F9/28	FUJI ELECTRIC CO LTD	RESIN WASTE VOLUME REDUCTION APPARATUS
JP2012042360 A 20120301	JP20100184475 20100819	G21F9/30	CENTRAL RES INST ELECT	METHOD AND APPARATUS FOR DETECTING MELT STATUS DURING MELT PROCESSING OF RADIOACTIVE WASTE
JP2012042368 A 20120301	JP20100184638 20100820	G21C15/10; G21C5/00; G21C7/28	TOSHIBA CORP [JP]	REFLECTOR CONTROL REACTOR AND REFLECTOR
JP2012042373 A 20120301	JP20100184711 20100820	G21K1/02	NAT UNIV YOKOHAMA	MANUFACTURE OF RADIATION COLLIMATOR
JP2012042378 A 20120301	JP20100184998 20100820	G21F9/30	KAYABA INDUSTRY CO LTD	NUCLEAR REACTOR DISMANTLING ROBOT

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JP2012042379 A 20120301	JP20100185002 20100820	G21C17/003	KAYABA INDUSTRY CO LTD	NUCLEAR REACTOR INSPECTION ROBOT
JP2012042397 A 20120301	JP20100185587 20100820	G21D3/08; G21D3/00	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR POWER PLANT AND REACTOR COOLANT PRESSURE CONTROL APPARATUS
WO2012023462 A1 20120223	JP20100185588 20100820	G21D3/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; SAGUCHI TETSUO; MIYAKE SHUHEI; TANI AKIHIRO	MIXING SYSTEM
WO2012026280 A1 20120301	JP20100186627 20100823	B25J15/08; F22B37/02	MITSUBISHI HEAVY IND LTD [JP]; KAMIYOSHI ATSUSHI; BABA TAKANORI; TANAKA HIDEKAZU	CLAMPER, IN-WATER-CHAMBER OPERATION DEVICE, AND CLAMPING METHOD
WO2012026281 A1 20120301	JP20100186628 20100823	F22B37/20; B25J15/08; F22B37/02; G21C19/02; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; KAMIYOSHI ATSUSHI; FUJITA JUN; TANAKA HIDEKAZU	CLAMPER AND IN-WATER-CHAMBER OPERATION DEVICE
US2012051483 A1 20120301	JP20100187013 20100824	G21C17/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	WELDED PORTION INSPECTION APPARATUS OF REACTOR PRESSURE VESSEL
JP2012046190 A 20120308	JP20100187262 20100824	B65D39/04; F16J15/06; G21C19/32; G21F5/12; G21F9/36	MITSUBISHI HEAVY IND LTD [JP]	SEALING STRUCTURE OF VESSEL
WO2012026328 A1 20120301	JP20100187648 20100824	G21D3/08; F22D5/30	MITSUBISHI HEAVY IND LTD [JP]; SUMITA HIROYUKI; KISHIMOTO EIICHI; MAEDA TOSHIKAZU	WATER SUPPLY DEVICE
WO2012026324 A1 20120301	JP20100187649 20100824	B23K9/00; B23K9/028; B23K9/235; B23K31/00; B23P13/00; F16L13/02;	MITSUBISHI HEAVY IND LTD [JP]; NARITA RYUICHI; KAGAWA TAKASHI; NAKAJIMA NOBUTAKA	METHOD FOR JOINING PIPE BASE, METHOD FOR PRODUCING VAPOR GENERATOR, MEMBER FOR PIPE BASE, AND VAPOR GENERATOR

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		F22B37/22; G21D1/00		
JP2012047526 A 20120308	JP20100188267 20100825	G21C3/30; G21C17/06	CHUGOKU ELECTRIC POWER	FUEL ASSEMBLY AND FUEL NUMBER CONFIRMATION METHOD
JP2012047531 A 20120308	JP20100188384 20100825	G21D3/08; G21C1/22; G21C5/18; G21C5/20	INTERNAT THORIUM ENERGY & MOLTEN SALT TECHNOLOGY INC	POWER GENERATION SYSTEM BY MOLTEN SALT REACTOR
WO2012026223 A1 20120301	JP20100188429 20100825	G01T7/00; A61B6/00; A61B6/06; G01N23/04; G21K1/06	FUJIFILM CORP [JP]; KANEKO YASUHISA [JP]	GRID FOR CAPTURING RADIATION IMAGE, METHOD FOR MANUFACTURING SAME, AND RADIATION IMAGE CAPTURING SYSTEM
JP2012047546 A 20120308	JP20100188980 20100826	G21C19/44	HITACHI GE NUCLEAR ENERGY LTD [JP]	FLUORINATION DEVICE, FLUORINATION METHOD AND REPROCESSING METHOD FOR NUCLEAR FUEL MATERIAL
JP2012047547 A 20120308	JP20100188983 20100826	G21F9/36; G21F5/14	HITACHI GE NUCLEAR ENERGY LTD [JP]	FRAME FOR CASK
WO2012026344 A1 20120301	JP20100189111 20100826	C23C8/18; C22C19/05; C22C38/00; C22C38/58; G21D1/00	SUMITOMO METAL IND [JP]; MASAKI YASUHIRO [JP]; TASAKA MASAHITO [JP]; KANZAKI MANABU [JP]; UEHIRA AKIHIRO [JP]; KINOMURA SHOJI [JP]	CR-CONTAINING AUSTENITE ALLOY PIPE AND PRODUCTION METHOD FOR SAME

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US2012049091 A1 20120301	JP20100189816 20100826	G21K5/00	SUMITOMO HEAVY INDUSTRIES [JP]	CHARGED-PARTICLE BEAM IRRADIATION DEVICE, CHARGED-PARTICLE BEAM IRRADIATION METHOD, AND COMPUTER READABLE MEDIUM
JP2012047658 A 20120308	JP20100191651 20100830	G21C15/16	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM DRIER AND BOILING WATER TYPE NUCLEAR POWER PLANT
JP2012047659 A 20120308	JP20100191652 20100830	G01N27/00; G21D3/00; G21F9/02	HITACHI GE NUCLEAR ENERGY LTD [JP]	HYDROGEN CONCENTRATION MEASUREMENT APPARATUS WITH HUMIDITY CORRECTION FUNCTION
JP2012045252 A 20120308	JP20100191735 20100830	A61L2/08; B65B55/04; B65B55/08; G21K5/04; G21K5/08	mitsubishi heavy ind ltd [JP]	ELECTRON BEAM STERILIZER
US2012051508 A1 20120301	JP20100192357 20100830	G01N23/04; G21K1/00; H01L31/18	FUJIFILM CORP [JP]	Grid for radiography and manufacturing method thereof, and radiation imaging system
US2012051509 A1 20120301	JP20100192358 20100830	G21K1/00; G01N23/04; H01L31/18	FUJIFILM CORP [JP]	Grid for radiography and manufacturing method thereof, and radiation imaging system
WO2012029623 A1 20120308	JP20100192846 20100830	F22B1/16; B23K9/00; B23K9/04; G21D1/00	mitsubishi heavy ind ltd [JP]; NARITA RYUICHI; KAGAWA TAKASHI; KANABUSHI TAKASHI; NAKAJIMA NOBUTAKA	STEAM GENERATOR TUBE PLATE AND METHOD FOR MANUFACTURING STEAM GENERATOR TUBE PLATE
JP2012052807 A 20120315	JP20100193065 20100831	G21F9/02; B01D53/86; C01B5/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	METHOD FOR MONITORING CATALYTIC PERFORMANCE OF RECOMBINER
JP2012052818 A 20120315	JP20100193192 20100831	G01M3/20; G21C17/07	mitsubishi heavy ind ltd [JP]	LEAKAGE INSPECTING METHOD OF FUEL ROD

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JP2012052823 A 20120315	JP20100193271 20100831	G21C9/004	HITACHI GE NUCLEAR ENERGY LTD [JP]	OPERATION METHOD OF STATIC CONTAINER COOLING EQUIPMENT AND BOILING-WATER NUCLEAR POWER PLANT
JP2012052847 A 20120315	JP20100193874 20100831	G01T1/20; A61B6/00; G21K4/00	FUJIFILM CORP [JP]	RADIATION DETECTOR, RADIOGRAPHIC IMAGE PICKUP DEVICE, AND MANUFACTURING METHOD OF RADIATION DETECTOR
JP2012052889 A 20120315	JP20100195043 20100831	G21C17/108	TOSHIBA CORP [JP]	NEUTRON MEASURING DEVICE
JP2012052890 A 20120315	JP20100195044 20100831	G21K1/02; A61B6/06; G01T7/00	TOSHIBA CORP [JP]; TOSHIBA MATERIALS CO LTD [JP]	Mo COLLIMATOR AND X-RAY DETECTOR USING THE SAME, AND CT DEVICE
WO2012029510 A1 20120308	JP20100195150 20100831	G21C17/00; G21C17/02; G21C17/07	mitsubishi heavy ind ltd [JP]; NISHIMURA TAKAO; KINO KENICHIRO	NUCLEAR REACTOR FUEL HEALTH MONITOR
JP2012052909 A 20120315	JP20100195614 20100901	G21K5/04; G21K5/00	YAZAKI CORP	ELECTRIC DISCHARGE TUBE
WO2012029492 A1 20120308	JP20100195835 20100901	A61N5/10; G21K1/00; G21K5/00; G21K5/02; H05H3/06; H05H6/00	SUMITOMO HEAVY INDUSTRIES [JP]; MITSUMOTO TOSHINORI [JP]	NEUTRON BEAM IRRADIATION SYSTEM
WO2012029676 A1 20120308	JP20100196522 20100902	G21K1/06	CANON KK [JP]; OKAMOTO KOHEI [JP]; KOMOTO ATSUSHI [JP]; KUBO WATARU [JP]; MIYATA HIROKATSU [JP]; NOMA TAKASHI [JP]	X-RAY WAVEGUIDE
JP2012052950 A 20120315	JP20100196687 20100902	G21D1/00; F01D25/00; F16J15/14; G21C13/028;	HITACHI GE NUCLEAR ENERGY LTD [JP]; SHINETSU CHEMICAL CO	BOILING WATER TYPE NUCLEAR POWER PLANT TO WHICH LOW CATALYST POISONING SEALING MATERIAL IS APPLIED

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		G21D1/02; G21F9/02		
JP2012052965 A 20120315	JP20100197044 20100902	G01T1/20; A61B6/00; G21K4/00	TOSHIBA CORP [JP]; TOSHIBA ELECTRON TUBES & AMP DEVICES CO LTD [JP]	RADIATION DETECTOR AND METHOD FOR PRODUCING THE SAME
JP2012052970 A 20120315	JP20100197216 20100903	G01N23/225; G01T1/32; G21K1/00	NAT INST FOR MATERIALS SCIENCE	SPIN REVERSAL DEVICE, SPIN REVERSAL EVALUATION SYSTEM AND SPIN REVERSAL METHOD
WO2012029533 A1 20120308	JP20100198248 20100903	G21C17/00	MITSUBISHI HEAVY IND LTD [JP]; YODO TADAKATSU	CRITICAL HEAT FLUX PREDICTION DEVICE, CRITICAL HEAT FLUX PREDICTION METHOD AND SAFETY EVALUATION SYSTEM
JP2012057952 A 20120322	JP20100198441 20100906	G21F1/06; C03C27/12; G21F1/10	NIPPON ELECTRIC GLASS CO	RADIATION SHIELDING SAFETY GLASS AND MANUFACTURING METHOD THEREOF
JP2012057986 A 20120322	JP20100199218 20100906	G21D5/02	JAPAN ATOMIC ENERGY AGENCY [JP]	COGENERATION HIGH-TEMPERATURE GAS FURNACE SYSTEM
WO2012032812 A1 20120315	JP20100199672 20100907	G05B23/02; G06Q50/00; G21C17/00	HITACHI LTD [JP]; MAEDA SHUNJI [JP]; SHIBUYA HISAE [JP]	MALFUNCTION DETECTION METHOD AND SYSTEM THEREOF
JP2012058003 A 20120322	JP20100199698 20100907	G21C3/06	NUCLEAR FUEL IND LTD [JP]	FUEL ASSEMBLY FOR NUCLEAR REACTOR
JP2012058033 A 20120322	JP20100200268 20100907	G21F9/16; G21F9/06; G21F9/08; G21F9/10	TOSHIBA CORP [JP]	METHOD AND DEVICE FOR TREATING WASTE WATER CONTAINING BORIC ACID
JP2012058034 A 20120322	JP20100200269 20100907	G21F9/16; G21F9/06; G21F9/08;	TOSHIBA CORP [JP]	METHOD AND DEVICE FOR TREATING WASTE WATER CONTAINING BORIC ACID

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		G21F9/10		
JP2012057532 A 20120322	JP20100201355 20100908	F01K9/00; G21D1/00	TOSHIBA CORP [JP]	CIRCULATING WATER EQUIPMENT OF POWER PLANT
US2012057667 A1 20120308	JP20100201387 20100908	G21C17/00	MITSUBISHI HEAVY IND LTD [JP]	RESONANCE CALCULATION PROGRAM AND ANALYZING APPARATUS
JP2012058113 A 20120322	JP20100202625 20100910	G21C15/16; B01D45/12	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM SEPARATION FACILITY FOR NUCLEAR REACTOR
JP2012058116 A 20120322	JP20100202659 20100910	G21G1/12; G21K1/00	KATO TETSUO	METHOD FOR GENERATING ELECTRON-POSITRON PAIR FROM LIGHT THROUGH INTERACTION OF LIGHT AND PRIME MAGNETIC FLUX
JP2012055556 A 20120322	JP20100203050 20100910	A61L2/08; B65B55/04; B65B55/08; G21K1/093; G21K5/04; G21K5/10	MITSUBISHI HEAVY IND LTD [JP]	ELECTRON BEAM STERILIZER
JP2012058131 A 20120322	JP20100203114 20100910	G01N21/84; G21C17/003; G21C19/02; G21F9/28	TOSHIBA CORP [JP]	REMOTE VISUAL TEST DEVICE
JP2012058143 A 20120322	JP20100203330 20100910	G21C19/32; G21C19/07; G21F5/012	CHUGOKU ELECTRIC POWER	RADIOACTIVE WASTE STORAGE BASKET
JP2012058155 A 20120322	JP20100203534 20100910	G21C19/07	TOSHIBA CORP [JP]	USED FUEL STORAGE RACK
JP2012058170 A 20120322	JP20100204007 20100913	G21K4/00; G01T1/20	KONICA MINOLTA MED & GRAPHIC [JP]	SCINTILLATOR PANEL

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US2012061593 A1 20120315	JP20100204193 20100913	G21K5/10	JEOL LTD [JP]	Charged-Particle Beam Lithographic Apparatus and Lithographic Method Therefor
JP2012059201 A 20120322	JP20100204436 20100913	G06F12/16; G06F13/38	TOSHIBA CORP [JP]	ABNORMALITY DETECTION APPARATUS AND ABNORMALITY DETECTION METHOD FOR SERIAL/PARALLEL CONVERSION SYSTEM
JP2012058211 A 20120322	JP20100204796 20100913	G21C3/33	GLOBAL NUCLEAR FUEL JP CO LTD	NUT ROTATION PREVENTION WASHER FOR COUPLED FUEL ROD OF FUEL ASSEMBLY AND FUEL ASSEMBLY EMPLOYING THE SAME
JP2012063153 A 20120329	JP20100205458 20100914	G21C13/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	REACTOR CONTAINER
JP2012063172 A 20120329	JP20100205921 20100914	G21C19/18	TOSHIBA CORP [JP]	FUEL EXCHANGING MACHINE
WO2012036160 A1 20120322	JP20100206169 20100914	G01T7/00; A61B6/06; G21K1/02	TOSHIBA KK [JP]; TOSHIBA MATERIALS CO LTD [JP]; KASAMOTO MAKOTO [JP]; YAMAMOTO SHINICHI [JP]	Mo COLLIMATOR AND X-RAY DETECTOR USING SAME, X-RAY INSPECTION DEVICE, AND CT DEVICE
JP2012063182 A 20120329	JP20100206208 20100915	G21C17/00; G21C17/003	HITACHI GE NUCLEAR ENERGY LTD [JP]	CRACK DIAGNOSTIC METHOD AND CRACK DIAGNOSTIC DEVICE FOR REACTOR STRUCTURE
US2012063561 A1 20120315	JP20100206332 20100915	G21C3/32	HITACHI GE NUCLEAR ENERGY LTD [JP]	FUEL ASSEMBLY
JP2012063191 A 20120329	JP20100206382 20100915	G21K3/00; G21K1/00; G21K1/06	CANON KK [JP]	X-RAY FILTER AND X-RAY FILTER APPARATUS
JP2012064403 A 20120329	JP20100206932 20100915	H05H13/04; A61N5/10; G21K5/04	HITACHI LTD [JP]	CHARGED PARTICLE BEAM IRRADIATION DEVICE

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CA2751341 A1 20120315	JP20100206960 20100915	G21C17/00; G01N17/04	TOSHIBA KK [JP]	METHOD FOR MONITORING CORROSION PROTECTION IN POWER PLANT
JP2012061407 A 20120329	JP20100207097 20100915	B01J41/10; B01D61/48; B01J39/04; B01J39/10; B01J41/04; C01F7/18; C01G33/00; C02F1/42; C02F1/469; G21C19/307; G21F9/12	TOSHIBA CORP [JP]	ION EXCHANGER, CLEANING DEVICE AND CLEANING METHOD
JP2012063119 A 20120329	JP20100209918 20100917	F22G3/00; G21D1/02	TOSHIBA CORP [JP]	MOISTURE SEPARATING HEATING APPARATUS
JP2012068047 A 20120405	JP20100210832 20100921	G01B21/20; G01C15/00; G06F17/50; G21C17/00; G21C17/003	TOSHIBA CORP [JP]	THREE-DIMENSIONAL CAD MODEL CREATION SYSTEM AND CREATION METHOD
JP2012067464 A 20120405	JP20100211242 20100921	E04G3/24; E04G5/14; F17C13/02; G21C13/00; G21C17/003	HITACHI PLANT TECHNOLOGIES LTD	INSPECTION TRESTLE AND INSTALLATION METHOD OF INSPECTION TRESTLE
JP2012068109 A 20120405	JP20100212641 20100922	G21C19/44	TOSHIBA CORP [JP]	REPROCESSING UNIT AND REPROCESSING METHOD FOR SPENT NUCLEAR FUEL
JP2012065841 A 20120405	JP20100212995 20100924	A61B6/00; G21K1/06	KONICA MINOLTA MED & GRAPHIC [JP]	X-RAY RADIOGRAPHY APPARATUS AND X-RAY IMAGE SYSTEM

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JP2012068123 A 20120405	JP20100213183 20100924	G21C17/003; G21C7/113; G21C17/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	CONTROL ROD LIFETIME EVALUATION METHOD AND CONTROL ROD LIFETIME EVALUATION DEVICE
WO2012039338 A1 20120329	JP20100213217 20100924	G21K1/06	CANON KK [JP]; KOMOTO ATSUSHI [JP]; OKAMOTO KOHEI [JP]; MIYATA HIROKATSU [JP]	X-RAY WAVEGUIDE
JP2012066847 A 20120405	JP20100213578 20100924	B65B55/08; A61L2/08; B65B55/04; G21K5/00; G21K5/04	SUNTORY HOLDINGS LTD [JP]; SHIBUYA KOGYO CO LTD [JP]	ELECTRON BEAM STERILIZATION METHOD AND ELECTRON BEAM STERILIZATION DEVICE
JP2012068203 A 20120405	JP20100215360 20100927	G21C19/07	TOSHIBA CORP [JP]	SEISMIC REINFORCEMENT STRUCTURE AND SEISMIC REINFORCEMENT METHOD OF SPENT FUEL STORAGE RACK
WO2012043475 A1 20120405	JP20100215840 20100927	H01J37/073; G21K1/00; H05H7/08	KEK HIGH ENERGY ACCELERATOR [JP]; URAKAWA JUNJI [JP]; TERUNUMA NOBUHIRO [JP]; TAKATOMI TOSHIKAZU [JP]	PHOTO-CATHODE HIGH-FREQUENCY ELECTRON-GUN CAVITY APPARATUS
JP2012073046 A 20120412	JP20100216322 20100928	G21F9/22; G21C17/003	HITACHI GE NUCLEAR ENERGY LTD [JP]	STORAGE TANK FOR RADIOACTIVE LIQUID WASTE
JP2012072694 A 20120412	JP20100217793 20100928	F01D15/08; F01D17/20; F01D17/24; F01D21/00; G21C15/18	HITACHI LTD [JP]	TURBINE CONTROL DEVICE, PUMP CONTROL DEVICE, AND REACTOR CORE ISOLATION COOLING SYSTEM CONTROL SYSTEM
JP2012073118 A 20120412	JP20100218200 20100929	G21F9/08; C02F1/04; C02F1/42; C02F1/469; G21F9/06; G21F9/12	HITACHI GE NUCLEAR ENERGY LTD [JP]	LAUNDRY WASTE LIQUID PROCESSING METHOD

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JP2012073136 A 20120412	JP20100218635 20100929	G21C19/07	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR FUEL STORAGE RACK
JP2012071263 A 20120412	JP20100218740 20100929	C02F1/76; C02F1/46; G21F9/06; G21F9/08; G21F9/12	HITACHI GE NUCLEAR ENERGY LTD [JP]	TREATMENT METHOD OF WASHING WASTE LIQUID
JP2012073874 A 20120412	JP20100218942 20100929	G05B23/02; G08B25/00; G21C17/00	HITACHI LTD [JP]	ALARM PROCESSING SYSTEM
JP2012074290 A 20120412	JP20100218986 20100929	H05G1/00; G21K1/00; G21K1/02; G21K1/06; G21K5/02	HAMAMATSU PHOTONICS KK [JP]	X-RAY GENERATOR
JP2012073172 A 20120412	JP20100219401 20100929	G21C5/20; G21C3/62; G21C5/00; G21C7/00	TOSHIBA CORP [JP]	FAST REACTOR CORE
JP2012077464 A 20120419	JP20100221327 20100930	E02B9/00	TOKYO KYUEI CO LTD	FLOW STRAIGHTENING OUTLET
WO2012043317 A1 20120405	JP20100222484 20100930	G21C17/00; G06F11/16; G21D3/04	MITSUBISHI HEAVY IND LTD [JP]; KIUCHI SHINJI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; SHIRASAWA HIROSHI	CONTROL DEVICE, AND NUCLEAR POWER PLANT CONTROL SYSTEM
WO2012043318 A1 20120405	JP20100222485 20100930	G05B23/02; G05B9/02; G21C17/00; G21C17/003	MITSUBISHI HEAVY IND LTD [JP]; FUJIMOTO HIROSHI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; TANAKA YUICHI; KIUCHI SHINJI; SHIRASAWA HIROSHI	SYSTEM FOR CONTROLLING NUCLEAR POWER PLANT AND METHOD FOR INSPECTING NUCLEAR POWER PLANT

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WO2012043223 A1 20120405	JP20100222486 20100930	G21D3/04; G05B23/02	mitsubishi heavy ind ltd [JP]; FUJIMOTO HIROSHI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; TANAKA YUICHI; KIUCHI SHINJI; SHIRASAWA HIROSHI	DEVICE FOR MONITORING OPERATION OF NUCLEAR POWER PLANT
JP2012078257 A 20120419	JP20100225085 20101004	G21K5/08; G01N23/04; G21K5/00; G21K5/02; H05G1/02	ISHIDA SEISAKUSHO	X-RAY INSPECTION DEVICE
JP2012078259 A 20120419	JP20100225172 20101004	G21C17/08; G21C17/10	mitsubishi heavy ind ltd [JP]	REACTOR CORE TOP PART MONITOR
JP2012078261 A 20120419	JP20100225263 20101004	G21K5/10; G21K5/00; G21K5/04; H01B13/14	NHV CORP	ELECTRON BEAM PROCESSING DEVICE
WO2012046609 A1 20120412	JP20100225273 20101004	G06F11/18; G06F11/16; G21C17/00; G21D3/04	mitsubishi heavy ind ltd [JP]; KIUCHI SHINJI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; SHIRASAWA HIROSHI	CONTROLLER AND NUCLEAR POWER PLANT CONTROL SYSTEM
WO2012046610 A1 20120412	JP20100225274 20101004	G21D3/04; G21D3/00	mitsubishi heavy ind ltd [JP]; FUJIMOTO HIROSHI	NUCLEAR POWER PLANT CONTROL SYSTEM AND NUCLEAR POWER PLANT CONTROL METHOD
JP2012075798 A 20120419	JP20100226009 20101005	A61B6/00; G01T1/17; G01T7/00; G06T1/00; G21K5/00; H04N5/225; H04N5/232; H04N5/32	FUJIFILM CORP [JP]	RADIOGRAPHIC IMAGING APPARATUS AND RADIOGRAPHIC IMAGING SYSTEM, IMAGE PROCESSING DEVICE, AND PROGRAM

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JP2012078309 A 20120419	JP20100226310 20101006	G01B7/00; G01B7/14; G01N27/72; G21C17/003	HITACHI GE NUCLEAR ENERGY LTD [JP]	POSITION DETECTION METHOD AND POSITION DETECTION DEVICE FOR STRUCTURE BY EDDY CURRENT PROBE
JP2012078315 A 20120419	JP20100226434 20101006	G21K1/04; G21K1/00; G21K5/08	HIGH ENERGY ACCELERATOR RES; TECHNO AP KK	FERMI CHOPPER ROTATION CONTROL DEVICE
JP2012078329 A 20120419	JP20100226712 20101006	G21F9/28	TOSHIBA CORP [JP]	RADIOACTIVE DECONTAMINATION METHOD AND DEVICE
US2012085922 A1 20120412	JP20100226943 20101006; JP20110067005 20110325	G21K5/08	YABU TAKAYUKI [JP]; SASAKI YOUICHI [JP]; KAKIZAKI KOUJI [JP]; WAKABAYASHI OSAMU [JP]	CHAMBER APPARATUS AND METHOD OF CONTROLLING MOVEMENT OF DROPLET IN THE CHAMBER APPARATUS
JP2012081475 A 20120426	JP20100226960 20101006	B23K11/00	mitsubishi heavy ind ltd [JP]	DISSIMILAR MATERIAL JOINT STRUCTURE
JP2012083113 A 20120426	JP20100226961 20101006	G21D3/00	MITSUBISHI HEAVY IND LTD [JP]	CONTROL DEVICE AND CONTROL METHOD
JP2012083114 A 20120426	JP20100226962 20101006	G21D3/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	COOLER OUTLET TEMPERATURE CONTROL DEVICE AND COOLER OUTLET TEMPERATURE CONTROL METHOD
JP2012083131 A 20120426	JP20100227483 20101007	G21C15/18	TOSHIBA CORP [JP]	LIQUID METAL-COOLED NUCLEAR REACTOR
JP2012083145 A 20120426	JP20100228045 20101008	G01T1/29; A61N5/10; G01T7/00; G21K1/093; G21K5/04	NATL INST RADIOLOGICAL SCIENCE	BEAM MEASURING APPARATUS AND MEASURING METHOD THEREFOR, AND BEAM TRANSPORTATION SYSTEM
WO2012046133 A2 20120412	JP20100228656 20101008; JP20110166434 20110729	G02B7/18	GIGAPHOTON INC [JP]; KAMEDA HIDENOBU [JP]; WAKABAYASHI OSAMU [JP]	MIRROR, MIRROR DEVICE, LASER APPARATUS, AND EXTREME ULTRAVIOLET LIGHT GENERATION APPARATUS

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JP2012083186 A 20120426	JP20100229385 20101012	G21K4/00; G01T1/20	KONICA MINOLTA MED & GRAPHIC [JP]	SCINTILLATOR PANEL AND RADIOACTIVE RAY IMAGE DETECTION DEVICE USING THE SAME
JP2012083200 A 20120426	JP20100229563 20101012	G21C7/16; G21C19/02	TOSHIBA CORP [JP]	WATER PRESSURE CONTROL UNIT AND INSTALLATION METHOD THEREOF
JP2012083226 A 20120426	JP20100229944 20101012	G21C9/00; B01D53/86; G21F9/02	TOSHIBA CORP [JP]	HYDROGEN REMOVAL DEVICE AND METHOD
WO2012049935 A1 20120419	JP20100230077 20101012	G21D3/04	mitsubishi heavy ind ltd [JP]; FUJIMOTO HIROSHI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; TANAKA YUICHI; KIUCHI SHINJI; SHIRASAWA HIROSHI	CONTROL SYSTEM FOR NUCLEAR POWER FACILITY
WO2012049936 A1 20120419	JP20100230078 20101012	G21D3/04	mitsubishi heavy ind ltd [JP]; FUJIMOTO HIROSHI; SHINOHARA HIRONOBU; AKIZUKI YASUTAKE; FUKUI TOSHIKI; TANAKA YUICHI; KIUCHI SHINJI; SHIRASAWA HIROSHI	NUCLEAR POWER FACILITY CONTROL SYSTEM
JP2012083251 A 20120426	JP20100230423 20101013	G01N17/00; G21C17/003	UNIV TOHOKU [JP]; TOHOKU ELECTRIC POWER CO	EVALUATION METHOD FOR EROSION PREDICTION
JP2012083255 A 20120426	JP20100230549 20101013	G21C19/32; G21F5/12; G21F9/36	HITACHI GE NUCLEAR ENERGY LTD [JP]	SPENT FUEL STORAGE CONTAINER AND RUST PREVENTION TREATMENT METHOD THEREFOR
JP2012083259 A 20120426	JP20100230636 20101013	G21C19/07; G21C19/20	CHUGOKU ELECTRIC POWER	STORAGE METHOD OF RADIOACTIVE WASTE
JP2012083268 A 20120426	JP20100230734 20101013	G21F9/36	SHIMIZU CONSTRUCTION CO LTD	APPARATUS AND METHOD FOR REMOVING BUFFER MATERIAL

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JP2012084437 A 20120426	JP20100230778 20101013	H01J35/18; G21K5/00; G21K5/02; H05G1/00	TOSHIBA CORP [JP]; TOSHIBA ELECTRON TUBES & AMP DEVICES CO LTD [JP]	X-RAY GENERATOR AND MANUFACTURING METHOD OF X-RAY GENERATOR
US2012093297 A1 20120419	JP20100231609 20101014	G21K1/06; G01D5/38	CANON KK [JP]	IMAGING APPARATUS
JP2012088087 A 20120510	JP20100232994 20101015	G21C17/06; G06Q50/06; G21C17/00; G21C19/18	TOSHIBA CORP [JP]	APPARATUS AND METHOD FOR MONITORING REPLACEMENT WORK OF FUEL OR THE LIKE IN PERIODICAL INSPECTION
JP2012088094 A 20120510	JP20100233168 20101016	G01N23/207; G21K1/06	RIGAKU DENKI CO LTD [JP]	X-RAY DIFFRACTION DEVICE
JP2012088101 A 20120510	JP20100233488 20101018	G21D1/00; G21D3/08	HITACHI GE NUCLEAR ENERGY LTD [JP]	FILM FORMING METHOD ON CONFIGURATION MEMBER OF NUCLEAR POWER PLANT
JP2012088102 A 20120510	JP20100233495 20101018	G21F9/30; G21F9/06	JAPAN ATOMIC ENERGY AGENCY [JP]; KAKEN KK	METHOD FOR COLLECTING BERYLLIUM RESOURCES FROM SPENT METALLIC BERYLLIUM
WO2012053368 A1 20120426	JP20100234512 20101019	A61B6/06; A61B6/00; G01T7/00; G21K1/02; G21K1/06	FUJIFILM CORP [JP]; KANEKO YASUHISA [JP]	GRID FOR RADIATION IMAGING, METHOD FOR MANUFACTURING SAME, AND RADIATION IMAGING SYSTEM
WO2012053459 A1 20120426	JP20100235490 20101020; JP20110172973 20110808	G01N23/04; G21K5/10	CANON KK [JP]; ITOH HIDENOSUKE [JP]; NAGAI KENTARO [JP]	IMAGING APPARATUS USING TALBOT INTERFERENCE AND ADJUSTING METHOD FOR IMAGING APPARATUS
EP2444975 A2 20120425	JP20100235949 20101020	G21C5/06; G21C19/19	MITSUBISHI HEAVY IND LTD [JP]	Fuel guide pin, fuel guide pin attachment method, core plate, and nuclear reactor
JP2012088234 A 20120510	JP20100236509 20101021	G21C19/07	MITSUBISHI HEAVY IND LTD [JP]	NUCLEAR FUEL STORAGE RACK

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WO2012053215 A1 20120426	JP20100236745 20101021	G21D1/00; F22B1/06; G21C15/247	TOSHIBA KK [JP]; KITAKA DAIGO [JP]; AIZAWA RIE [JP]; MARUYAMA SHIGEKI [JP]; JIMBO NOBORU [JP]; KITAJIMA YUKO [JP]; NISHIGUCHI YOHEI [JP]	COOLING DEVICE AND NUCLEAR STEAM SUPPLY SYSTEM
JP2012088251 A 20120510	JP20100236859 20101021	G21K1/06; A61N5/10; G01N23/222; G21K1/00	UNIV TOKYO METROPOLITAN; JAPAN AEROSPACE EXPLORATION; MITSUBISHI HEAVY IND LTD [JP]	NEUTRON OPTICAL SYSTEM
JP2012085971 A 20120510	JP20100237830 20101022	A61B6/03; G01T1/36; G21K1/00; G21K5/02	TOSHIBA CORP [JP]; TOSHIBA MEDICAL SYS CORP	X-RAY CT (COMPUTED TOMOGRAPHY) DEVICE
US2012099706 A1 20120426	JP20100238618 20101025	G01N23/201; C25D5/02; G21K1/00	FUJIFILM CORP [JP]	GRID FOR RADIOGRAPHY AND MANUFACTURING METHOD THEREOF, AND RADIATION IMAGING SYSTEM
JP2012093117 A 20120517	JP20100238620 20101025	G21K1/02; A61B6/00; A61B6/06; G01T7/00; G21K1/06	FUJIFILM CORP [JP]	GRID FOR PHOTOGRAPHING RADIATION IMAGE, MANUFACTURING METHOD THEREOF, AND RADIATION IMAGE PHOTOGRAPHING SYSTEM
EP2444977 A1 20120425	JP20100239019 20101025	G21C17/104	MITSUBISHI HEAVY IND LTD [JP]	Device for measuring temperature coefficient of moderator and method for measuring temperature coefficient of moderator
JP2012093181 A 20120517	JP20100239855 20101026	G21F9/30; E04G23/08; G21C19/02	TOSHIBA CORP [JP]; TOSHIBA PLANT SYS & SERVICES	REACTOR PRESSURE VESSEL DISMANTLEMENT METHOD AND DISMANTLEMENT EQUIPMENT
US2012099705 A1 20120426	JP20100240186 20101026	G21K1/06	FUJIFILM CORP [JP]	RADIOGRAPHIC APPARATUS AND RADIOGRAPHIC SYSTEM

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JP2012091199 A 20120517	JP20100240216 20101027	B23K31/00; B23K9/00; B23K9/028; B23K37/02; G21C19/02; G21D1/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	PREVENTIVE MAINTENANCE METHOD FOR PIPE WELDED PART
JP2012093228 A 20120517	JP20100240858 20101027	G21C19/02; B25J15/08; G21C17/003	TOSHIBA CORP [JP]	WORKING SYSTEM AND WORKING METHOD
JP2012093233 A 20120517	JP20100240918 20101027	G21F9/30; G21F3/00	TOSHIBA CORP [JP]; TOSHIBA PLANT SYS & SERVICES	RAY-SHIELDING EQUIPMENT
JP2012093241 A 20120517	JP20100241017 20101027	G21C3/328	GLOBAL NUCLEAR FUEL JP CO LTD	NUCLEAR FUEL ASSEMBLY
JP2012083321 A 20120426	JP20100241436 20101012	G21B1/15; G21G1/12	LASER GIJUTSU SOGO KENKYUSHO	TARGET SHAPE SIMULTANEOUSLY ATTAINING SUPPRESSION OF INITIAL GENERATION PLASMA AND CONVERGENCE OF HIGH-SPEED CHARGED PARTICLE
JP2012093264 A 20120517	JP20100241474 20101027	G21F1/10; G21F3/00	NIKKISO CO LTD; FUJIX LTD	RADIATION SHIELD COVER
JP2012093282 A 20120517	JP20100241958 20101028	G21C9/016	TOSHIBA CORP [JP]	CORE MELT HOLDING DEVICE
JP2012093283 A 20120517	JP20100241959 20101028	G21C19/44; G21C19/46	TOSHIBA CORP [JP]	SPENT FUEL REPROCESSING APPARATUS AND REPROCESSING METHOD
JP2012093284 A 20120517	JP20100241960 20101028	G21F9/12	TOSHIBA CORP [JP]	RADIOACTIVE EFFLUENT TREATMENT METHOD AND TREATMENT EQUIPMENT
JP2012093300 A 20120517	JP20100242350 20101028	G21F9/36	SHIMIZU CONSTRUCTION CO LTD	BURIAL METHOD OF RADIOACTIVE WASTE
JP2012093303 A 20120517	JP20100242400 20101028	G21G5/00	MITSUBISHI HEAVY IND LTD [JP]	NUCLIDE TRANSFORMATION METHOD

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JP2012093304 A 20120517	JP20100242401 20101028	G21F9/00; G21B3/00; G21D1/00; G21G7/00	mitsubishi heavy ind ltd [JP]	COBALT REDUCTION DEVICE AND COBALT REDUCTION METHOD
JP2012093324 A 20120517	JP20100242951 20101029	G21D3/04	HITACHI GE NUCLEAR ENERGY LTD [JP]	OPERATION CONTROLLER OF NUCLEAR POWER PLANT
JP2012098046 A 20120524	JP20100243351 20101029	G01T1/167; G01T1/20; G01T1/202; G01T1/24; G01T1/36; G21C17/06	HITACHI GE NUCLEAR ENERGY LTD [JP]	APPARATUS AND METHOD FOR MEASURING RADIOACTIVITY OF FUEL ASSEMBLY
US2012104290 A1 20120503	JP20100243619 20101029; JP20110192861 20110905	G21K5/00; H05H1/24	NISHISAKA TOSHIHIRO [JP]; WATANABE YUKIO [JP]; WAKABAYASHI OSAMU [JP]; HOSHINO HIDEO [JP]	EXTREME ULTRAVIOLET LIGHT GENERATION SYSTEM
JP2012108103 A 20120607	JP20100243780 20101029; JP20110203498 20110916	G21F1/06; G21F1/12	NIPPON ELECTRIC GLASS CO	RADIATION SHIELD SAFETY GLASS AND RADIATION SHIELD WINDOW
JP2012098076 A 20120524	JP20100244107 20101029	G21F9/16	IHI CORP [JP]	GLASS BEADS AND METHOD FOR VITRIFICATION USING THE SAME
JP2012098081 A 20120524	JP20100244289 20101029	G21C19/02	mitsubishi heavy ind ltd [JP]	WORKING FRAME UNIT AND METHOD FOR USING WORKING FRAME UNIT
US2012107748 A1 20120503	JP20100244366 20101029	G03F7/20; G21K5/00	CANON KK [JP]	DRAWING APPARATUS AND METHOD OF MANUFACTURING ARTICLE
JP2012098119 A 20120524	JP20100245321 20101101	G21C9/004; F22B37/22; G21D1/00	TOSHIBA CORP [JP]	MAIN STEAM HEADER OF NUCLEAR POWER PLANT
JP2012098120 A 20120524	JP20100245322 20101101	G21C19/02; B23K31/00	TOSHIBA CORP [JP]	METHOD FOR REPAIRING REACTOR CORE INTERNAL STRUCTURE OF NUCLEAR REACTOR

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JP2012098136 A 20120524	JP20100245747 20101102	G21C17/003; G21C17/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	MONITORING METHOD OF SAFETY VALVE IN NUCLEAR POWER PLANT
WO2012060380 A1 20120510	JP20100246403 20101102	B23Q15/00; G05B19/4155; G21C5/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; MICHISHITA YUKIO [JP]; KOBAYASHI TAKAAKI [JP]; MATSUBARA NARIYASU [JP]	MACHINING CONDITION SETTING SYSTEM, MACHINING CONDITION SETTING METHOD, AND MACHINED OBJECT WHICH IS MACHINED USING SAME
JP2012098172 A 20120524	JP20100246422 20101102	G21C19/307; G21D1/00; G21F9/04	TOKYO ELECTRIC POWER CO [JP]	DRAIN METHOD FOR ATOMIC POWER PLANT
JP2012099354 A 20120524	JP20100246442 20101102	H05H13/00; A61N5/10; G21K1/00; G21K5/02; H05H3/06; H05H6/00; H05H7/10	SUMITOMO HEAVY INDUSTRIES [JP]	PARTICLE ACCELERATOR AND BNCT DEVICE
JP2012098175 A 20120524	JP20100246506 20101102	G21K4/00; C23C14/24; G01T1/20; G01T1/202	SONY CORP	RADIATION DETECTION ELEMENT AND MANUFACTURING METHOD THEREOF, RADIATION DETECTION MODULE, AND RADIATION IMAGE DIAGNOSTIC DEVICE
JP2012098194 A 20120524	JP20100247034 20101104	G21C17/06; G21C3/02	MITSUBISHI HEAVY IND LTD [JP]	HEATING PLATE
JP2012098217 A 20120524	JP20100247735 20101104	G21D1/00; B24B27/00; B24B49/16; G21C7/113	TOSHIBA CORP [JP]	SURFACE TREATMENT DEVICE FOR CONTROL ROD OF NUCLEAR REACTOR, AND PROGRAM FOR THE SAME
JP2012097863 A 20120524	JP20100247736 20101104	F16L57/00; G21D1/00	TOSHIBA CORP [JP]	METHOD AND DEVICE FOR SUPPRESSING CRACK EXTENSION IN PIPE
JP2012098645 A 20120524	JP20100248182 20101105	G03B42/02; A61B6/00;	KONICA MINOLTA MED & GRAPHIC [JP]	RADIATION IMAGE READING SYSTEM

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		G03B42/04; G21K4/00		
JP2012099767 A 20120524	JP20100248556 20101105	H01L21/027; G01N29/14; G21K5/00; G21K5/02; H05G2/00	TOSHIBA CORP [JP]	SEMICONDUCTOR EXPOSURE DEVICE, SEMICONDUCTOR INSPECTION DEVICE, AND EXPOSURE DEVICE FAULT DIAGNOSIS SYSTEM
JP2012103005 A 20120531	JP20100248823 20101105	G01B5/30; G21C17/003	MITSUBISHI HEAVY IND LTD [JP]	DISPLACEMENT MEASUREMENT DEVICE
WO2012060233 A1 20120510	JP20100249090 20101105	G21C17/00; G05B9/02; G05B9/03	MITSUBISHI HEAVY IND LTD [JP]; HANADA SATOSHI; ITO KOJI	DEVICE FOR MONITORING OPERATION OF NUCLEAR POWER PLANT
US2012114091 A1 20120510	JP20100249543 20101108	G21C3/07; B21D31/00; C22C16/00; C22F1/18; C23F1/00; G21C3/336; G21C3/34	ISHIBASHI RYO [JP]; INAGAKI MASAHISA [JP]; SONEDA HIDEO [JP]; OKIZAKI NAOYA [JP]; NAKAMURA TOMOMI [JP]; TODAKA YOSHIKAZU [JP]; AZUMA HIROAKI [JP]; ADACHI NOZOMU [JP]; UMEMOTO MINORU [JP]	ZIRCONIUM ALLOY MATERIAL
WO2012063379 A1 20120518	JP20100250087 20101108	H01J5/02; G21K5/00; G21K5/02; H01J1/46; H01J7/24; H01J35/16; H05G1/04	LIFE TECHNOLOGY RES INST INC [JP]; ISHIGURO YOSHIHISA [JP]; HABA MASANORI [JP]	FIELD EMISSION APPARATUS AND HAND-HELD NONDESTRUCTIVE INSPECTION APPARATUS
JP2012103059 A 20120531	JP20100250539 20101109	G21C19/02; G21C17/003; G21F9/28	TOSHIBA CORP [JP]	NUCLEAR REACTOR OPERATION DEVICE AND NUCLEAR REACTOR OPERATION METHOD

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US2012115306 A1 20120510	JP20100251162 20101109	H01L21/02; G21K5/10; H01J3/14; H01J37/305	CANON KK [JP]	DEFLECTOR ARRAY, CHARGED PARTICLE BEAM DRAWING APPARATUS, DEVICE MANUFACTURING METHOD, AND DEFLECTOR ARRAY MANUFACTURING METHOD
WO2012063731 A1 20120518	JP20100251311 20101109	F22B37/26; F22B1/16; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; YAMASAKI MASATO	STEAM GENERATOR, METHOD FOR ASSEMBLING STEAM GENERATOR, AND MOVING DEVICES OF STEAM-WATER SEPARATOR
WO2012063662 A1 20120518	JP20100251312 20101109	F22B37/10; F22B1/16; F28F9/013; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; KANABUSHI TAKASHI; YAMASAKI MASATO; KAGAWA TAKASHI	METHOD FOR MANUFACTURING VAPOR GENERATOR, AND INSERTION JIG FOR RETENTION MEMBER
WO2012063661 A1 20120518	JP20100251313 20101109	F22B37/10; F22B1/16; F28F9/013; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]; KITAMURA KOSUKE; NAKAJIMA NOBUTAKA; KAGAWA TAKASHI	METHOD FOR PRODUCING STEAM GENERATOR
JP2012103086 A 20120531	JP20100251436 20101110	G21C7/26; G21D3/04; G21D3/08	HITACHI GE NUCLEAR ENERGY LTD [JP]	NUCLEAR REACTOR WATER-LEVEL CONTROL SYSTEM
JP2012103106 A 20120531	JP20100251913 20101110	G21C9/00	TOSHIBA CORP [JP]	COOLING DEVICE OF REACTOR CONTAINMENT VESSEL
JP2012103119 A 20120531	JP20100252129 20101110	G01N15/08; B01D53/68; G01M3/00; G01M3/20; G21F9/02	JAPAN ENVIRONMENT RES CO LTD [JP]	REMOVAL EFFECT MEASUREMENT SYSTEM
JP2012103120 A 20120531	JP20100252130 20101110	G01N15/08; B01D53/68; G01M3/00; G01M3/20; G21F9/02	JAPAN ENVIRONMENT RES CO LTD [JP]	REMOVAL EFFECT MEASUREMENT SYSTEM

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JP2012103145 A 20120531	JP20100252509 20101111	G21F9/30; B09B3/00; C08J11/16	TOSHIBA CORP [JP]	METHOD AND DEVICE FOR PROCESSING WASTE ION EXCHANGE RESIN
EP2453444 A1 20120516	JP20100252644 20101111	G21K5/04; H05H7/00	SUMITOMO HEAVY INDUSTRIES [JP]	Charged particle beam irradiation apparatus, charged particle beam irradiating method, and method of attaching and detaching transport line
WO2012063923 A1 20120518	JP20100252729 20101111	C04B35/80; C04B38/06; G21B1/13; G21C3/30; G21C7/10	UNIV KYOTO [JP]; HINOKI TATSUYA [JP]; PARK YI-HYUN [JP]	SIC CERAMIC MATERIAL AND SIC CERAMIC STRUCTURE, AND PRODUCTION METHOD FOR SAME
JP2012103164 A 20120531	JP20100252985 20101111	G21C5/00; G21C7/28	TOSHIBA CORP [JP]	CORE OF FAST REACTOR
JP2012103180 A 20120531	JP20100253374 20101112	G21C7/11; G21C7/113	HITACHI GE NUCLEAR ENERGY LTD [JP]	CONTROL ROD
JP2012107876 A 20120607	JP20100254740 20101115	G21C3/33; G21C3/324	HITACHI GE NUCLEAR ENERGY LTD [JP]	FUEL ASSEMBLY
JP2012107381 A 20120607	JP20100254852 20101115	E04H9/14; E04B1/92; G21F9/36	CHUGOKU ELECTRIC POWER	RADIOACTIVE WASTE STORAGE BUILDING
JP2012107884 A 20120607	JP20100254853 20101115	G21F9/28; D06F95/00; G21C13/00	CHUGOKU ELECTRIC POWER	BUILDING FOR RADIATION-RELATED FACILITY
JP2012107888 A 20120607	JP20100254897 20101115	G21C17/00; G21C17/003	CHUGOKU ELECTRIC POWER	DATA COLLECTION APPARATUS
JP2012107915 A 20120607	JP20100255489 20101116	G21F9/30; G21F9/02	TODEN KOGYO CO LTD; JAPAN ENVIRONMENT RES CO LTD [JP]	BUBBLE COLLECTION DEVICE
WO2012066710 A1 20120524	JP20100255815 20101116	G21C15/18	TOSHIBA KK [JP]; SATO TAKASHI [JP]	EMERGENCY REACTOR CORE COOLING SYSTEM, AND BOILING-WATER NUCLEAR POWER PLANT

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JP2012107928 A 20120607	JP20100255834 20101116	G21C3/328; G21C3/30	TOSHIBA CORP [JP]	FUEL ASSEMBLY AND SUPER-CRITICAL PRESSURE NUCLEAR REACTOR
EP2453285 A1 20120516	JP20100256138 20101116	G02B21/06; G02B21/00; G02B27/00; G02B27/42; G21K1/00	OLYMPUS CORP [JP]	Illumination optical system
WO2012066956 A1 20120524	JP20100256281 20101116	B23K9/00; B23K9/28; B23K37/00; G21C7/14; G21C19/02; G21C19/20	mitsubishi heavy ind ltd [JP]; INOUE SHIZUO	WELDING JIG AND WELDING DEVICE FOR CONTROL ROD DRIVE DEVICE HOUSING
JP2012107960 A 20120607	JP20100256320 20101116	G21K4/00; A61B6/00; G01T1/20	CANON KK [JP]	SCINTILLATOR, RADIATION DETECTION DEVICE, AND RADIOLOGICAL IMAGING APPARATUS
US2012119109 A1 20120517	JP20100256958 20101117	G21K5/08	KOREA BASIC SCIENCE INST [KR]	SPECIMEN HOLDER WITH 3-AXIS MOVEMENT FOR TEM 3D ANALYSIS
JP2012107991 A 20120607	JP20100257104 20101117	G01N29/28; G01N29/04; G21C17/003	IHI CORP [JP]	ULTRASONIC FLAW DETECTOR
JP2012108000 A 20120607	JP20100257229 20101117	G21F9/02; B01J23/44	TOSHIBA CORP [JP]	CATALYST FOR RECOMBINER OF RADIOACTIVE GASEOUS WASTE TREATMENT FACILITY AND MANUFACTURING METHOD THEREOF
JP2012108006 A 20120607	JP20100257409 20101118	G21D1/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	STRUCTURE OF MAIN STEAM PIPE OF NUCLEAR POWER PLANT
JP2012108014 A 20120607	JP20100257495 20101118	G21F9/28; B08B3/04	HITACHI GE NUCLEAR ENERGY LTD [JP]	CHEMICAL DECONTAMINATION METHOD

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JP2012108059 A 20120607	JP20100258443 20101119	G21C17/003	HITACHI GE NUCLEAR ENERGY LTD [JP]	PERFORMANCE EVALUATION METHOD OF RECOMBINER AND PERFORMANCE EVALUATION DEVICE THEREOF
JP2012108073 A 20120607	JP20100258816 20101119	G21F9/28; B08B9/02	TOSHIBA CORP [JP]	DECONTAMINATION METHOD AND DECONTAMINATION DEVICE
EP2455646 A2 20120523	JP20100259162 20101119	F16L41/08; G21C7/12; G21C13/032	MITSUBISHI HEAVY IND LTD [JP]	Joint structure
JP2012113066 A 20120614	JP20100260635 20101122	G03B42/02; G21K4/00	RIGAKU DENKI CO LTD [JP]	RADIATION IMAGE READING DEVICE, FILM-LIKE HOLDER, AND METHOD FOR READING RADIATION IMAGE
JP2012112765 A 20120614	JP20100261198 20101124	G21D3/08; F01D25/00; F01D25/04; G21D1/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	PLANT WITH PIPELINE HAVING NOZZLE STUB AND NUCLEAR POWER PLANT WITH BOILING WATER REACTOR
JP2012112768 A 20120614	JP20100261280 20101124	G21C3/326; G21C5/00; G21C7/27; G21C17/10	GLOBAL NUCLEAR FUEL JP CO LTD	NUCLEAR FUEL ASSEMBLY AND REACTOR CORE USING THE SAME
JP2012112769 A 20120614	JP20100261297 20101124	G21F9/12; G21F9/02	CYCLOCHEM KK; UNIV KUMAMOTO; UNIV TOKYO [JP]; UNIV TOKUSHIMA	MATERIAL FOR RECOVERING RADIOACTIVE SUBSTANCE
JP2012112797 A 20120614	JP20100262012 20101125	G21F9/16	TOSHIBA CORP [JP]	METHOD AND APPARATUS FOR TREATING RADIOACTIVE WASTE LIQUID
JP2012112804 A 20120614	JP20100262143 20101125	G21D1/00; G21C15/18	TOKYO ELECTRIC POWER CO [JP]	COOLING FACILITY FOR NUCLEAR POWER PLANT
JP2012112590 A 20120614	JP20100262285 20101125	F28D7/16; F22B1/16; F28D1/06; G21D1/00	TOSHIBA CORP [JP]	STEAM GENERATOR, AND NUCLEAR POWER PLANT

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JP2012112820 A 20120614	JP20100262537 20101125	G21F9/36	TOSHIBA CORP [JP]	FALLING OBJECT SPEED REDUCTION DEVICE
JP2012112834 A 20120614	JP20100262738 20101125	G21C19/32; G21F5/10; G21F9/36	TOSHIBA CORP [JP]	FUEL ASSEMBLY STORING METHOD AND FUEL ASSEMBLY STORAGE BODY
JP2012112841 A 20120614	JP20100262768 20101125	G21C3/328; G21C3/326; G21C3/62	TOSHIBA CORP [JP]	FUEL ASSEMBLY AND FUEL ROD
JP2012112862 A 20120614	JP20100263321 20101126	G21C17/06	TOSHIBA CORP [JP]	METHOD AND APPARATUS FOR MEASURING BURN-UP DISTRIBUTION OF FUEL ASSEMBLY
JP2012112881 A 20120614	JP20100263801 20101126	G01T1/161; B01J20/02; B01J20/26	JAPAN ATOMIC ENERGY AGENCY [JP]; ART KAGAKU KK	INORGANIC POLYMER-BASED MOLYBDENUM ADSORBENT AND METHOD FOR MANUFACTURING THE SAME
US2012134472 A1 20120531	JP20100263812 20101126	G01N23/20; B32B37/02; B32B37/10; B32B37/12; B32B37/14; B32B38/00; B32B38/10; G21K1/02	FUJIFILM CORP [JP]	GRID FOR RADIOGRAPHY AND MANUFACTURING METHOD THEREOF, AND RADIATION IMAGING SYSTEM
JP2012112893 A 20120614	JP20100263985 20101126	G21C7/16	HITACHI PLANT TECHNOLOGIES LTD	PIPE SUPPORT, ATTACHMENT FIXTURE OF PIPE SUPPORT AND ATTACHMENT METHOD OF PIPE SUPPORT
JP2012112914 A 20120614	JP20100264486 20101129	G01N23/04; G21K1/06	HITACHI LTD [JP]	X-RAY IMAGING APPARATUS AND X-RAY IMAGING METHOD

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JP2012119062 A 20120621	JP20100264724 20101129	H05H6/00; A61N5/10; G21K5/08; H05H3/06; H05H9/00	HIGH ENERGY ACCELERATOR RES	COMPOSITE TARGET, NEUTRON GENERATING METHOD USING COMPOSITE TARGET, AND NEUTRON GENERATOR USING COMPOSITE TARGET
WO2012073966 A1 20120607	JP20100264724 20101129; JP20110048187 20110304; JP20110113950 20110520; JP20110192030 20110902	H05H6/00; A61N5/10; G21K5/08; H05H3/06; H05H9/00	KEK HIGH ENERGY ACCELERATOR [JP]; MATSUMOTO HIROSHI [JP]; KOBAYASHI HITOSHI [JP]; YOSHIOKA MASAKAZU [JP]	COMBINED-TYPE TARGET, NEUTRON GENERATING METHOD USING COMBINED-TYPE TARGET, AND NEUTRON GENERATING APPARATUS USING COMBINED-TYPE TARGET
JP2012119065 A 20120621	JP20100264833 20101129	H01J27/24; A61N5/10; G21K5/04; H01J37/08; H05H1/24; H05H15/00	JAPAN ATOMIC ENERGY AGENCY [JP]	ION ACCELERATION METHOD, ION ACCELERATION DEVICE, ION BEAM IRRADIATION DEVICE AND MEDICAL ION BEAM IRRADIATION DEVICE
JP2012117820 A 20120621	JP20100264896 20101129	G21C13/02; G21C13/00	TOSHIBA CORP [JP]	STUD BOLT FOR FIXING CORE SUPPORT PLATE, AND INSTALLING METHOD OF CORE SUPPORT PLATE
WO2012073411 A1 20120607	JP20100264968 20101129	G21C9/00; G21C13/00	TOSHIBA KK [JP]; SATO TAKASHI [JP]	NUCLEAR REACTOR CONTAINMENT VESSEL AND NUCLEAR POWER PLANT
US2012134459 A1 20120531	JP20100265011 20101129	G21C17/06	TADOKORO TAKAHIRO [JP]; KITAGUCHI HIROSHI [JP]; UENO KATSUNORI [JP]; IWATA YUTAKA [JP]; KIMURA RYUSUKE [JP]	GAMMA SCANNING APPARATUS

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WO2012073545 A1 20120607	JP20100265093 20101129	C25D5/02; C25D7/00; C25D7/12; G21K1/06; H01L21/768	CANON KK [JP]; WANG SHINAN [JP]; NAKAMURA TAKASHI [JP]; TESHIMA TAKAYUKI [JP]; SETOMOTO YUTAKA [JP]; WATANABE SHINICHIRO [JP]	METHOD OF MANUFACTURING AN X-RAY DIFFRACTION GRATING MICROSTRUCTURE FOR IMAGING APPARATUS
JP2012117851 A 20120621	JP20100265894 20101130	G21C15/25; G21C15/253	HITACHI GE NUCLEAR ENERGY LTD [JP]	JET PUMP OF BOILING-WATER REACTOR
JP2012117857 A 20120621	JP20100266062 20101130	G21C15/16	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM SEPARATOR
JP2012117859 A 20120621	JP20100266069 20101130	G21C17/032; G21C17/02	HITACHI GE NUCLEAR ENERGY LTD [JP]	NUCLEAR REACTOR HEAT OUTPUT MONITOR
JP2012117917 A 20120621	JP20100267938 20101201	G21C15/16	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM SEPARATION FACILITY FOR NUCLEAR REACTOR
JP2012117921 A 20120621	JP20100268029 20101201	G21C3/30	GLOBAL NUCLEAR FUEL JP CO LTD	MULTISTAGE-TYPE FOREIGN MATTER FILTER
JP2012117922 A 20120621	JP20100268030 20101201	G21C19/26; G21C3/30; G21C19/02	GLOBAL NUCLEAR FUEL JP CO LTD	DEVICE FOR PREVENTING FALL OF FOREIGN MATTER
JP2012117923 A 20120621	JP20100268031 20101201	G21C3/33	GLOBAL NUCLEAR FUEL JP CO LTD	LOWER TIE PLATE OF A FUEL ASSEMBLY
JP2012117924 A 20120621	JP20100268040 20101201	G21F9/30	TODEN KOGYO CO LTD; KOYO KK	METHOD AND DEVICE FOR TEARING TUBE USED IN NUCLEAR POWER PLANT OR THE LIKE
JP2012117946 A 20120621	JP20100268931 20101202	G21C13/00; G21C19/02; G21C19/32; G21D1/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	NUCLEAR REACTOR BUILDING OF NUCLEAR POWER PLANT
JP2012115886 A 20120621	JP20100269554 20101202	B23K26/34; G21C19/02	TOSHIBA CORP [JP]	METHOD FOR WELDING STRUCTURE
JP2012117980 A 20120621	JP20100269661 20101202	G21D3/08	TOSHIBA CORP [JP]	PRESSURE PULSATION SUPPRESSION DEVICE FOR PIPING AND NUCLEAR POWER PLANT

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JP2012116997 A 20120621	JP20100269887 20101203	C08J11/14; C08J11/12; G21F9/30	NGK INSULATORS LTD	METHOD FOR VOLUME-DECREASE TREATMENT OF HARD-TO-DECOMPOSE WASTE, AND APPARATUS FOR VOLUME-DECREASE TREATMENT
JP2012117990 A 20120621	JP20100269898 20101203	G21K1/04; G21K1/02	SHIMADZU CORP	SLIT DEVICE
JP2012118012 A 20120621	JP20100270341 20101203	G21C3/30	NUCLEAR FUEL IND LTD [JP]	DEBRIS FILTER
WO2012073461 A1 20120607	JP20100270341 20101203; JP20110073062 20110329	G21C3/30; B01D29/01; B01D39/10	NUCLEAR FUEL IND LTD [JP]; OWAKI MASAO [JP]; KAWANO TOMOMI [JP]; KUBO YUICHIRO [JP]; MIZUTANI YOSHITAKA [JP]; OZAKI TETSUHIRO [JP]	DEBRIS FILTER
JP2012122630 A 20120628	JP20100271540 20101206	F28D1/06; F22B1/16; F28D1/047; G21D1/00	TOSHIBA CORP [JP]	STEAM GENERATOR
EP2461328 A1 20120606	JP20100271920 20101206	G21C3/326; G21C3/328; G21C7/00; G21C7/04	mitsubishi heavy ind ltd [JP]	Nuclear fuel rod and nuclear fuel assembly
JP2012122516 A 20120628	JP20100272308 20101207	F16L55/18; G21C19/02	IHI CORP [JP]	METHOD OF SEPARATING AND CONNECTING PIPING, AND PIPING CONNECTION STRUCTURE
JP2012122803 A 20120628	JP20100272659 20101207	G21F9/36; G21C19/06	IHI CORP [JP]	GLASS SOLIDIFIED BODY STORING FACILITY

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WO2012077558 A1 20120614	JP20100272779 20101207	H01J1/312; F24F7/00; G02F1/13357; G03G15/02; G21K1/00; G21K5/04; H01J9/02; H01J31/12; H01J63/06	SHARP KK [JP]; KANEKO TOSHIHIRO; IWAMATSU TADASHI; NAGAOKA AYAE	ELECTRON EMISSION ELEMENT, ELECTRON EMISSION DEVICE, CHARGE DEVICE, IMAGE FORMING DEVICE, ELECTRON RADIATION CURING DEVICE LIGHT-EMITTING DEVICE, IMAGE DISPLAY DEVICE, BLOWER DEVICE, COOLING DEVICE, AND MANUFACTURING METHOD FOR ELECTRON EMISSION ELEM
JP2012122818 A 20120628	JP20100273083 20101208	G21C19/07; B65D90/22	HITACHI GE NUCLEAR ENERGY LTD [JP]	SLOSHING PREVENTION DEVICE OF FUEL STORAGE POOL
JP2012122824 A 20120628	JP20100273303 20101208	G01N21/84; G01N21/954; G21C17/003; G21C17/08	IHI CORP [JP]; IHI INSPECTION & INSTRUMENTATION CO LTD	UNDERWATER VISUAL INSPECTION DEVICE
JP2012122855 A 20120628	JP20100274027 20101208	G21C7/14; G21C7/10	JAPAN ATOMIC ENERGY AGENCY [JP]; MITSUBISHI FBR SYSTEMS INC	TEMPERATURE SETTING METHOD FOR RELEASING REACTOR CONTROL ROD
JP2012122885 A 20120628	JP20100274711 20101209	G21C9/00	IHI CORP [JP]	COOLING FACILITY FOR REACTOR CONTAINMENT VESSEL
JP2012122886 A 20120628	JP20100274712 20101209	G21C9/00; G21C13/00	IHI CORP [JP]	COOLING STRUCTURE OF REACTOR CONTAINMENT VESSEL
JP2012122887 A 20120628	JP20100274713 20101209	G21C13/00; G21C9/00	IHI CORP [JP]	COOLING STRUCTURE OF REACTOR CONTAINMENT VESSEL
JP2012122888 A 20120628	JP20100274714 20101209	G21F9/32; C10B53/00; F23G5/027; F23G7/00	IHI CORP [JP]	REPLACEMENT APPARATUS OF SCREW SHAFT IN GASIFICATION APPARATUS
JP2012122889 A 20120628	JP20100274715 20101209	G21F9/32; F23G5/027; F23G7/00	IHI CORP [JP]	GASIFIER

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EP2463864 A2 20120613	JP20100275120 20101209	G21C7/08; G21C7/12; G21C7/36; G21C9/02; G21C9/027	MITSUBISHI HEAVY IND LTD [JP]; MITSUBISHI ELECTRIC CORP [JP]	Nuclear reactor shutdown system
JP2012122929 A 20120628	JP20100275563 20101210	G21C17/06	TOSHIBA CORP [JP]	METHOD AND APPARATUS FOR EVALUATING NONDESTRUCTIVE BURNUP OF REACTOR FUEL
JP2012122937 A 20120628	JP20100275649 20101210	G21C3/328; G21C3/326	NUCLEAR FUEL IND LTD [JP]	FUEL ASSEMBLY FOR BOILING WATER REACTOR
EP2462953 A1 20120613	JP20100275738 20101210	A61L2/08; G21K5/04; H01J37/30	SHIBUYA KOGYO CO LTD [JP]	Electron beam sterilizer
JP2012122958 A 20120628	JP20100275904 20101210	G21C17/00	TOSHIBA CORP [JP]	SOUNDNESS CONFIRMATION SYSTEM AND SOUNDNESS CONFIRMATION METHOD OF SAFETY PROTECTION MEASURING DEVICE
EP2463527 A2 20120613	JP20100276188 20101210	F04F5/54; F16L55/16; G21C15/25; G21C17/017	TOSHIBA KK [JP]	Jet pump measurement pipe repair method
JP2012121124 A 20120628	JP20100276206 20101210	B23P11/02; G21C19/20	IHI CORP [JP]	INSTALLATION TOOL AND METHOD
WO2012081232 A1 20120621	JP20100277043 20101213	G21C15/02; G21C13/02	TOSHIBA KK [JP]; IWAKI CHIKAKO [JP]; IKEDA TATSUMI [JP]; YAMAMOTO TETSUZO [JP]; WATANABE MASANOBU [JP]; ABE SATORU [JP]; UCHIDA KEN [JP]; SATO HISAKI [JP]; OKUDA KEN [JP]; ITO KIICHI [JP]	PRESSURE WATER REACTOR

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WO2012081449 A1 20120621	JP20100277203 20101213	G21C13/024	mitsubishi heavy ind ltd [JP]; shimizu hiroschi [JP]; fuji moto ryo [JP]; mori kentaro [JP]; okamoto hiromu [JP]; sekimoto hisashi [JP]; iseki hiroyuki [JP]	STRUCTURE FOR SUPPORTING NUCLEAR REACTOR VESSEL AND METHOD FOR BUILDING STRUCTURE FOR SUPPORTING NUCLEAR REACTOR VESSEL
US2012148029 A1 20120614	JP20100277949 20101214	G21K1/10; B21D39/03	FUJIFILM CORP [JP]	GRID FOR USE IN RADIATION IMAGING, METHOD FOR PRODUCING THE SAME, AND RADIATION IMAGING SYSTEM
WO2012081554 A1 20120621	JP20100279671 20101215	G05B23/02; G06Q50/06; G06Q50/10; G21C17/00; G21D3/04	TOSHIBA KK [JP]; SHIGEYAMA MUSASHI; KURAHASHI KAZUNOBU; Ooba CHIHIRO; YAMAMOTO AKIO	OPERATION MANAGEMENT SUPPORT DEVICE OF POWER PLANT
US2012156623 A1 20120621	JP20100281404 20101217	G03F7/20; G21K5/00	RENESAS ELECTRONICS CORP [JP]	SEMICONDUCTOR DEVICE MANUFACTURING METHOD, EXPOSURE METHOD FOR EXPOSURE APPARATUS, EXPOSURE APPARATUS, AND LIGHT SOURCE FOR EXPOSURE APPARATUS
WO2012081387 A1 20120621	JP20100282233 20101217	A61B6/00; G01N23/20; G21K1/06	CANON KK [JP]; YAMAGUCHI KIMI AKI [JP]; DEN TORU [JP]	X-RAY IMAGING APPARATUS
JP2012122980 A 20120628	JP20100285103 20101206	G21B1/00; G21B3/00	FUJIWARA MINORU	FRONTAL COLLISION TYPE NUCLEAR FUSION REACTOR
US2012163535 A1 20120628	JP20100285385 20101222; JP20110191911 20110902	G01N23/04; B23P6/00; G21K1/00	FUJIFILM CORP [JP]	GRID FOR RADIOGRAPHY AND REPAIRING METHOD THEREOF, AND RADIATION IMAGING SYSTEM

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US2012163554 A1 20120628	JP20100286767 20101222	G21K1/10	FUJIFILM CORP [JP]	RADIOLOGICAL IMAGE DETECTION APPARATUS, RADIOGRAPHIC APPARATUS AND RADIOGRAPHIC SYSTEM
WO2012026222 A1 20120301	JP20110015504 20110127; JP20100188428 20100825	G01T7/00; A61B6/00; G21K1/00; G21K1/06	FUJIFILM CORP [JP]; KANEKO YASUHISA [JP]	GRID FOR CAPTURING RADIATION IMAGE, METHOD FOR MANUFACTURING SAME, AND RADIATION IMAGE CAPTURING SYSTEM
WO2012011499 A1 20120126	JP20110017452 20110131; JP20100239591 20101026; JP20100162874 20100720	G21G7/00; G21B3/00	ISHIKAWA YASUO [JP]; MIZUNO TADAHIKO [JP]	NUCLEAR TRANSFORMATION METHOD AND NUCLEAR TRANSFORMATION DEVICE
WO2012039295 A1 20120329	JP20110040004 20110225; JP20110040009 20110225; JP20110040007 20110225; JP20110040006 20110225; JP20100280561 20101216; JP20100235468 20101020; JP20100213808 20100924	E04B1/14; E04B1/16; E04B1/30; E04B1/48; E04B2/86; G21C13/00	mitsubishi heavy ind ltd [JP]; SHIMIZU HIROSHI [JP]; OKAMOTO HIROMU [JP]; FUJIMOTO RYO [JP]; ISEKI HIROYUKI [JP]; SEKIMOTO HISASHI [JP]	ACCESSORY ATTACHING STRUCTURE, DESIGN SYSTEM AND DESIGN METHOD OF STEEL PLATE REINFORCED CONCRETE STRUCTURE, CONSTRUCTION METHOD OF STEEL PLATE REINFORCED CONCRETE STRUCTURE, AND STEEL PLATE REINFORCED CONCRETE STRUCTURE
WO2012008369 A1 20120119	JP20110081254 20110331; JP20100159682 20100714	G21C1/02; G21C15/02	MITSUBISHI HEAVY IND LTD [JP]; KUNISHIMA SHIGERU [JP]; SHIMIZU RYO [JP]	NUCLEAR REACTOR CONTAINMENT STRUCTURE AND NUCLEAR REACTOR OPERATION METHOD

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JP2012021979 A 20120202	JP20110134912 20110617	G21D3/04; G21C9/00	OTA YUKIO	ASEISMATIC/Tsunami-RESISTANT EMERGENCY POWER GENERATION FACILITY FOR NUCLEAR POWER PLANT
JP2012015113 A 20120119	JP20110154407 20110713; JP20010211532 20010712; JP20010262641 20010831	H01J37/20; G01B15/00; G01B15/04; G01N23/00; G01Q30/06; G01Q30/18; G01Q30/20; G21K7/00; H01J37/21; H01J37/22; H01J37/28; H01L21/66	HITACHI LTD [JP]	ELECTRON BEAM ADJUSTING METHOD, CHARGED PARTICLE OPTICAL SYSTEM CONTROL DEVICE AND SCANNING ELECTRON MICROSCOPE
WO2012070411 A1 20120531	JP20110164557 20110727; JP20100263689 20101126	B01D45/08; F22G3/00; G21C15/16	MITSUBISHI HEAVY IND LTD [JP]; NISHIURA KENSUKE [JP]; FUJITA ISSAKU [JP]; KASAHARA JIRO [JP]	MOISTURE SEPARATION DEVICE
JP2012027030 A 20120209	JP20110173868 20110809	G21D3/08; G21C19/307; G21D1/00	TOSHIBA CORP [JP]	CORROSION INHIBITION METHOD FOR PLANT AND PLANT
JP2012002819 A 20120105	JP20110177409 20110815	G21C23/00; G21C17/00; G21C19/42	JAPAN ATOMIC ENERGY AGENCY [JP]	SIMULATION METHOD OF TRU ALLOY FUEL MANUFACTURING PROCESS
JP2012017148 A 20120126	JP20110185266 20110826	B65B55/08; B65B55/04; B65B57/00; G21K5/04; G21K5/10	MITSUBISHI HEAVY IND LTD [JP]	ELECTRON BEAM STERILIZATION SYSTEM
JP2012002821 A 20120105	JP20110185440 20110829	G21F9/36; G21C19/06	HITACHI GE NUCLEAR ENERGY LTD [JP]	RADIOACTIVE SUBSTANCE STORAGE METHOD AND STORAGE FACILITY

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JP2012002823 A 20120105	JP20110188276 20110831	G21C19/06; G21F5/00; G21F9/36	HITACHI GE NUCLEAR ENERGY LTD [JP]; RECYCLABLE FUEL STORAGE CO	METHOD AND FACILITY FOR EVALUATING EARTHQUAKE-PROOF SAFETY OF STORAGE CONTAINER
JP2012047762 A 20120308	JP20110191648 20110902; JP20110268515 20111208	G21C13/024	OTA YUKIO	SEISMIC ISOLATION AND TSUNAMI RESISTANCE MECHANISM FOR NUCLEAR POWER PLANT
JP2012062747 A 20120329	JP20110220242 20111004	E02B9/00; B01D19/00; C02F1/00; C02F1/20; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	FOAM PREVENTION DEVICE
JP2012052409 A 20120315	JP20110220243 20111004	E02B9/00; C02F1/00; E02B5/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	FOAM PREVENTION DEVICE
JP2012050843 A 20120315	JP20110233185 20111024	A61N5/10; G21K5/04	SUMITOMO HEAVY INDUSTRIES [JP]	ACCELERATED PARTICLE IRRADIATION EQUIPMENT
JP2012055701 A 20120322	JP20110233191 20111024	A61N5/10; G21K5/00; G21K5/04	SUMITOMO HEAVY INDUSTRIES [JP]	ACCELERATED PARTICLE IRRADIATION EQUIPMENT
JP2012061465 A 20120329	JP20110237555 20111028	B01D53/04; B01D53/02; B01J20/04; B01J20/34; G21C19/44	HITACHI GE NUCLEAR ENERGY LTD [JP]	GAS REFINING METHOD
JP2012047757 A 20120308	JP20110258463 20111128	G21C17/035; G21C19/07	TOSHIBA CORP [JP]	USED FUEL POOL WATER MONITORING DEVICE
JP2012047758 A 20120308	JP20110264025 20111201	G21C17/06	TOSHIBA CORP [JP]	SOUNDNESS EVALUATION METHOD AND DEVICE FOR USED FUEL
JP2012102603 A 20120531	JP20110270788 20111212	E04H5/02	HITACHI LTD [JP]; HITACHI PLANT TECHNOLOGIES LTD	MODULE STRUCTURE

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JP2012103260 A 20120531	JP20110275774 20111216	G21G1/10; G21G1/12; H05H1/24; H05H3/06; H05H6/00; H05H15/00	CENTRAL RES INST ELECT; UNIV OF MICHIGAN	METHOD AND APPARATUS FOR INDUCING NUCLEAR REACTION
JP2012088330 A 20120510	JP20110282813 20111226	G21F9/30	TOSHIBA CORP [JP]	METHOD FOR TREATING USED ION-EXCHANGE RESIN
JP2012063369 A 20120329	JP20110288157 20111228	G21C7/113; G21C7/24	TOSHIBA CORP [JP]	CONTROL ROD FOR NUCLEAR REACTOR
JP2012108140 A 20120607	JP20120000135 20120104	G21F3/00; G03B42/02	TARUNO KAZUO	X-RAY CAMERA RADIATION DISPERSION PREVENTION PANEL DEVICE WITHOUT REQUIRING FOSSIL FUELS
JP2012083366 A 20120426	JP20120016453 20120130	G21C19/20	HITACHI GE NUCLEAR ENERGY LTD [JP]	CONTROL ROD HANDLING METHOD AND CONTROL ROD HANDLING APPARATUS
JP2012098311 A 20120524	JP20120039360 20120224	G21C19/40; G21C17/06	TOSHIBA CORP [JP]	CRITICALITY SAFETY MANAGEMENT METHOD OF CONTINUOUS DISSOLVER IN NUCLEAR REPROCESSING FACILITIES
JP2012108158 A 20120607	JP20120047623 20120305	G21K4/00; G01T1/20	FUJIFILM CORP [JP]	RADIOGRAPHIC IMAGE DETECTOR
JP2012112977 A 20120614	JP20120051566 20120308	G21C15/16; B01D45/08	HITACHI GE NUCLEAR ENERGY LTD [JP]	STEAM DRYER
JP2012123020 A 20120628	JP20120068558 20120326	G21C19/20	HITACHI GE NUCLEAR ENERGY LTD [JP]; HITACHI PLANT TECHNOLOGIES LTD	MOTOR CONVEYANCE METHOD OF INTERNAL PUMP
AT556412T T 20120515	KR20060136677 20061228	G21C7/20; F16F9/18; F16F9/48	KOREA ATOMIC ENERGY RES [KR]	VORRICHTUNG ZUR FALLABSORPTION EINES STEUERSTABES IN EINEM KERNKRAFTREAKTOR

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KR20120000132U U 20120104	KR20100006865U 20100629	G21C19/00; G21D1/04		Korea Standard Nuclear Power Plant Type Reactor Coolant Pump Seal handling device
KR20120001630U U 20120308	KR20100009016U 20100830	G21F3/02		Radiation Interception Vest
KR200457770Y Y1 20120102	KR20100009885U 20100920	G21F9/28; G21F9/30		Device for preventing clog of radioactive waste supply pipe
KR20120000372 A 20120102	KR20100060701 20100625	G21F7/00; G21F7/005	KOREA ADVANCED INST SCI & TECH [KR]	RADIOACTIVE RAYS SHIELDING DEVICE AND RADIOACTIVE RAYS SHIELDING DOOR USING THERE OF
KR20120001316 A 20120104	KR20100062049 20100629	G21F9/00; G21F9/28	NAM GUNG IHN [KR]	THE RADIOACTIVE WASTE SEALED DISPOSAL METHOD
KR20120001413 A 20120104	KR20100062174 20100629	G21C15/00; G21C13/02	KOREA HYDRO & NUCLEAR POWER CO [KR]	A FLOW MIXING DEVICE TO MITIGATE THERMAL STRATIFICATION IN PIPE
KR20120002357 A 20120105	KR20100063191 20100630	G21K1/04; A61B6/08; G01N23/04; G21K5/04	KOREA ELECTROTECH RES INST [KR]	X-RAY COLLIMATOR
KR20120003319 A 20120110	KR20100064102 20100702	B01J39/14; C01B33/36; C02F1/42; G21F9/16	KYUNGPOOK NAT UNIV IND ACAD [KR]	A METHOD FOR PREPARING SELECTIVITY ENHANCED SILICOTITANATE
KR20120005210 A 20120116	KR20100065833 20100708	G21C3/17; G21C17/06; G21C19/303	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	COLLECTION APPARATUS OF RETAINED FISSION GAS WHICH WAS RELEASED BY DISSOLUTION OF A SPENT FUEL
US2012008730 A1 20120112	KR20100066762 20100712	G21F5/008	CHANG HUNG SOON [KR]; HWANG CHANG HWAN [KR]; KIM DEUK YEON [KR]; CHOI JAE SOON [KR]; HWANG WEON CHAN [KR]; SHIN SE YONG [KR]; KIM YOUNG HOON [KR]	LID FRAME FOR NUCLEAR FUEL ASSEMBLY SHIPPING CONTAINER AND SHIPPING CONTAINER FOR NUCLEAR FUEL ASSEMBLIES

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US2012008729 A1 20120112	KR20100066765 20100712	G21F5/008	CHANG HUNG SOON [KR]; HWANG CHANG HWAN [KR]; KIM DEUK YEON [KR]; CHOI JAE SOON [KR]; HWANG WEON CHAN [KR]; SHIN SE YONG [KR]; KIM YOUNG HOON [KR]	LID FRAME FOR NUCLEAR FUEL ASSEMBLY SHIPPING CONTAINER AND SHIPPING CONTAINER FOR NUCLEAR FUEL ASSEMBLIES
KR20120006788 A 20120119	KR20100067442 20100713	G21F9/06	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	THE EQUIPMENT FOR THE REMOVAL OF ADHERED SALT FROM URANIUM DEPOSITS USING INERT GAS PULSE AND THE METHOD THEREOF
US2012012761 A1 20120119	KR20100068197 20100715	G21K5/00	KOREA ELECTRONICS TELECOMM [KR]	HIGH-POWER PULSE-SIGNAL RADIATION SYSTEM
KR20120008278 A 20120130	KR20100069047 20100716	G21F3/04	KOREA ATOMIC ENERGY RES [KR]	AIR ACTIVATION REDUCTION METHOD USING MOVABLE SHIELDING BLOCK IN BEAM TARGET ROOM
US2012012760 A1 20120119	KR20100069153 20100716	G21K5/10	LEE WON-KYU [KR]; JIN SEONG-HYUN [KR]; OH JAE-HWAN [KR]; CHANG YOUNG-JIN [KR]; CHOI JAE-BEOM [KR]	Laser irradiation apparatus
KR101105439B B1 20120117	KR20100069433 20100719	G21C17/06	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	NONDESTRUCTIVE MEASUREMENT METHOD AND APPARATUS OF THE WEIGHT OF URANIUM IN A COMPACT WITH TRISO-COATED FUEL PARTICLES USING STEREOSCOPIC 3D IMAGE
KR20120008709 A 20120201	KR20100069680 20100719	G21F9/28; G21C19/02	HANKOOK JUNGSOO IND CO LTD [KR]	Cleaning Method of Steam Generator
WO2012011730 A2 20120126	KR20100070516 20100721	F01K27/00; F22B33/18; G21C3/00	JEONG HUI GYUN [KR]	SYSTEM FOR GENERATING AUXILIARY POWER USING EXCESS STEAM FROM INCREASED OUTPUT OF A GENERATOR

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KR20120009014 A 20120201	KR20100070634 20100721	E02B9/04; E02B5/08; G21D1/00	JI HYO KEUN [KR]	A Processing system of the Seawater
KR101103800B B1 20120106	KR20100071760 20100726	G21C13/028; G21C17/07	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	APPARATUS FOR SEALING NUCLEAR REACTOR CAVITY
KR101100849B B1 20120102	KR20100071974 20100726	G21C17/06; G21C17/112	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	APPARATUS FOR THERMAL LOAD SIMULATION OF IRRADIATION TEST ROD FOR TRISO PARTICLE FUELS
KR20120010444 A 20120203	KR20100071990 20100726	G21C17/06	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	Apparatus for impact test of nuclear fuel assembly
KR101107095B B1 20120130	KR20100074109 20100730	G21C17/06; G01N21/25	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	DEVICE FOR QUANTITATIVE ON-SITE DETERMINATION OF URANIUM CHLORIDE IN HIGH TEMPERATURE MOLTEN SALTS
KR20120013504 A 20120215	KR20100075493 20100805	G06F13/10; G21D3/00	KOREA ATOMIC ENERGY RES [KR]	A CONTROL UNIT HAVING REAL-TIME SELF- DIAGNOSIS FUNCTIONS FOR DIGITAL SAFETY SYSTEMS OF NUCLEAR POWER PLANTS
KR20120013706 A 20120215	KR20100075864 20100806	G21F9/30; G21F9/32	KOREA ATOMIC ENERGY RES [KR]	Apparatus for transferring combustible ?-wastes
KR20120013765 A 20120215	KR20100075976 20100806	G21C3/00; G06F11/00	POSCO ICT CO LTD [KR]	Apparatus for Controlling Nuclear Power Generation and Method for Transmitting or Receiving Data of That Apparatus
KR101103980B B1 20120106	KR20100076237 20100809	G21D1/00; H02K15/00	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	A BOTTOM SEAL CASING ROTATION DEVICE
KR20120021568 A 20120309	KR20100076458 20100809	G21F9/30	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	THE EQUIPMENT OF REMOVAL RARE EARTH IN THE EUTECTIC AND THE METHOD THEREOF
KR20120014654 A 20120220	KR20100076749 20100810	G21C19/32; G21F5/008	KONES [KR]	TRANSPORT CASK FOR SPENT FUEL BASKET

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KR20120014656 A 20120220	KR20100076751 20100810	G21C19/32; G21F5/008	KONES [KR]	TRANSPORT CASK FOR SPENT FUEL BASKET HAVING SPECIFIC UPPER SHAPE
WO2012020874 A1 20120216	KR20100077639 20100812	G21C15/18; G21C19/307	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; BHI CO LTD [KR]; KIM SANG-YEOL [KR]; KIM HYEONG-TEAK [KR]; KIM CHANG-HYUN [KR]; LEE SANG-WON [KR]; WOO JONG-IN [KR]	STRAINER WALL STRUCTURE INCLUDING PLURALITY OF CURVED PORTIONS, METHOD FOR MANUFACTURING STRAINER WALL STRUCTURE, AND METHOD FOR FILTERING USING STRAINER WALL STRUCTURE
WO2012020875 A1 20120216	KR20100077640 20100812	G21C15/18; G21C19/307	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; BHI CO LTD [KR]; KIM SANG-YEOL [KR]; KIM HYEONG-TEAK [KR]; KIM CHANG-HYUN [KR]; LEE SANG-WON [KR]; WOO JONG-IN [KR]	DEVICE FOR STRAINER FILTERING INCLUDING FILTERING TUBE
KR20120015568 A 20120222	KR20100077754 20100812	G21K1/06; H05H3/06	KOREA ATOMIC ENERGY RES [KR]	A NEUTRON POLARIZING CAVITY USING DOUBLE A POLARIZING NEUTRON MIRROR
KR20120021657 A 20120309	KR20100077762 20100812	G21K1/06	KOREA ATOMIC ENERGY RES [KR]	HALF WAVELENGTH BEAM SUPPRESSION METHOD USING A MULTILAYER AND APPARATUS THEREOF
WO2012021045 A2 20120216	KR20100078330 20100813	G01N33/60; A61K51/00; G01N33/52; G21H5/00	NAT CANCER CT [KR]; KIM SEOK KI [KR]; KANG SE HUN [KR]; KIM SEO IL [KR]; KIM YOUNG SANG [KR]; BAEK NAM SUK [KR]; NOH JIN HEE [KR]	SENTINEL LYMPH NODE MARKER CAPABLE OF MULTI-MODE IMAGING
KR20120015856 A 20120222	KR20100078346 20100813	G21C19/34	KOREA ATOMIC ENERGY RES [KR]	CLAMPING APPARATUS FOR DISMANTLING NUCLEAR FUEL UNDERWATER

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KR20120018626 A 20120305	KR20100081587 20100823	G21F3/02; G21F3/035	AJ CO LTD [KR]	RADIATION PROTECTION CLOTH
KR20120018653 A 20120305	KR20100081626 20100823	G01T1/16; G01T3/08; G21C17/10	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	A RADIATION DETECTING DEVICE TO MEASURE THE GAMMA-RAY AND NEUTRON DISCRIMINATELY
KR20120019156 A 20120306	KR20100082369 20100825	G21C17/003; G21C17/08	UMI CO LTD [KR]	APPARATUS TO INSPECT OUTER SURFACE OF THE METAL CONTAINMENT VESSEL OF NUCLEAR POWER PLANTS
KR20120019224 A 20120306	KR20100082508 20100825	G21C17/017; G21C17/013	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	HEAT PIPE INSPECTION ROBOT OF STEAM GENERATION FOR NUCLEAR POWER GENERATION
KR20120019589 A 20120307	KR20100082864 20100826	G21C7/14; G21C17/10	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	MAINTENANCE TOOL FOR A NUCLEAR ATOMIC REACTOR ADJUSTER
KR20120019853 A 20120307	KR20100083390 20100827	G21C17/10; G21C17/112; G21C19/02	WOOJIN INC [KR]	APPARATUS FOR TREATING OF THE IN-CORE INSTRUMENT ASSEMBLY AND THE METHOD THEREOF
WO2012030131 A2 20120308	KR20100083749 20100830	G21G4/02; G21B1/23	UNIV DANKOOK IACF [KR]; CHOI JAE HO [KR]	APPARATUS FOR GENERATING PYROELECTRIC CRYSTAL NEUTRONS BY RADIANT HEAT
KR20120020484 A 20120308	KR20100084118 20100830	G21C17/017	KOREA ATOMIC ENERGY RES [KR]	SENSOR GUIDING APPARATUS FOR THE INSPECTION OF INNER PART OF HELICAL TYPE TUBE
KR20120020859 A 20120308	KR20100084753 20100831	G06F9/44; G06F9/30; G21D3/00	POSCO ICT CO LTD [KR]	APPARATUS FOR CONTROLLING NUCLEAR POWER GENERATION AND METHOD FOR UPDATING DATA OF THAT APPARATUS
KR20120020864 A 20120308	KR20100084760 20100831	G21D3/00; G05B23/02; G06F17/40	POSCO ICT CO LTD [KR]	APPARATUS FOR CONTROLLING NUCLEAR POWER GENERATION AND METHOD FOR RECEIVING DATA OF THAT APPARATUS

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KR20120020867 A 20120308	KR20100084765 20100831	G06F15/167; G06F15/163; G06F17/40; G21D3/04	POSCO ICT CO LTD [KR]	CONTROLLER WITH DOUBLE STRUCTURE AND METHOD FOR OPERATING THAT CONTROLLER
US2012048462 A1 20120301	KR20100084893 20100831	B32B37/02; B32B37/12; B32B37/14; G21F3/00	SAMSUNG MOBILE DISPLAY CO LTD [KR]	Mask for Hardening Sealant and Method of Manufacturing Flat Display Device Using the Mask
KR20120021043 A 20120308	KR20100085077 20100831	G06F15/163; G06F9/44; G06F13/14; G21D3/00	POSCO ICT CO LTD [KR]	CONTROLLER WITH DOUBLE STRUCTURE AND METHOD FOR OPERATING THAT CONTROLLER
US2012051978 A1 20120301	KR20100085730 20100901	G21C1/01	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	PREFABRICATED VOL-OXIDIZER FOR SPENT NUCLEAR FUEL FOR CONVENIENT OPERATION AND MAINTENANCE
KR101102145B B1 20120102	KR20100085832 20100902	G21C17/00; F04D7/08	KOREA HYDRO & NUCLEAR POWER CO [KR]	MECHANICAL SEAL LEAK TEST FACILITY OF THE REACTOR COOLANT PUMP THRUST BEARING ASSEMBLY
KR20120023866 A 20120314	KR20100085887 20100902	G21C23/00; G21C17/02	KIM SANG HEE [KR]	LOCA TEST CHAMBER SYSTEM
KR20120022415 A 20120312	KR20100085996 20100902	G21C15/02; G21C13/02	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	PRESSURE VESSEL COOLING DEVICE
US2012056108 A1 20120308	KR20100086541 20100903	G21K5/00	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	SURFACE MODIFICATION METHOD OF FLUOROPOLYMERS BY ELECTRON BEAM IRRADIATION AND THE FABRICATION OF SUPERHYDROPHOBIC SURFACES USING THE SAME
KR20120024224 A 20120314	KR20100087006 20100906	G21C3/33; G21C15/06	KOREA ADVANCED INST SCI & TECH [KR]	FUEL ASSEMBLY WITH LATCH CONNECTION STRUCTURE

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KR20120025105 A 20120315	KR20100087283 20100907	G21C17/02; G21C15/18	KOREA HYDRO & NUCLEAR POWER CO [KR]	TEST DEVICE FOR HEAD LOSS OF FILTER AND TEST METHOD THEREOF
KR20120025183 A 20120315	KR20100087408 20100907	G21C17/06; G01B7/28; G21C3/07	AJOU UNIV IND ACAD COOP FOUND [KR]	ZIRCONIUM TUBE TESTING APPARATUS AND TUBE TESTING METHOD THE SAME
KR101103496B B1 20120109	KR20100087409 20100907	G21C17/017; F28F11/00	AJOU UNIV IND ACAD COOP FOUND [KR]	HEAT TRANSFER TUBE FOR DEFECT REPAIR METHOD OF HEAT EXCHANGER
KR20120025239 A 20120315	KR20100087513 20100907	G21C19/34; G21C19/44	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	PNEUMATIC TYPE SLITTING DEVICE FOR FUEL RODS
KR20120025245 A 20120315	KR20100087528 20100907	F04D29/10; F04D13/02; F04D29/00; G21F7/015	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	FAN SYSTEM FOR SEALING OF ARGON CELL
US2012063964 A1 20120315	KR20100088445 20100909	G21C1/00	JUNG DONG HYUN [KR]; LEE SEUNG JAE [KR]; LEE JOON RO [KR]; LEE BEOM JAE [KR]; JEON KYEONG LAK [KR]; SUH JUNG MIN [KR]; KIM KEUN MIN [KR]; OH MYOUNG HO [KR]; JEONG DOO LAE [KR]; JOO NAM KYU [KR]	APPARATUS FOR PRODUCING U3O8 POWDER
US2012063559 A1 20120315	KR20100088447 20100909	G21C17/00; G21C19/00	SON SE IK [KR]; KIM HYUNG SUP [KR]; KIM SEOK BONG [KR]; JUNG HAE GYOON [KR]; KIM YONG TAE [KR]; HAN GAB JIN [KR]	CLAMPING JIG AND SYSTEM FOR MEASURING SPACER GRIDS FOR NUCLEAR FUEL ASSEMBLY
KR101121319B B1 20120309	KR20100090113 20100914	G21D3/04; G06F13/14	POSCO ICT CO LTD [KR]	CONTROLLER AND METHOD FOR TRANSMITTING AND RECEIVING DATA OF THAT CONTROLLER
KR20120028522 A 20120323	KR20100090418 20100915	G21D3/04	POSCO ICT CO LTD [KR]	CONTROLLER AND METHOD FOR FILTERING PULSE SIGNAL OF THAT CONTROLLER

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US2012061571 A1 20120315	KR20100090495 20100915	H01L31/16; G21K5/02	SAMSUNG ELECTRO MECH [KR]	LASER NAVIGATION MODULE
KR20120028584 A 20120323	KR20100090521 20100915	H05H13/00; G21K1/00	SUMITOMO HEAVY INDUSTRIES [JP]; NAT CANCER CT [JP]	IRRADIATION CONTROL APPARATUS OF CHARGED PARTICLE RAY AND IRRADIATION METHOD OF CHARGED PARTICLE RAY
US2012064793 A1 20120315	KR20100090614 20100915	H01J9/26; G21K5/00	SAMSUNG MOBILE DISPLAY CO LTD [KR]	LASER IRRADIATION APPARATUS AND METHOD FOR SEALING ORGANIC LIGHT EMITTING DIODE USING THE LASER IRRADIATION APPARATUS
US2012063562 A1 20120315	KR20100090732 20100915	G21C3/34	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	DUAL-COOLED FUEL ROD'S SPACER GRIDS WITH UPPER AND LOWER CROSS-WAVY-SHAPE DIMPLE
KR20120029499 A 20120327	KR20100091090 20100916	B63H21/18; B63J1/00; B63J3/02; G21C1/00	SAMSUNG HEAVY IND [KR]	SHIP PRODUCING ELECTRICITY AND WATER USING NUCLEAR REACTOR
KR20120029677 A 20120327	KR20100091622 20100917	G21C17/017; G01M3/00; G21D3/08	KOREA HYDRO & NUCLEAR POWER CO [KR]	A WEAR LIFE EVALUATION METHOD FOR PLUGGED TUBE IN STEAM GENERATOR
KR20120029694 A 20120327	KR20100091665 20100917	G21C7/22; G21C7/10	KOREA HYDRO & NUCLEAR POWER CO [KR]	REACTIVITY CONTROL DEVICE OF NUCLEAR REACTOR BY VARIING LIQUID LEVEL
KR20120029823 A 20120327	KR20100091901 20100917	G21D3/04; G21C17/10	KOREA HYDRO & NUCLEAR POWER CO [KR]	POWER CONTROL METHOD FOR REACTOR
KR20120030191 A 20120328	KR20100091957 20100917	G21D5/00; F17C9/02	SAMSUNG HEAVY IND [KR]	LNG TREATMENT SYSTEM USING NUCLEAR ENERGY

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WO2012039521 A1 20120329	KR20100092634 20100920	G21F9/28; B09B3/00	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; CHO HYUN-JE [KR]; KIM DEUK-MAN [KR]; KIM CHUN-WOO [KR]; PARK JONG-GIL [KR]; CHOI YOUNG-BU [KR]	APPARATUS AND METHOD FOR THE GRANULATION OF RADIOACTIVE WASTE, AND VITRIFICATION METHOD USING SAME
KR20120030287 A 20120328	KR20100092638 20100920	G21C17/017; G21D3/04	KOREA HYDRO & NUCLEAR POWER CO [KR]	POWER DISTRIBUTION PREDICTION METHOD FOR CANDU
KR20120030844 A 20120329	KR20100092643 20100920	G21C17/108; G21C7/26	KOREA HYDRO & NUCLEAR POWER CO [KR]	FLUX TILT CONTROL PHASING FACTOR CONTROL METHOD FOR LIQUID ZONE CONTROL SYSTEM
KR20120032081 A 20120405	KR20100093515 20100928	G21C17/00; G01B11/14; G01B11/16	KOREA ELECTRIC POWER CORP [KR]	APPARATUS FOR STRUCTURAL INTEGRITY TEST OF NUCLEAR POWER PLANT CONTAINMENT STRUCTURE
KR20120032089 A 20120405	KR20100093524 20100928	G21F9/30; C02F11/14; F22B37/48	UNIV SOONCHUNHYANG IND ACAD CO [KR]	CLEANING METHOD FOR REMOVING DEPOSITED SLUDGE
KR101116500B B1 20120228	KR20100093664 20100928	G21C15/02; G21C19/02	YOON YEO SUNG [KR]	THERMAL SLEEVE CUTTING DEVICE FOR A NUCLEAR POWER PLANT
KR20120032174 A 20120405	KR20100093665 20100928	G21C17/10; G21C17/112	KOREA HYDRO & NUCLEAR POWER CO [KR]	AN ESTIMATION METHOD OF FUEL ROD MOLTEN MASS IN HORIZONTAL CHANNEL TYPE REACTOR
KR20120032587 A 20120406	KR20100093992 20100929	G21C13/024; E04B1/98	KOREA ELECTRIC POWER CORP [KR]	IMPACT ATTENUATOR SYSTEM FOR CONTAINMENT BUILDING OF NUCLEAR POWER PLANT
KR20120033409 A 20120409	KR20100094905 20100930	G21C17/035; G21D3/14	KOREA HYDRO & NUCLEAR POWER CO [KR]	METHOD AND APPARATUS FOR CONTROL EQUIPMENT OF STEAM GENERATOR OF NUCLEAR POWER PLANT WITH INVADDED PROCESS MEASUREMENT ACCURACY COMPENSATION

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KR101107037B B1 20120125	KR20100094907 20100930	G21C17/07; G01M3/00; G01M13/00	KOREA HYDRO & NUCLEAR POWER CO [KR]	APPARATUS FOR END-LOADING TEST OF ACTIVE POWER OPERATED VALVES
KR20120033596 A 20120409	KR20100095195 20100930	G21C17/017; G21C17/06	KOREA HYDRO & NUCLEAR POWER CO [KR]	BUNDLE POSITION-WISE LINEAR MODEL FOR THE ESTIMATION OF PRESSURE TUBE CREEP OF CANDU REACTORS
KR20120033599 A 20120409	KR20100095199 20100930	G01B11/06; G01B11/16; G21C13/028	KOREA HYDRO & NUCLEAR POWER CO [KR]	DEVICE AND METHOD FOR MEASURING WEAR THICKNESS OF PUMP MECHANICAL SEAL
KR101104648B B1 20120116	KR20100095317 20100930	G21C3/30; G21C3/326	KEPCO NUCLEAR FUEL CO LTD [KR]	PILGER DIE, PILGER MANDREL, THE MANUFACTURING METHOD THEREOF, AND DASHPOT TUBE FOR NUCLERA FUEL ASSEMBLY
KR20120034975 A 20120413	KR20100096399 20101004	G21C19/18; G21C23/00; G21D3/04	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	SIMULATOR FOR NUCLEAR FUEL CRANE
KR20120034977 A 20120413	KR20100096403 20101004	G01T1/16; G21C17/00	KOREA HYDRO & NUCLEAR POWER CO [KR]	A REALISTIC PHANTOM TO EVALUATE INTERNAL DOSIMETRY FOR THE WORKERS OF NUCLEAR POWER PLANTS
KR101103131B B1 20120104	KR20100096930 20101005	G21D3/04; G08B29/02; H02J11/00	KOREA HYDRO & NUCLEAR POWER CO [KR]	MONITORING DEVICE FOR STANDBY DIESEL GENERATOR OF NUCLEAR POWER STATION AND MONITORING METHOD THEREOF
KR20120038091 A 20120423	KR20100099647 20101013	G21C9/02; G21C15/02	KOREA HYDRO & NUCLEAR POWER CO [KR]	ACCIDENT MITIGATION APPARATUS FOR LARGE BREAK LOSS OF COOLANT IN NUCLEAR REACTOR COOLANT SYSTEM

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KR20120038108 A 20120423	KR20100099674 20101013	G21C17/02; G21C7/22	KOREA HYDRO & NUCLEAR POWER CO [KR]	Method and apparatus for automatic regulation of the boron concentration in the coolant of a pressurized water reactor
KR20120038638 A 20120424	KR20100100192 20101014	G21C15/18; G21C17/02	KOREA HYDRO & NUCLEAR POWER CO [KR]	SAFETY INJECTION TANK USING FLASHING PROCESS UNDER DEPRESSURIZATION FOR PRESSURIZED WATER REACTORS
WO2012050262 A1 20120419	KR20100100697 20101015	G21D3/04; G05B19/406; G05B23/02	KOREA ELECTRIC POWER CORP [KR]; SEO IN-YONG [KR]; HA BOK- NAM [KR]; LEE SUNG-WOO [KR]; SHIN CHANG-HOON [KR]; PARK MIN-HO [KR]	METHOD AND SYSTEM FOR MONITORING THE PERFORMANCE OF PLANT INSTRUMENTS USING FFVR AND GLRT
KR20120039161 A 20120425	KR20100100698 20101015	G21C7/22; G21C17/112	KOREA HYDRO & NUCLEAR POWER CO [KR]	APPARATUS FOR AUTOMATIC CONTROL OF BORON CONCENTRATION OF A NUCLEAR REACTOR
KR101134356B B1 20120419	KR20100101555 20101018	G21C17/00; G01B5/30	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	APPARATUS FOR MEASURING CONCENTRICITY AND FLATNESS
KR20120040324 A 20120427	KR20100101665 20101019	G21F5/00; G21F9/02	KOREA HYDRO & NUCLEAR POWER CO [KR]	HANDLING VESSEL FOR TRITIUM
US2012098149 A1 20120426	KR20100102397 20101020	G21C21/00	YANG JAE-HO [KR]; KIM KEON- SIK [KR]; SONG KUN-WOO [KR]; KIM JONG-HUN [KR]; RHEE YOUNG-WOO [KR]; KIM DONG- JOO [KR]; RYU CHILL-SUN [KR]	METHOD OF CONTROLLING SOLUBILITY OF ADDITIVES AT AND NEAR GRAIN BOUNDARIES, AND METHOD OF MANUFACTURING SINTERED NUCLEAR FUEL PELLET HAVING LARGE GRAIN SIZE USING THE SAME
KR20120040997 A 20120430	KR20100102541 20101020	G21C19/32; G21F5/015	KYUNGPOOK NAT UNIV IND ACAD [KR]	RADIOISOTOPE DISTRIBUTION APPARATUS

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KR20120041021 A 20120430	KR20100102581 20101020	G21F9/28; C08J11/02	INNDIS D & AMP I [KR]	AN APPARATUS FOR REMOVING PAINT OF RADIOACTIVE CONTAMINATED METAL SURFACE AND RECYCLING ORGANIC SOLVENT
US2012100703 A1 20120426	KR20100103059 20101021	H01L21/265; G21K5/10; H01J49/28	SAMSUNG MOBILE DISPLAY CO LTD [KR]	ION IMPLANTATION SYSTEM AND ION IMPLANTATION METHOD USING THE SAME
KR101109140B B1 20120224	KR20100104080 20101025	G21C17/013; F22B37/00	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	FINGER GRIP TYPE HEAT PIPE INSPECTION ROBOT OF STEAM GENERATION
US2012106693 A1 20120503	KR20100104658 20101026; KR20110079032 20110809	G21C1/02; C21D8/00; C22C38/02; C22C38/44; C22C38/46; C22C38/48; C22C38/54; G21C1/00	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	HIGH Cr FERRITIC/MARTENSITIC STEELS HAVING AN IMPROVED CREEP RESISTANCE FOR IN-CORE COMPONENT MATERIALS IN NUCLEAR REACTOR, AND PREPARATION METHOD THEREOF
KR101107840B B1 20120131	KR20100104693 20101026	G21F9/28; F22B37/48	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	THE COMMON LANCING EQUIPMENT FOR STEAM GENERATOR IN NUCLEAR POWER PLANT
US2012099101 A1 20120426	KR20100104962 20101026	G01N21/88; G21K5/00	SAMSUNG ELECTRONICS CO LTD [KR]	Gantry Apparatus
KR20120043938 A 20120507	KR20100105248 20101027	G21C3/07; C22C16/00	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	A DUAL-COOLED ANNULAR NUCLEAR FUEL ROD AND THE FABRICATION METHOD THEREOF
KR20120044563 A 20120508	KR20100105900 20101028	G21C17/06; G01D5/22	KOREA ATOMIC ENERGY RES [KR]	RADIATION RESISTANT LVDT FOR MEASURING THE PRESSURE
KR101141778B B1 20120503	KR20100106023 20101028	G21C19/20; G21C19/18	KEPCO ENGINEERING & AMP CONSTRUCTION COMPANY INC [KR]	NUCLEAR FUEL TRANSFER TUBE BLIND FLANGE CLAMPING DEVICE

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KR20120045319 A 20120509	KR20100106782 20101029	G21D3/04; G21C17/06	KOREA HYDRO & NUCLEAR POWER CO [KR]	BORON DILUTION ACCIDENT ALARM SYSTEM USING CUSUM(CUMULATIVE SUM) CONTROL CHART AND METHOD THEREOF
KR101137814B B1 20120418	KR20100106953 20101029	G21C17/028; G21C17/032	KOREA ATOMIC ENERGY RES [KR]	A SIMULATOR FOR EVALUATING QUANTITATIVELY DISTRIBUTION OF BYPASS FLOW IN PRISMATIC MODULAR VERY HIGH TEMPERATURE REACTOR CORE
WO2012060562 A2 20120510	KR20100108597 20101103	G01J5/08; G01K13/02; G21C17/02; G21C17/112	UNIV SOONCHUNHYANG IND ACAD CO [KR]; PARK BYUNG GI [KR]; LEE BONG SOO [KR]; YOO WOOK JAE [KR]	INSERTION TYPE INFRARED OPTICAL FIBER PROBE FOR MEASURING TEMPERATURE OF NUCLEAR REACTOR COOLING SYSTEM, AND TEMPERATURE MEASURING SYSTEM USING SAME
WO2012060563 A2 20120510	KR20100108599 20101103	G01N21/80; G21C17/02	UNIV SOONCHUNHYANG IND ACAD CO [KR]; PARK BYUNG GI [KR]; LEE BONG SOO [KR]; YOO WOOK JAE [KR]	OPTICAL FIBER PROBE FOR MEASURING PH IN NUCLEAR REACTOR COOLING SYSTEM AND PH MEASURING SYSTEM USING SAME
KR20120047530 A 20120514	KR20100109150 20101104	G21F9/02; G21F5/008	KOREA ATOMIC ENERGY RES [KR]; KOREA BASIC SCIENCE INST [KR]	VERTICAL TYPE TRITIUM STORAGE VESSEL FOR NUCLEAR FUSION FACILITIES
KR20120048808 A 20120516	KR20100110182 20101108	G21C19/02; G21C7/10; G21C17/10	KOREA ACCELERATOR & AMP PLASMA RES ASS [KR]	CONTROLLED NEUTRON FLUX CASCADE SHOWER DEVICE AND METHOD THEREOF
KR20120049660 A 20120517	KR20100111036 20101109	G21F9/28; G21F9/30	KOREA ATOMIC ENERGY RES [KR]	AN ABRASIVE BLASTING APPARATUS FOR DECONTAMINATING THE INNER SURFACE OF CONTAMINATED BUNDLE TUBES IN STEAM GENERATOR

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KR101138560B B1 20120510	KR20100111349 20101110	G21C13/02; F22B37/10	KOREA ATOMIC ENERGY RES [KR]	SUPPORT APPARATUS FOR HELICAL HEAT TUBES OF STEAM GENERATOR IN NUCLEAR PLANT AND THE ASSEMBLYING METHOD
KR20120053771 A 20120529	KR20100115057 20101118	G21C19/34; G21C19/365	KOREA ATOMIC ENERGY RES [KR]	APPARATUS AND METHOD FOR REMOVING NUCLEAR FUEL CLADDING TUBES
KR101135612B B1 20120417	KR20100115683 20101119	G21B1/11	KOREA BASIC SCIENCE INST [KR]	PLASMA FACING COMPONENTS CLOSED TYPE NITROGEN GAS BAKING SYSTEM
US2012128113 A1 20120524	KR20100115992 20101122	G21C19/19; G21C19/02; G21C19/07	PARK BYEONG TAEK [KR]; JUNG SUK HWAN [KR]	REMOTE CONTROL SYSTEM FOR THE FUEL HANDLING SYSTEM OF NUCLEAR POWER PLANT
KR20120055203 A 20120531	KR20100116807 20101123	G21F9/28; G21C17/08; H04N5/225	KOREA ATOMIC ENERGY RES [KR]	ABRASIVE BLASTING DECONTAMINATION NOZZLE REMOTE CONTROL SYSTEM AND MULTI-TUBULES CIRCLE CENTER MEASURING METHOD THEREOF
KR20120055231 A 20120531	KR20100116846 20101123	G21F9/02; G21C19/303	KOREA NUCLEAR ENGINEERING CO LTD [KR]	TRITIUM REMOVAL SYSTEM IN EXHAUST LINE OF NUCLEAR POWER PLANT
KR20120055233 A 20120531	KR20100116848 20101123	G21F9/02	KOREA NUCLEAR ENGINEERING CO LTD [KR]	MOVING TYPE TRITIUM REMOVAL SYSTEM
KR101145703B B1 20120524	KR20100117265 20101124	G21F1/12; B32B15/08	ENA INDUSTRY CO LTD [KR]	RADIATION SHIELD SHEET
KR101145704B B1 20120524	KR20100117281 20101124	G21F1/12; B32B15/08	ENA INDUSTRY CO LTD [KR]	RADIATION SHIELD SHEET MANUFACTURING METHOD
KR20120056073 A 20120601	KR20100117595 20101124	B63B35/44; G21C1/00; G21C13/00		Nuclear plant in ocean

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KR20120056452 A 20120604	KR20100117999 20101125	G21F9/28; G21C17/08		Abrasive blasting decontamination Multi-Nozzle control apparatus and system thereof
KR20120058925 A 20120608	KR20100120454 20101130	G21F5/008; G21C19/32		An internal transfer apparatus for basket of hot-cell cask
KR20120058927 A 20120608	KR20100120456 20101130	G21F9/28; B23K26/04		Laser blasting decontamination nozzle remote control apparatus, method and system thereof
KR20120058939 A 20120608	KR20100120471 20101130	G21F9/28; G21F1/10		Biobarrier to retard the spreading of radionuclides from the ground radwaste storage
KR101122627B B1 20120309	KR20100120472 20101130	G21F9/24; G21F1/10	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	VERTICAL BIOBARRIER TO RETARD THE MIGRATION OF RADIONUCLIDES FROM THE UNDERGROUND RADWASTE STORAGE
KR20120058973 A 20120608	KR20100120519 20101130	B63H21/18; B63H21/08; B63J3/02; G21C1/00		A ship with SMART
KR20120059079 A 20120608	KR20100120693 20101130	G21F7/005; G21C19/32		TRAY FOR REPLACEMENT OF HOT CELL FILTER
KR20120059140 A 20120608	KR20100120773 20101130	G01N27/90; G21C17/017		Tube defects monitoring method during post weld heat treatment for nuclear steam generator
KR101129465B B1 20120328	KR20100121775 20101202	G21C17/032; G21C17/035	WOOJIN INC [KR]	A LEVEL MEASURING THERMOCOUPLE FOR TWO-PHASE FLUID AND MANUFACTURING METHOD THEREOF
KR20120060579 A 20120612	KR20100122160 20101202	B63H21/18; B63H25/42; B63J3/02; G21C1/00		A drillship with SMART

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KR20120060580 A 20120612	KR20100122161 20101202	B63H21/18; B63J3/02; B63J99/00; G21C1/00		A vessel with SMART for furnishing utilities
KR101131126B B1 20120326	KR20100124006 20101207	G21F5/008; G01M3/00; G01N3/30; G21C17/007	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD [KR]	COMPLEX TEST FACILITY OF RADIOACTIVE MATERIAL PACKAGE
KR101136752B B1 20120419	KR20100124213 20101207	G21C17/003; G21C17/013	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	ULTRASONIC TESTING APPARATUS FOR STEAM GENERATOR TUBE
KR101101975B B1 20120103	KR20100124306 20101207	G21C3/30; G21C3/62	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	ADVANCED FUEL BUNDLE IN CANDU REACTOR
KR20120063228 A 20120615	KR20100124320 20101207	G21C17/01; G21C17/013	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	LOADING APPARATUS OF STEAM GENERATION INSPECTION ROBOT
KR101131619B B1 20120330	KR20100126360 20101210	G21C15/02; G21C15/18	KEPCO ENGINEERING & AMP CONSTRUCTION COMPANY INC [KR]	APPARATUS FOR FIXING FLOW DISTRIBUTION PLATE FOR STEAM GENERATOR
KR20120065956 A 20120621	KR20100126711 20101213	G01M7/08; G01L1/00; G21C17/00; G21F5/06	SAFETECH CO LTD [KR]	TRANSPORT CONTAINER DIAGNOSIS METHOD
KR20120065668 A 20120621	KR20100126922 20101213	G21C17/10; G21C17/112	WOOJIN INC [KR]	S-TYPE TEMPERATURE MEASURING APPARATUS ASSEMBLY FOR MEASURING THE TEMPERATURE OF THE DEVICE FOR VITRIFICATION OF RADIOACTIVE WASTE
KR20120066414 A 20120622	KR20100127752 20101214	G01N23/04; G21F7/00	XAVIS CO LTD [KR]	X-RAY INSPECTION APPARATUS WITH SHIELDING MEANS AND FOR CHANGING X-RAY RADIATION POSITION

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KR20120066956 A 20120625	KR20100128322 20101215	G21C17/00; G01T1/16; G21F9/00	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	HIGH LEVEL ALPHA/BETA CONTAMINATION VISUALIZATION METHOD AND SYSTEM THEREOF
KR20120066957 A 20120625	KR20100128323 20101215	G21F9/30; B08B7/00	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	METHOD FOR THE IMPROVEMENT OF LASER DECONTAMINATION PERFORMANCE
KR20120068407 A 20120627	KR20100130020 20101217	C01G43/025; G21C3/62	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	THE METHOD FOR PRODUCING POROUS UO ₂ +X SINTERED PELLET
KR101111262B B1 20120223	KR20100130924 20101220	G21C7/36	KEPCO ENGINEERING & AMP CONSTRUCTION COMPANY INC [KR]	AN APPARATUS SUPPLYING POWER FOR CONTROLLING A CONTROL ROD OF A NUCLEAR POWER PLANT
WO2012086886 A1 20120628	KR20100130946 20101220; KR20100130949 20101220; KR20100131704 20101221	E04H9/06; G21F7/00; H05K9/00	NURIPLAN CO LTD [KR]; LEE SANG-WOO [KR]	EMP PROTECTION ROOM, MAIN BODY THEREOF, AND METHOD OF CONSTRUCTING THE EMP PROTECTION ROOM
KR101105838B B1 20120113	KR20100131374 20101221	G21C19/02; G21C15/02	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	METHOD AND APPARATUS FOR REMOVING THERMAL SLEEVE
KR101101976B B1 20120102	KR20100131375 20101221	G21C17/017; G21C15/02	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	FABRICATION DEVICE AND METHOD OF TUBING WITH STRESS CORROSION CRACKING AT HIGH TEMPERATURE
KR101109686B B1 20120131	KR20100131376 20101221	G21C17/06; G21F5/008	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	LID FOR LEAK TEST OF RADIOACTIVE MATERIAL TRANSPORT PACKAGE
KR20120070127 A 20120629	KR20100131558 20101221	G21F9/16; G21F9/36	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	APPARATUS AND METHOD TO FABRICATE THE BUFFER BLOCK OF A HIGH-LEVEL WASTE REPOSITORY

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KR101103978B B1 20120106	KR20100132624 20101222	G21C1/01	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	APPARATUS FOR HEATING GAS OF HIGH TEMPERATURE AND HIGH PRESSURE
US2012161575 A1 20120628	KR20100132907 20101222	G21H1/06; H01L31/18	KOREA ELECTRONICS TELECOMM [KR]	STACK-TYPE BETA BATTERY GENERATING CURRENT FROM BETA SOURCE AND METHOD OF MANUFACTURING THE SAME
US2012161039 A1 20120628	KR20100133104 20101223	G21G1/12	UNILAM CO LTD [KR]	HAND CARRY TYPE PORTABLE CURING APPARATUS USING LONG-ARC UV LAMP
US2012165594 A1 20120628	KR20100133215 20101223	G21F9/28	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	SOLIDIFICATION METHOD OF RADIOACTIVE WASTE ACCOMPANYING CHLORIDE RECYCLING OR RADIOACTIVE IODIDE REMOVING AND THE DEVICE THEREOF
KR101129463B B1 20120329	KR20100135542 20101227	G21C17/02; G21C17/10	WOOJIN INC [KR]	THE TEST FACILITY FOR THE COOLING PERFORMANCE OF THE CEDM COIL
KR101144456B B1 20120514	KR20100135624 20101227	G21C13/02; G21C7/10; G21D3/06	KOREA HYDRO & NUCLEAR POWER CO [KR]; KOREA ATOMIC ENERGY RES [KR]	REACTOR SYSTEM AND CONTROLLING THE REACTOR SYSTEM
KR101121515B B1 20120228	KR20100136336 20101228	G21C17/10; G21C7/10	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	FRICTION TEST GAUGE FOR CONTROL-ROD GUIDE TUBE
KR101153049B B1 20120604	KR20100137565 20101229	G21C17/108	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]; KOREA ATOMIC ENERGY RES [KR]	SOURCE TERM CHARACTERIZATION METHOD AND THE SYSTEM FOR EX-CORE STRUCTURAL COMPONENTS IN A REACTOR
KR101160781B B1 20120627	KR20100140259 20101231	G21C19/20; G21C19/18	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	BLIND FLANGE GUARD APPARATUS OF FUEL TRANSFER TUBE IN NUCLEAR POWER PLANT

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KR101128641B B1 20120326	KR20100140260 20101231	G21C19/20; G21C19/18	KOREA HYDRO & NUCLEAR POWER CO [KR]	BLIND FLANGE GUARD AND ACCOMMODATING APPARATUS OF FUEL TRANSFER TUBE IN NUCLEAR POWER PLANT
KR101160772B B1 20120628	KR20110000144 20110103	G21C15/18; G21C9/012	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	BACKFLOW PREVENT OF ADVANCED PASSIVE AUXILIARY FEED-WATER SYSTEM FOR PRESSURIZED WATER REACTOR
KR101160771B B1 20120628	KR20110000146 20110103	G21C15/18; G21C9/012	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	CONDENSATION-TANK OPTIMIZATION OF ADVANCED PASSIVE AUXILIARY FEED-WATER SYSTEM FOR PRESSURIZED WATER REACTOR
KR20120001265U U 20120222	KR20110000675U 20110124	G21C17/02; G21C17/017		Load generator for loss of coolant accident in nuclear power plant
KR101146135B B1 20120516	KR20110001508 20110106	G21C19/02; G21C19/30	KOREA PLANT SERVICE & AMP ENGINEERING CO LTD [KR]	A FOREIGN OBJECT CUTTING DEVICE IN A STEAM GENERATOR'S TUBE BUNDLE
KR101130270B B1 20120326	KR20110001822 20110107	G21F9/30; G21C19/02	KOREA ATOMIC ENERGY RES [KR]	APPARATUS OF METAL DECONTAMINATION WITH RECOVERING DECONTAMINATION AGENT SIMULTANEOUSLY, AND THE METHOD OF DECONTAMINATION THEREBY
KR20120001474U U 20120305	KR20110003869U 20110504	G21C9/06; G21D3/04		Passive Auto-catalytic Recombiner
KR101148795B B1 20120524	KR20110010456 20110207	G21C15/02; G21C15/22	DOOSAN HEAVY IND & AMP CONSTRUCTION CO LTD [KR]	ORIFICE PULLING MACHINE OF REACTOR VESSEL HEAD
KR101140698B B1 20120503	KR20110010763 20110207	G21D3/04; G05B23/02; G21C17/00	KOREA HYDRO & NUCLEAR POWER CO [KR]	SYSTEM AND METHOD FOR MANAGING POTENTIAL SINGLE POINT VULNERABILITIES

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KR101145893B B1 20120515	KR20110011144 20110208	G21C17/06; G21C17/08	KEPCO NUCLEAR FUEL CO LTD [KR]	TEST APPARATUS WITH MULTI FUNCTION FOR INSPECTING IRRADIATED NUCLEAR FUEL ROD
KR101160773B B1 20120628	KR20110011506 20110209	G21C1/22; G21C15/02	KOREA HYDRO & NUCLEAR POWER CO LTD [KR]	NUCLEAR REACTOR
KR101138445B B1 20120426	KR20110019451 20110304	G21G1/08; G21G4/08	KOREA ATOMIC ENERGY RES [KR]	A METHOD FOR PREPARING LOW ENRICHED AND PLATE SHAPED URANIUM TARGET WITH HIGH DENSITY, AND LOW ENRICHED URANIUM TARGET WITH HIGH DENSITY PREPARED BY THE METHOD
KR101156563B B1 20120620	KR20110020364 20110308	G21K1/06; H05H13/04	POSTECH ACAD IND FOUND [KR]	CURVATURE ADJUSTING APPARATUS FOR MIRROR AND MIRROR MANIPULATING SYSTEM WITH THE SAME
KR101155100B B1 20120612	KR20110026909 20110325	G21C19/44; G21F9/28		Equipment for residual salt recovery from uranium metal reduced
KR101155179B B1 20120613	KR20110029386 20110331	G21C19/44		ANODE APPARATUS OF ELECTROLYTIC REFINING DEVICE FOANODE APPARATUS OF ELECTROLYTIC REFINING DEVICE FOR RECYCLING OF SPENT NUCLEAR FUEL R RECYCLING OF SPENT NUCLEAR FUEL
KR101113706B B1 20120227	KR20110034364 20110413	G21F9/28; B09B3/00; G21F9/02	KIM JIN KIL [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]; VACUUMPLANT CO LTD [KR]	TREATMENT METHODS AND PROCESS FOR WASTE ACTIVATED CARBON CONTAMINATED BY RADIOCARBON AND TRITIUM COMPOUNDS

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KR101156564B B1 20120620	KR20110039126 20110426	G21K1/06; H05H13/04	POSTECH ACAD IND FOUND [KR]	APPARATUS OPERATED BY ONE ACTUATOR FOR ADJUSTING MIRROR CURVATURES AND MIRROR MANIPULATING SYSTEM WITH THE SAME
KR101154875B B1 20120618	KR20110056062 20110610	G21F9/28; G21F9/04	KOREA NUCLEAR ENGINEERING CO LTD [KR]	POLYMER SOLIDIFICATION METHOD FOR RADIOACTIVE WASTE
KR101107642B B1 20120120	KR20110077884 20110804	E04H9/06; G21F7/00; H05K9/00	NURIPLAN CO LTD [KR]	EMP PROTECTION FACILITIES
KR101107643B B1 20120120	KR20110077885 20110804	E04H9/06; G21F7/00; H05K9/00	NURIPLAN CO LTD [KR]	METHOD FOR CONSTRUCTING EMP PROTECTION FACILITIES
KR101126745B B1 20120329	KR20110086503 20110829	G01T1/167; G08C17/02; G21C17/00	ILJIN RADIATION ENGINEERING CO LTD [KR]	RADIATION SAFETY MANAGEMENT SYSTEM HAVING INTEGRATED PERSONAL RADIATION DOSIMETER AND WIRELESS COMMUNICATION DEVICE
KR101116271B B1 20120315	KR20110091196 20110908	G21F9/34	LEE JUNG HWA [KR]	APPARATUS FOR TREATING RADIOACTIVE WASTE
KR101111135B B1 20120220	KR20110120966 20111118	G21C15/243	KORE INST MACH & AMP MATERIALS [KR]	APPARATUS FOR DIVERTING FLUID FLOW PATH
KR101147356B B1 20120522	KR20110128814 20111205	G21C19/00; F22B37/48	BAE YOUNG HAN [KR]	ROBOT FOR WASHING TOTAL SECTOR OF TUBE SHEET OF STEAM GENERATOR
KR101120428B B1 20120313	KR20110128815 20111205	G21C15/00; B08B3/02; G21F9/28	BAE YOUNG HAN [KR]	RING SHAPE RAIL APPARATUS FOR SLUDGE LANCING ROBOT IN STANDARD STEAM GENERATOR
KR20120017450 A 20120228	KR20117029802 20090513	G21G1/00; G21H5/00	LANTHEUS MEDICAL IMAGING INC [US]	RADIONUCLIDE GENERATOR AND METHOD OF STERILIZATION
KR20120024916 A 20120314	KR20120015563 20120215	G21F1/04; C04B18/04;	HANIL NUCLEAR CO LTD [KR]	RADIOACTIVE RAY SHIELD BLOCK

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		C04B28/12; G21F3/04		
KR20120024917 A 20120314	KR20120015566 20120215	G21F1/04; B22C5/06; B28B1/087; G21F3/04	HANIL NUCLEAR CO LTD [KR]	RADIOACTIVE RAY SHIELD BLOCK
NL2006087C C 20120312	NL20101038232 20100909; NL20112006087 20110128	B01L3/00; G01N21/65; G01N33/18; G02B6/12; G02B6/125; G21K1/00	STICHTING WETSUS CT OF EXCELLENCE FOR SUSTAINABLE WATER TECHNOLOGY [NL]	OPTICAL TRAP, CHIP, SENSOR SYSTEM AND METHOD FOR MANUFACTURING AN OPTICAL TRAP.
WO2012002808 A1 20120105	NL20102004986 20100628	G01N21/21; G01N21/03; G01N21/23; G21K1/00	UNIV DELFT TECH [NL]; DEKKER NYNKE HESTER [NL]; PEDACI FRANCESCO [NL]; BARLAND STEPHANE [FR]; STICHTING FUND OND MATERIAL [NL]; CENTRE NAT RECH SCIENT [FR]	METHOD FOR SENSING AN ANALYTE IN A FLUID AND SENSOR UNIT FOR SUCH METHOD
NL2005661C C 20120514	NL20102005661 20101110	G01N23/207; G21K1/06	UNIV DELFT TECH [NL]	INSTRUMENT FOR MEASURING A DIFFRACTION PATTERN OF A SPECIMEN.
US2012126104 A1 20120524	NO20090003204 20091023; WO2010NO00372 20101020	G21K5/00	TEAGUE PHIL [NO]	APPARATUS AND METHOD FOR CONTROLLABLE DOWNHOLE PRODUCTION OF IONIZING RADIATION WITHOUT THE USE OF RADIOACTIVE CHEMICAL ISOTOPES
PL210403B B1 20120131	PL20090388647 20090727	G21F9/30; B09B3/00; C03C3/091	INST EN ATOMOWEJ POLATOM [PL]	Method for disposal of radioactive waste
PL391671 A1 20120102	PL20100391671 20100629	G21F3/00; A41D13/00	INST WLOKIENICTWA [PL]	Multi-layer structure, particularly fiber, protecting against electromagnetic radiation

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
PL393084 A1 20120604	PL20100393084 20101130	B01J20/26; B01J47/00; G21F9/12	INST FIZYKI JADROWEJ IM HENRYKA NIEWODNICZANSKIEGO PAN [PL]	Process for the preparation of NiFN based composite sorbent
RO127145 A2 20120228	RO20100000334 20100416	G21F9/00; C01F7/47; C01G41/00; G21F9/12	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU ELECTROCHIMIE SI MATERIE CONDENSAT&ABREVE [RO]	PROCESS FOR SYNTHESIZING MICROPARTICLES OF IRON CARBONATE () BY HYDROTHERMAL DECOMPOSITION OF FE-EDTA COMPLEX
RO127592 A2 20120629	RO20100001226 20101129	G21F3/02; C22C38/02	UNIV TEHNICA GHEORGHE ASACHI DIN IASI [RO]	PROTECTIVE ELEMENT FOR ELECTROMAGNETIC SHIELDING WITH SEAM-TYPE LINEAR MATRIX
ES2374993T T3 20120223	RU20060145699 20061222; WO2007RU00176 20070412	G21C3/322; G21C3/356	OPEN JOINT STOCK COMPANY TVEL [RU]; OTKRYTOE AKTSIONERNOE OBSHESTVO NOVOSIB ZD KHIMKONTSENTRATOV [RU]	CONJUNTO DE COMBUSTIBLE Y SEPARADOR ENTRE ELEMENTOS INSERTABLE.
RU2010126924 A 20120110	RU20100126924 20100701	G21F9/28	VYSOKOTEKHNOLOGICHESKIJ NII NEORGANICHESKIKH MATERIALOV IM AKADEMIKA A A BOCHVARA AOOT [RU]	METHOD TO SEPARATE URANIUM AND PLUTONIUM IN EXTRACTION TECHNOLOGY OF SPENT NUCLEAR FUEL RECYCLING
RU2010127013 A 20120110	RU20100127013 20100701	E21B49/06; G21C17/02	SIB KHIM KOM AOOT [RU]	DEVICE FOR CORES DRILLING FROM WELL WALLS OR CHANNELS
WO2012005625 A1 20120112	RU20100127081 20100702	G21B1/05	POLTORATSKY BORIS FEODOROVICH [RU]	ELECTROMAGNETIC VORTEX REACTOR
RU2010127396 A 20120110	RU20100127396 20100702	G21C19/42	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA IR GTU GOU IRGTU [RU]	PLASMA-OPTICAL MASS SEPARATION METHOD AND APPARATUS FOR REALISING SAID METHOD
RU2439726 C1 20120110	RU20100127598 20100702	G21F9/16	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST KHIM I KHIM T SIB OTDEL RAN [RU]	METHOD TO IMMOBILISE RADIOACTIVE WASTES IN MINERAL-LIKE MATRIX

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RU2010128409 A 20120120	RU20100128409 20100708	G21F7/00	TSENTRAL NOE KB MASH AOOT [RU]	AMPULE FILLING DEVICE
RU2439725 C1 20120110	RU20100128931 20100712	G21F9/06	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD TO PROCESS LOW- AND MEDIUM- MINERALISED LOW-ACTIVE FLUID RADIOACTIVE WASTES IN FIELD CONDITIONS
RU2444796 C1 20120310	RU20100129400 20100715	G21C11/02	FEDERAL NOE GUP GORNO KHIM KOM [RU]	METHOD FOR REMOVING CHANNEL URANIUM- GRAPHITE NUCLEAR REACTOR FROM SERVICE
RU2010129645 A 20120120	RU20100129645 20100715	G21F3/04	NI SKOE PT BJURO ONEGA AOOT [RU]	COMPOSITE BIOLOGICAL PROTECTION OF NUCLEAR AND (OR) RADIATION DANGEROUS FACILITY
RU2010129779 A 20120127	RU20100129779 20100720	G21C17/00	FEDERAL NOE G BJUDZHETNOE UCHREZHDENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIY INST [RU]	METHOD TO DETECT ENERGY RELEASE IN REACTOR CORE BY READINGS OF NEUTRON DETECTORS IN PROCESS OF VVER REACTOR OPERATION
RU2442234 C1 20120210	RU20100129780 20100720	G21C17/104	FEDERAL NOE G BJUDZHETNOE UCHREZHDENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIY INST [RU]	THE METHOD OF DETERMINATION OF THE EFFICIENCY COEFFICIENT OF THE NUCLEAR PLANT FAST-FISSION
RU2444797 C1 20120310	RU20100130717 20100721	G21C19/06	TSENTRAL NOE KB MASH AOOT [RU]	TRANSMITTING DEVICE
RU2010131743 A 20120210	RU20100131743 20100728	G21G1/00	OB EDINENNYJ INST JADERNYKH I [RU]	METHOD OF PRODUCING CARRIER-FREE INDIUM- 111 RADIOISOTOPE
RU2439727 C1 20120110	RU20100132729 20100805	G21G1/08	FEDERAL NOE G BJUDZHETNOE UCHREZHDENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIY INST [RU]	METHOD TO PRODUCE RADIONUCLIDE BISMUTH- 212
RU2010133629 A 20120220	RU20100133629 20100812	G21C3/30	MASHINOSTROITEL NYJ ZD AOOT [RU]	SUPPORT GRID-FILTER FOR FUEL ASSEMBLY OF NUCLEAR REACTOR

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RU2444798 C1 20120310	RU20100134548 20100818	G21C19/32	ROSSIJSKAJA FEDERATSIJA V LITSE G KORPORATSII ATOMNOJ EHNERGII ROSATOM [RU]; FEDERAL NOE GUP GORNO KHIM KOM [RU]	DEVICE FOR COLLECTION OF SPILT SPENT NUCLEAR FUEL PELLETS
RU2442236 C1 20120210	RU20100135602 20100825	G21F9/00	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA JUZHNO URAL SKIJ GU [RU]	THE METHOD OF SOIL DECONTAMINATION
RU2010136482 A 20120310	RU20100136482 20100830	G21C3/14	NOVOSIB ZD KHIKONTSENTRATOV AOOT [RU]	METHOD TO MANUFACTURE SPACING GRID OF NUCLEAR REACTOR FUEL ASSEMBLY
RU2010139087 A 20120327	RU20100139087 20100922	C01G43/00	SIB KHIM KOM AOOT [RU]	METHOD OF DISSOLVING MOX FUEL
RU2443029 C1 20120220	RU20100139684 20100927	G21F9/20	FEDERAL NOE GUP PROIZV OB MAJAK [RU]	METHOD FOR SOLIDIFYING EXHAUST RADIOACTIVE OILS FOR MAKING A POLYMERIC MATRIX
RU2448376 C1 20120420	RU20100140212 20101001	G21C3/36	MASHINOSTROITEL NYJ ZD AOOT [RU]	STRUCTURE OF PLATE GRID FOR FUEL ASSEMBLY
RU2010140477 A 20120410	RU20100140477 20101005	B09C1/00; G21F9/32	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ROSSIJSKIJ GU NEFTI I GAZA IM [RU]	METHOD FOR NEUTRALISATION OF SOIL POLLUTANTS
RU2447521 C1 20120410	RU20100140577 20101004	G21C17/108	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD FOR DENSITY CONTROL OF NUCLEAR REACTOR NEUTRON FLUX
RU2010141326 A 20120420	RU20100141326 20101007	C09D183/04	FEDERAL NOE GUP I NII SINT KAUCHUKA IM AKADEMIKA S V LEBEDEVA [RU]	POLYDIMETHYLSILOXANE BASED NEUTRON SHIELD COMPOSITION

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RU2449394 C1 20120427	RU20100141332 20101007	G21K1/06	FEDERAL NOE G BJUDZHETNOE OBRAZOVATEL NOE UCHREZHDIENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NIZHE [RU]	METHOD OF GENERATING X-RAYS AND X-RAY MONOCHROMATOR
RU2010142401 A 20120427	RU20100142401 20101018	G21D5/14	ANISIMOV ALEKSANDR MIKHAJLOVICH [RU]; BAGDASAROV JURIJ EHDUARDOVICH [RU]; SOPLENKOV KONSTANTIN IVANOVICH [RU]; CHAKHOVSKIJ VLADIMIR MIKHAJLOVICH [RU]	CYCLING NUCLEAR POWER PLANT
RU2448380 C1 20120420	RU20100142626 20101019	G21F9/28	GUP GORODA MOSKVY OB EDINENNYJ EHKOLOGO T I NITS OBEZVREZHIVANIJU RAO I OKHRANE OKRUZHAJUSHCHEJ SRED [RU]	PLANT FOR ELECTROCHEMICAL DECONTAMINATION OF METAL SURFACES
RU2441290 C1 20120127	RU20100144002 20101028	G21G1/10	FEDERAL NOE G BJUDZHETNOE UCHREZHDIENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIJ INST [RU]	METHOD TO PRODUCE RADIOISOTOPE STRONTIUM-82
RU2010144369 A 20120510	RU20100144369 20101101	G21D5/16; G21D7/02	SHIROKOV-BRJUKHOV EVGENIJ FEDOROVICH [RU]	POWER PLANT GENERATING HEAT AND ELECTRIC ENERGY BY MEANS OF PLASMA CHEMICAL REACTIONS WITH MAGNETIC HYDRODYNAMIC GENERATOR ON COLD PLASMA
RU2448379 C1 20120420	RU20100145739 20101110	G21C21/02	MASHINOSTROITEL NYJ ZD AOOT [RU]	DEVICE TO MEASURE LENGTH OF ROD FUEL ELEMENTS COLUMN AND TO FEED FUEL PELLETS INTO CONTAINMENT

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RU2010146174 A 20120520	RU20100146174 20101108	G21C7/36	DASHUK SERGEJ PAVLOVICH [RU]; BORISOV VALERIJ FEDOROVICH [RU]; AKKURATOV EVGENIJ VLADIMIROVICH [RU]	METHOD TO IDENTIFY ESTABLISHED NUCLEAR REACTOR PERIOD
RU2448375 C1 20120420	RU20100146410 20101115	G21C3/356	MASHINOSTROITEL NYJ ZD AOOT [RU]	SPACER GRID FOR FUEL ASSEMBLY
RU2010146411 A 20120520	RU20100146411 20101115	G21C17/06	MASHINOSTROITEL NYJ ZD AOOT [RU]	NUCLEAR FUEL PELLETT DENSITY MONITORING PLANT
RU2447520 C1 20120410	RU20100149086 20101201	G21C17/00	FEDERAL NOE GUP VRNII AVTOMATIKI IM N L DUKHOVA [RU]	METHOD FOR MEASUREMENT OF NEUTRON FLUX INTENSITY
RU2450380 C1 20120510	RU20100149635 20101207	G21D3/00	PIVIN IVAN FEDOROVICH [RU]	METHOD OF WATER SUPPLY
RU2010149636 A 20120620	RU20100149636 20101207	G21D1/02	PIVIN IVAN FEDOROVICH [RU]	METHOD OF WATER FEED
RU2453004 C1 20120610	RU20100150486 20101209	G21C7/10	OAO MO ZD POLIMETALLOV [RU]	ABSORBING ELEMENT OF WATER-COOLED NUCLEAR VESSEL REACTOR
RU2440631 C1 20120120	RU20100151008 20101214	G21F9/12	VRNII EHKSPLUATATSII ATOMNYKH EHLEKTROSTANTSIJ OAO VNIIAHS AOOT [RU]	METHOD TO DECONTAMINATE SPEND ION-EXCHANGE RESIN
RU2441289 C1 20120127	RU20100151466 20101215	G21C19/44	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIJ INST [RU]	METHOD FOR PROCESSING OF IRRADIATED NUCLEAR FUEL
RU2444800 C1 20120310	RU20100151828 20101217	G21F9/16	UCHREZH DENIE ROSSIJSKOJ AKADEMII NAUK INST EHKSPERIMENTAL NOJ MINERALOGII RAN [RU]	IMMOBILISATION METHOD OF RADIONUCLIDES OF ALKALINE-EARTH AND RARE-EARTH ELEMENTS IN MINERAL MATRIX

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RU2446495 C1 20120327	RU20100152647 20101222	G21H7/00	FEDERAL NOE G BJUDZHETNOE OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSI [RU]	METHOD OF DETECTING HELIOSPHERIC PERTURBATIONS
RU2010152725 A 20120627	RU20100152725 20101223	G21C3/00	FEDERAL NOE G BJUDZHETNOE OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSI [RU]	OPERATING METHOD OF FUEL ASSEMBLY IN INLET SECTION, AND DEVICE FOR ITS IMPLEMENTATION
RU2454740 C1 20120627	RU20100152887 20101223	G21C19/46; G21F9/06	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]; ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET FEDERAL NOE GUP FEDERAL NYJ TS JADERNOJ I RADIATION [RU]	METHOD FOR NEPTUNIUM REMOVAL DURING SEPARATION OF LONG-LIVING RADIONUCLIDES
RU2454741 C1 20120627	RU20100152889 20101223	G21F9/00	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]; ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET FEDERAL NOE GUP FEDERAL NYJ TS JADERNOJ I RADIATION [RU]	PROCESSING METHOD OF IRRADIATED NUCLEAR FUEL OF NUCLEAR POWER PLANTS
RU2454742 C1 20120627	RU20100152891 20101223	G21F9/08	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]; ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET FEDERAL NOE GUP FEDERAL NYJ TS JADERNOJ I RADIATION [RU]	METHOD FOR PROCESSING OF SPENT NUCLEAR FUEL OF NUCLEAR POWER PLANTS

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RU2010152893 A 20120627	RU20100152893 20101223	G21F9/28	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]; ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET FEDERAL NOE GUP FEDERAL NYJ TS JADERNOJ I RADIATION [RU]	HANDLING METHOD OF DEPOSITS BASED ON MOLYBDENUM AT PROCESSING OF SPENT NUCLEAR FUEL OF NPP
RU2452052 C1 20120527	RU20100153145 20101227	G01N23/04; G21K7/00	FEDERAL NOE GUP EHKSPERIMENTAL NYJ ZD NAUCHNOGO PRIBOROSTROENIJA SO SP NYM K BJURO ROSSIJSKOJ AKADEM [RU]	NANO-RESOLUTION X-RAY MICROSCOPE
RU2451349 C1 20120520	RU20100153165 20101227	G21C17/06	FEDERAL NOE GUP G NTS RF FIZ EHNERGETICHESKIJ INST IM A I LEJPUNSKOGO [RU]	METHOD OF CREEP-RUPTURE TEST OF TUBULAR SAMPLES IN NON-INSTRUMENTATION CHANNEL OF NUCLEAR REACTOR
RU2444074 C1 20120227	RU20100153422 20101228	G21G4/04	NII TEKHN FIZ I AVTOM OAO NIITFA AOOT [RU]	METHOD OF PRODUCING GAMMA-RAY SOURCES BASED ON ⁷⁴ Se RADIONUCLIDE FOR GAMMA-RAY FLAW DETECTION
RU2446492 C1 20120327	RU20110100720 20110112	G21F9/12	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD OF DETERMINING SPECIFIC ACTIVITY OF RADIONUCLIDES IN LOW-ACTIVITY AND WASTE MINERALISED WATER
RU2450377 C1 20120510	RU20110100721 20110112	G21C17/00	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD TO MEASURE COOLANT FLOW IN PRIMARY CIRCUIT OF NUCLEAR REACTOR AND DEVICE FOR ITS REALISATION
RU2453006 C1 20120610	RU20110103928 20110202	G21F5/00	FEDERAL NOE GUP RF JADERNYJ TS VRNII EHKSPERIMENTAL NOJ FIZ FGUP	CONTAINER TO TRANSPORT SPENT NUCLEAR FUEL

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			RFJATS VNIIEHF [RU]	
RU2454744 C1 20120627	RU20110105407 20110214	G21G4/04	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]	METHOD OF PRODUCING SOURCES BASED ON RADIONUCLIDE SELECTED FROM ALKALI-EARTH ELEMENTS
RU2453939 C1 20120620	RU20110106385 20110222	G21F9/28	GUP GORODA MOSKVY OB EDINENNYJ EHKOLOGO T I NITS OBEZVREZHIVANIJU RAO I OKHRANE OKRUZHAJUSHCHEJ SRED [RU]	PLANT FOR ELECTROCHEMICAL DECONTAMINATION OF METAL SURFACES
RU2452050 C1 20120527	RU20110106438 20110221	G21F9/00	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD FOR PROCESSING SOLID MIXED RADIOACTIVE WASTES
RU2450376 C1 20120510	RU20110106439 20110221	G21C15/28	FEDERAL NOE GUP NITI IM A P ALEKSANDROVA [RU]	METHOD TO MAINTAIN WATER-CHEMICAL MODE OF NUCLEAR POWER PLANT
RU2454745 C1 20120627	RU20110107634 20110228	G21G4/06	FEDERAL NOE GUP NPOB RADIEVYJ INST IM V G KHLOPINA [RU]	METHOD OF MAKING MOSSBAUER SOURCE BASED ON COBALT-57
RU2452048 C1 20120527	RU20110107802 20110301	G21C15/25	FEDERAL NOE G BJDZHETNOE OBRAZOVATEL NOE UCHREZH DENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSI [RU]	METHOD OF COOLING USING MICROJETS
RU2450375 C1 20120510	RU20110108661 20110309	G21C9/00; G21C15/18	ATOMEHNERGOPROEKT AOOT [RU]	DEVICE FOR AIR COOLING OF PASSIVE HEAT RELEASE SYSTEM FROM NUCLEAR POWER PLANT CONTAINMENT
RU2453937 C1 20120620	RU20110108973 20110310	B02C17/02; G21C19/42	SVERDLOVSKIJ NII KHIM MASH OAO SVERDNIKHIMMASH AOOT [RU]	DRUM MILL TO PROCESS RADIATED OR REJECTED NUCLEAR FUEL

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RU2450378 C1 20120510	RU20110110911 20110323	G21C17/04	FEDERAL NOE G BJUDZHETNOE UCHREZHDENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIJ INST [RU]	METHOD TO MEASURE NUCLEAR REACTOR SUBCRITICALITY
RU2453007 C1 20120610	RU20110112586 20110401	G21F5/00	FEDERAL NOE GUP RF JADERNYJ TS VRNII EHKSPERIMENTAL NOJ FIZ FGUP RFJATS VNIEHF [RU]	JACKET TO INSTALL AND STORE SPENT FUEL ASSEMBLIES OF REACTOR VVER-1000
RU2453936 C1 20120620	RU20110113430 20110408	G21C7/30	FEDERAL NOE G BJUDZHETNOE UCHREZHDENIE NATSIONAL NYJ I SKIJ TS KURCHATOVSKIJ INST [RU]	SHELL-TYPE NUCLEAR ONCE-THROUGH REACTOR COOLED WITH WATER OF SUPERCRITICAL PRESSURE WITH STEAM SUPERHEATING AND METHOD OF ITS OPERATION
RU2449390 C1 20120427	RU20110119812 20110517	G21C19/00	ROSSIJSKIJ KONTSEKERN PROIZV EHLEKTRICHESKOJ I TEPLOVOJ EHNERGII NA ATOMNYKH STANTSIIJAKH OAO KONTSEKERN [RU]	TRACK OF PROCESS CHANNEL OF NUCLEAR URANIUM-GRAPHITE REACTOR
RU2448381 C1 20120420	RU20110121636 20110527	G21G4/00	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSIONAL NYJ I SKIJ TOM PU [RU]	METHOD OF CHANGING ISOTOPE COMPOSITION OF METALS
ES2377645T T3 20120329	SE20020003198 20021030; WO2003SE01685 20031030	G21C3/07; C22C16/00; C22F1/18; G21C21/02	WESTINGHOUSE ELECTRIC SWEDEN [SE]	Procedimiento, utilización y dispositivo relacionados con los tubos de vaina para combustible nuclear y conjunto de combustible para un reactor nuclear de agua a presión

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EP2406808 A1 20120118	SE20090000316 20090311; WO2010SE00018 20100127; US20090160131P 20090313	H01J33/04; G21K5/04	TETRA LAVAL HOLDINGS & FINANCE [CH]	METHOD FOR ASSEMBLING AN ELECTRON EXIT WINDOW AND AN ELECTRON EXIT WINDOW ASSEMBLY
EP2433086 A1 20120328	SE20090000686 20090520; WO2010SE50545 20100519	G01B7/14; G01L3/00; G21C7/12	TIAP AB [SE]	METHOD AND SYSTEM FOR EVALUATING A PLAY
EP2465117 A1 20120620	SE20090001071 20090810; WO2010SE50790 20100706	G21C19/307	TORGNY LAGERSTEDT AB [SE]	AN APPARATUS FOR CLEANING WATER IN A NUCLEAR POWER REACTOR
US2012014496 A1 20120119	SE20090050187 20090325; WO2010SE50246 20100303	G21C3/324	WESTINGHOUSE ELECTRIC SWEDEN [SE]	FUEL ASSEMBLY
WO2012025546 A1 20120301	SE20100000866 20100826	H01J1/46; G21K5/00; H01J3/02; H01J33/02; H01J37/065	TETRA LAVAL HOLDINGS & FINANCE [CH]; CLOETTA DOMINIQUE [CH]	CONTROL GRID DESIGN FOR AN ELECTRON BEAM GENERATING DEVICE
SE1050728 A1 20120103	SE20100050728 20100702	B23Q11/00; B23B45/00; B23B47/00	WESTINGHOUSE ELECTRIC SWEDEN [SE]	Anordning för att fånga upp lösgjorda partiklar från ett objekt som bearbetas av ett verktyg
WO2012074453 A1 20120607	SE20100051277 20101202	H01J33/04; B32B15/00; C23C30/00; G21K5/04; H01J5/18	TETRA LAVAL HOLDINGS & FINANCE [CH]; ZIGERLIG BENNO [CH]; POPPI LUCA [IT]; NAESLUND LARS-AAKE [SE]; HAAG WERNER [CH]; HOLM KURT [CH]	AN ELECTRON EXIT WINDOW FOIL

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SK252012U U1 20120503	SK2012000025U 20120206	G21F5/00; B65D85/82	CEPEL JAN [SK]; CEPEL TOMAS [SK]; BOLDIZAR RASTISLAV [SK]; KRAL JAN [SK]	Device for handling with decontaminated fragments and waste
TWM423898U U 20120301	TW100211016U 20110617	G21F9/00	HSU HSIAO CHING [TW]; HSU YI YANG [TW]; YU MING SZU [TW]; YU WEI SZU [TW]	A supersonic AIDS decontamination system for decontaminating a radioactive contaminant
TWM425370U U 20120321	TW100219508U 20111018	G21C1/01	INER AEC EXECUTIVE YUAN [TW]	A safety/relief valve discharge system in a BWR
TWM429970U U 20120521	TW101200256U 20120105	G21F3/00	TAI ZHI MEDICAL INSTR CO LTD [TW]	Height adjustable lead fiber moving stage for genital organ protecting of X-ray bucky stand
TW201205598 A 20120201	TW20100124173 20100722	G21F5/14	INER AEC EXECUTIVE YUAN [TW]	The dumping device of the radioactive contaminant storage tub and the processing method of the radioactive contaminant
TW201207863 A 20120216	TW20100126860 20100812	G21C17/00	ATOMIC ENERGY COUNCIL [TW]	Device of detecting steel used in nuclear plant
TW201212042 A 20120316	TW20100129583 20100902	G21F5/06; G21F5/14	ATOMIC ENERGY COUNCIL [TW]	An equipment for stabilizing the vibration of the spent fuel dry storage transportable canister during the lifting process
US2012055882 A1 20120308	TW20100129832 20100903	C02F1/52; B01D21/00; G21F9/04	INER AEC EXECUTIVE YUAN [TW]	APPARATUS AND METHOD FOR COLLECTING SOLID MICROPARTICLES FLOATING IN WATER
TW201214461 A 20120401	TW20100131372 20100916	G21C19/06	ATOMIC ENERGY COUNCIL [TW]	A nuclear reactor startup neutron sources storage device
TW201214462 A 20120401	TW20100131373 20100916	G21C19/105	ATOMIC ENERGY COUNCIL [TW]	A nuclear reactor startup neutron sources capture device
TW201214463 A 20120401	TW20100131374 20100916	G21F5/06; F26B5/04; F26B5/12	ATOMIC ENERGY COUNCIL [TW]	A device for shortening the drying time in the spent fuel dry storage operation

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US2012071954 A1 20120322	TW20100131589 20100917	A61N5/06; G21K5/00	KAO FU-JEN [TW]; DELLWIG THILO [TW]	SMALL ULTRAVIOLET (UV) IRRADIATION MODULE
TW201216298 A 20120416	TW20100135100 20101014	G21C19/06	ATOMIC ENERGY COUNCIL [TW]	Inter-unit spent fuel transfer with a modified storage cask system
TW201220323 A 20120516	TW20100137666 20101102	G21C17/00; G06F17/50	INST OF NUCLEAR ENERGY RES ATOMIC ENERGY COUNCIL [TW]	Parameter identification method for severe accidents
TW201219758 A 20120516	TW20100137993 20101104	G01F23/14; G01F23/22; G21C17/00	INST OF NUCLEAR ENERGY RES ATOMIC ENERGY COUNCIL [TW]	Water level determining method for boiling water reactor
HK1088172 A1 20120330	US20010277374P 20010319; US20010297086P 20010608; US20020076793 20020214	G21B1/11; G21D7/00; H01J7/24; H05H1/11; H05H1/12; H05H1/16	UNIV CALIFORNIA [US]; UNIV FLORIDA [US]	PLASMA-ELECTRIC POWER GENERATION SYSTEM
KR20120034215 A 20120410	US20020238160 20020909; US20030620954 20030716	C08J5/18; G21F3/02	MERIDIAN RES AND DEV [US]	MULTIPLE HAZARD PROTECTION ARTICLES AND METHODS FOR MAKING THEM
ES2380728T T3 20120517	US20020402535P 20020812; WO2003US24952 20030811	G01T1/161; G01T1/29; A61B6/03; G01T1/164; G01T1/172; G01T1/20; G21K7/00	NAVISCAN PET SYSTEMS INC [US]; NAVISCAN INC [US]	Tomografía por emisión de positrones con misión específica

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TWI364051B B 20120511	US20030404493 20030401	H01J37/317; G01N21/00; G01N23/00; G21K5/10; H01J37/244; H01J37/304; H01L21/00; H01L21/265; H01L21/66	AXCELIS TECH INC [US]	Ion beam incident angle detector for ion implant systems
JP2012037526 A 20120223	US20030464299 20030617	G01S17/36; A61B6/00; A61N5/00; G01B11/26; G01C3/00; G01C3/06; G01N23/00; G01S7/491; G01S7/493; G01S17/08; G01S17/89; G21G5/00; G21K1/12; H01L27/146; H01L31/02; H04N3/14; H04N5/369; H05G1/60	MICROSOFT CORP [US]	METHODS AND DEVICES FOR IMPROVED CHARGE MANAGEMENT FOR THREE-DIMENSIONAL AND COLOR SENSING
JP2012020149 A 20120202	US20030499957P 20030904; US20030511458P 20031015; US20040571141P 20040514; US20040867328	A61M1/02; A61M1/36; C12M3/00; C12N5/076; C12N5/078; G21K1/00	ARRAYX INC	APPARATUS AND METHOD FOR PURIFYING/SEPARATING PARTICLE

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	20040613			
TWI359441B B 20120301	US20030503361P 20030916	H01L21/00; A61N5/00; C30B1/00; C30B13/24; C30B35/00; G02F1/133; G21G5/00; H01L21/20; H01L21/3205; H01L21/36; H01L21/77; H01L21/84; H01L29/94; H01L31/00	UNIV COLUMBIA [US]	Processes and systems for laser crystallization pr
JP2012062489 A 20120329	US20030520507P 20031114; US20040571060P 20040514; US20040571456P 20040514	C08J5/00; A01K95/00; C08K3/08; C08K7/06; C08K9/00; C08K9/06; C08L101/00; F42B7/04; F42B12/74; G21F1/10	WILD RIVER CONSULTING GROUP LLC	METAL POLYMER COMPOSITE, METHOD FOR ITS EXTRUSION AND SHAPED ARTICLE MADE THEREFROM

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RO123390 B1 20120130	US20030525121P 20031128; WO2004CA02015 20041123	G21C17/00; F17C11/00; G01N27/04; G21C17/017; G21C17/10	ONTARIO POWER GENERATION INC [CA]; KINECTRICS INC [CA]	METHOD AND DEVICE FOR INSPECTING REACTOR PRESSURE TUBES
CN102512194 A 20120627	US20030605789 20031027	A61B6/03; G01N23/04; G21K1/04; G21K3/00	GE MED SYS GLOBAL TECH CO LLC	Method and apparatus of radiographic imaging with an energy beam tailored for a subject to be scanned
TWI360134B B 20120311	US20030641801 20030815	G21C13/00; G21C13/028; B23K20/00; B23K20/26; G21C19/02	GEN ELECTRIC [US]	A seal plate for repairing damaged areas in a pres
TWI362045B B 20120411	US20030714756 20031117	G21C19/00; G21C19/19; G21C19/105; G21C19/20	FRAMATOME ANP [FR]	Fuel assembly nozzleless handling tool and method
TWI362670B B 20120421	US20040564894P 20040423	G21C9/00	AREVA NP INC [US]	Method of operating a boiling water reactor
EP2420288 A1 20120222	US20040579095P 20040610; EP20040780850 20040812; US20030494699P 20030812	A61N5/10; A61B6/04; B25J9/16; G01K1/08; G05B19/4061; G21G4/00; G21K5/08	UNIV LOMA LINDA MED [US]	Patient positioning system for radiation therapy system
AT556775T T 20120515	US20040605481P 20040830	B01L3/00; G21G4/08	BRACCO DIAGNOSTICS INC [US]	VERBESSERTE BEHÄLTER FÜR PHARMAZEUTIKA, INSBESONDERE ZUR VERWENDUNG FÜR RADIOISOTOPGENERATOREN

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ES2380669T T3 20120517	US20040751349 20040105	G21C3/30; G21C3/32; G21C3/04; G21C3/33; G21C15/06; G21C19/30	WESTINGHOUSE ELECTRIC CORP [US]	Tobera de fondo con filtro de residuos para un conjunto combustible nuclear
AT538477T T 20120115	US20040795879 20040308; US20030510385P 20031010; WO2004US33034 20041007; US20040535884P 20040112	G21C19/07; G21C19/00; G21F5/012	NAC INTERNAT INC [US]	BEHÄLTER UND VERFAHREN ZUM LAGERN ODER TRANSPORTIEREN VON VERBRAUCHTEM KERNBRENNSTOFF
US8161402 B1 20120417	US20040809152 20040324	G06F3/048; G06F3/00; G06F11/30; G21C17/00	MATHWORKS INC [US]	Methods and apparatus for graphical test and measurement
JP2012008135 A 20120112	US20040830913 20040423	G21C17/06; G01N23/225	AREVA NP INC [US]	METHOD OF FIELD ANALYSIS OF CLAD FLAKE OF BWR AND PWR
AT553403T T 20120415	US20050115406 20050427	G02B5/08; B82Y10/00; G02B1/10; G02B5/28; G03F7/20; G21K1/06	ASML NETHERLANDS BV [NL]	SPEKTRALER REINIGUNGSFILTER FÜR EINEN MEHRSCICHTIGEN SPIEGEL, LITHOGRAFISCHE VORRICHTUNG MIT EINEM DERARTIGEN MEHRSCICHTIGEN SPIEGEL, VERFAHREN ZUR VERGRÖSSERUNG DES VERHÄLTNISSES VON ERWÜNSCHTER UND UNERWÜNSCHTER STRAHLUNG SOWIE GERÄTEHERSTELLUNGSVERFA

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TWI356423B B 20120111	US20050145785 20050606	G21F9/08	HOLTEC INTERNATIONAL INC [US]	Method and apparatus for dehydrating high level wa
ES2371771T T3 20120110	US20050169916 20050630	G21C7/08; G21D3/04	GLOBAL NUCLEAR FUEL AMERICAS [US]	PROCEDIMIENTO DE REDUCCION DEL TIEMPO DE PARADA DE EMERGENCIA DE UN REACTOR NUCLEAR.
ES2372763T T3 20120126	US20050665108P 20050325; US20050003590 20050506; US20050671552P 20050415	G21C19/00; G21F5/10; G21F7/015	HOLTEC INTERNATIONAL INC [US]	SISTEMA Y METODO PARA ALMACENAR RESIDUOS DE ALTO NIVEL.
EP2431979 A1 20120321	US20050702942P 20050727; EP20060788574 20060726	G21F5/015	MALLINCKRODT LLC [US]	Radiation-shielding assembly
US2012101268 A1 20120426	US20050721607P 20050929; US20060540344 20060929; US201113286418 20111101	C07H21/00; C08B37/00; G21C1/00	SIEMENS MEDICAL SOLUTIONS [US]	Microfluidic Chip Capable of Synthesizing Radioactively Labeled Molecules on a Scale Suitable for Human Imaging With Positron Emission Tomography
ES2382212T T3 20120606	US20060325651 20060104	G21C5/10; G21C15/16	GEN ELECTRIC [US]	Dispositivo para estabilizar un conjunto secador de vapor en una vasija de presión de un reactor nuclear
US2012065453 A1 20120315	US20060419579 20060522; US20090644827 20091222; US201113031672 20110222; US20050682830P 20050520	G21F9/12; C09K3/00	KREKELER MARK P S [US]; ELMORE STEPHEN C [US]	Counter Weapon Containment

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AT555481T T 20120515	US20060447532 20060605; US20060447587 20060605; US20060447552 20060605; WO2007US13175 20070604; US20060447366 20060605	G21G1/00; H05H7/12	VARIAN MED SYS INC [US]	MULTIPLES STRAHLENSYSTEM
BRPI0712961 A2 20120417	US20060472651 20060621; WO2007US12893 20070531	G05B19/418; G06Q10/00; G21C9/00; G21C17/00	AREVA NP INC [US]	método para analisar a economia das soluções de gerenciamento de arquivo para geradores nucleares de vapor
US2012114089 A1 20120510	US20060560476 20061116	G21C17/00; G01N27/00	POTYRAILO RADISLAV ALEXANDROVICH [US]; MONK DAVID JAMES [US]; TAMAKI RYO [US]	Apparatus for Detecting Contaminants in a Liquid and a System for Use Thereof
CH704039 B1 20120515	US20060618829 20061231	H04N17/00; G01N21/954; G21C17/01	GEN ELECTRIC [US]	System zur quantitativen Bildqualitätsbewertung eines Abbildungssystems.
US2012003398 A1 20120105	US20060816723P 20060626; US20060816660P 20060626; US20070886906P 20070126; US20070686901 20070315; US20100976746 20101222; US20060783421P 20060317	B29C35/08; G21K5/00	APPLIED MATERIALS INC [US]	APPARATUS AND METHOD FOR EXPOSING A SUBSTRATE TO UV RADIATION USING A REFLECTOR HAVING BOTH ELLIPTICAL AND PARABOLIC REFLECTIVE SECTIONS

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ES2374003T T3 20120210	US20060831761P 20060719; WO2007US15948 20070712	A61M5/178; G21F5/018	MALLINCKRODT LLC [US]; MALLINCKRODT LLC [US]	CONJUNTO DE JERINGA APANTALLADO CONTRA LA RADIACION.
AT550641T T 20120415	US20060871786P 20061223; WO2007US88689 20071221	G01N27/28; C02F1/461; C25B9/06; C25B15/02; G21C19/46	MIOX CORP [US]	INTERNE FLUSSSTEUERUNG IN ELEKTROLYTISCHEN ZELLEN
US2012093275 A1 20120419	US20070003145 20071220	G21C3/332; G21C3/356	GLOBAL NUCLEAR FUEL AMERICAS [US]	TIERED TIE PLATES AND FUEL BUNDLES USING THE SAME
US2012142993 A1 20120607	US20070712594 20070227; US20060777487P 20060228	A61N5/00; C22C24/00; G21G1/06	ISORAY MEDICAL INC [US]	Method for large scale production of cesium-131 with low cesium-132 content
ES2375988 A1 20120308	US20070812576 20070620	G21C17/003; G21C19/20	GE HITACHI NUCL ENERGY AMERICA [US]	APARATOS Y PROCEDIMIENTOS DE INSPECCION, MANTENIMIENTO Y REPARACION PARA REACTORES NUCLEARES.
ES2374461 A1 20120217	US20070847014 20070829	G21C19/10; G21C3/334; G21C3/335	GLOBAL NUCLEAR FUEL AMERICAS [US]	HERRAMIENTA DE ASIENTO DE CANAL PARA UN CONJUNTO COMBUSTIBLE NUCLEAR Y PROCEDIMIENTO PARA ASENTAR UN CANAL SOBRE EL CONJUNTO.
CH699710 B1 20120330	US20070856119 20070917; WO2008US76348 20080915	F16L21/06	WESTINGHOUSE ELECTRIC CORP [US]	Rohrschelle.
US8121396 B1 20120221	US20070872451 20071015; US20070970356P 20070906	G06K9/00; G21K5/00	KLA TENCOR CORP [US]	Assessing critical dimension and overlay tolerance

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NZ579793 A 20120330	US20070910090P 20070404; WO2008US59478 20080404	A61M36/00; G21K1/06; H01J35/14; H01J35/32; H05G2/00; H05H15/00	UNIV CALIFORNIA [US]	LASER ACTIVATED MICRO ACCELERATOR PLATFORM
ES2374119 A1 20120214	US20070961196 20071220	G21C17/02	WESTINGHOUSE ELECTRIC CORP [US]	PROCEDIMIENTO PARA MEJORAR EL CREDITO DE LA COMBUSTION COMPLETA DEL COMBUSTIBLE NUCLEAR GASTADO.
EP2462593 A1 20120613	US20070975764P 20070927; WO2008NL50622 20080926	G21K1/10; G02B5/20; G03F7/20; G21K1/06	ASML NETHERLANDS BV [NL]	SPECTRAL FILTER, LITHOGRAPHIC APPARATUS INCLUDING SUCH A SPECTRAL FILTER, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY
US2012148025 A1 20120614	US20070986228 20071119; US20070699443 20070129	G21K5/08	HARRIS CORP [US]	System and method for non-destructive decontamination of sensitive electronics using soft x-ray radiation
ES2372658T T3 20120125	US20080002123 20080414	G21C3/352; G21C3/356	WESTINGHOUSE ELECTRIC CORP [US]	CONJUNTO DE COMBUSTIBLE NUCLEAR CON UNA REJILLA ESPACIADORA DE SOPORTE Y BLOQUEO.
ES2378922T T3 20120419	US20080014133 20080115	G21C3/334; G21C3/352	WESTINGHOUSE ELECTRIC CORP [US]	Conjunto de combustible de reactor nuclear
AT557400T T 20120515	US20080063623P 20080205; WO2009US32957 20090203	G21G1/12; G21G1/08	UNIV MISSOURI [US]	HERSTELLUNG VON RADIOISOTOPEN UND BEHANDLUNG EINER ZIELMATERIALLÖSUNG

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AT552519T T 20120415	US20080064313P 20080227; US20080129689P 20080711; WO2009EP01299 20090224	G02B5/20; G02B5/08; G02B5/22; G02B5/26; G03F7/20; G21K1/06	ASML NETHERLANDS BV [NL]	OPTISCHES ELEMENT, LITHOGRAFIEVORRICHTUNG MIT DERARTIGEM OPTISCHEN ELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES BAUELEMENTS
US2012087867 A1 20120412	US20080074607P 20080620; US200913000298 20090619; WO2009US48037 20090619	A61K49/12; G21K5/00	MCCAMEY DANE R [AU]; BOEHME CHRISTOPH [US]; VAN TOL JOHAN [US]; MORLEY GAVIN W [GB]	Method for the Generation of Nuclear Hyper- Antipolarization in Solids Without the Use of High Magnetic Fields or Magnetic Resonant Excitation
ES2375687T T3 20120305	US20080124195 20080521	G21C3/33; G21C3/334	WESTINGHOUSE ELECTRIC CORP [US]	MONTAJE DE RETENCION DE COMPONENTE DEL NUCLEO DE REACTOR NUCLEAR.
US8106355 B1 20120131	US20080163708 20080627	G21K7/00	KLA TENCOR CORP [US]	Automated inspection using cell-cell subtraction perpendicular to stage motion direction
ES2375821T T3 20120306	US20080232853 20080925	G21C19/307; C02F1/00	GE HITACHI NUCL ENERGY AMERICA [US]	CESTA DE RECAMBIO, SISTEMA QUE UTILIZA LA CESTA DE RECAMBIO, Y PROCEDIMIENTO PARA CARGAR LA CESTA DE RECAMBIO.
US2012038243 A1 20120216	US20080275974 20081121	G21H1/02; B31B1/62; G21F5/02	TRACE PHOTONICS INC [US]	HIGH EFFICIENCY 4-PI NEGATRON BETA-3 PARTICLE EMISSION SOURCE FABRICATION AND ITS USE AS AN ELECTRODE IN A SELF-CHARGED HIGH-VOLTAGE CAPACITOR
CN102318010 A 20120111	US20090152580P 20090213; WO2010EP50195 20100111	G21K1/06; G03F7/00	ASML NETHERLANDS BV [NL]	Multilayer mirror and lithographic apparatus

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MX2011011550 A 20120120	US20090174576P 20090501; US20090223863P 20090814; US20100772342 20100503; WO2010US33383 20100503	H05H1/24; G21K5/00; H05G2/00	UNIV MICHIGAN [US]	IN-SITU PLASMA/LASER HYBRID SCHEME.
EP2425685 A2 20120307	US20090174576P 20090501; WO2010US33383 20100503; US20090233863P 20090814; US20100772342 20100503	H05H1/24; G21K5/00; H05G2/00	UNIV MICHIGAN OFFICE OF TECHNOLOGY TRANSFER [US]	IN-SITU PLASMA/LASER HYBRID SCHEME
AU2009346233 A1 20120119	US20090178857P 20090515; WO2009US50839 20090716	G21G4/08; H01J27/18; H01J37/08; H05H1/18	ALPHA SOURCE LLC [US]	ECR particle beam source apparatus, system and method
KR20120016249 A 20120223	US20090180211P 20090521; US20100715420 20100302	G21F1/02; G21F3/00	WESTINGHOUSE ELECTRIC CORP [US]	RADIATION SHIELD TO BE INSTALLED IN A VARYING CLEARANCE GAP
KR20120024846 A 20120314	US20090181560P 20090527	G21C17/013	BROOKS R ASS INC [US]	STEAM GENERATOR UPPER BUNDLE INSPECTION TOOLS
KR20120028329 A 20120322	US20090182954P 20090601	G21C3/02	ADVANCED REACTOR CONCEPTS LLC [US]	PARTICULATE METAL FUELS USED IN POWER GENERATION, RECYCLING SYSTEMS, AND SMALL MODULAR REACTORS
AU2010258777 A1 20120112	US20090185887P 20090610; US20100722662 20100312; WO2010US37955	G21C7/06	BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP INC [US]	Control rod drive mechanism for nuclear reactor

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	20100609			
EP2449430 A1 20120509	US20090222001P 20090630; WO2010EP56436 20100511; US20090237589P 20090827	G03F7/20; G21K1/06; H05G2/00	ASML NETHERLANDS BV [NL]	SPECTRAL PURITY FILTER, LITHOGRAPHIC APPARATUS, AND METHOD FOR MANUFACTURING A SPECTRAL PURITY FILTER
KR20120039740 A 20120425	US20090229355P 20090729	G21B3/00; H05H1/02; H05H1/54	GEN FUSION INC [CA]	SYSTEMS AND METHODS FOR PLASMA COMPRESSION WITH RECYCLING OF PROJECTILES
KR20120048701 A 20120515	US20090237614P 20090827	G02B5/20; G03F7/20; G21K1/10	ASML NETHERLANDS BV [NL]	SPECTRAL PURITY FILTER, LITHOGRAPHIC APPARATUS, AND METHOD FOR MANUFACTURING A SPECTRAL PURITY FILTER
MX2012005243 A 20120619	US20090259291P 20091109; US20100916660 20101101; WO2010US55069 20101102	G21C19/28	WESTINGHOUSE ELECTRIC CORP [US]	WEDGE POSITIONING APPARATUS FOR JET PUMP ASSEMBLIES IN NUCLEAR REACTORS.
EP2457235 A1 20120530	US20090271598P 20090723; WO2010US42932 20100722	G21C17/00	AREVA NP INC [US]	ADVANCED FUEL CRUD SAMPLING TOOL METHOD
US2012147349 A1 20120614	US20090285556P 20091211; WO2010EP60145 20100714; US201013390290 20100714; US20090234061P	G03B27/54; G21K5/04	ASML NETHERLANDS BV [NL]	EUV RADIATION SYSTEM AND LITHOGRAPHIC APPARATUS

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	20090814			
US2012101324 A1 20120426	US20090362107 20090129; US20080024824P 20080130	G21F9/06	INTEGRITY CONSULTING INC	DESTRUCTION OF MIXED RADIOACTIVE WASTE BY CATALYZED CHEMICAL OXIDATION
KR20120006533 A 20120118	US20090384669 20090406; US20090459591 20090701	G21C7/06; G21C7/10	SEARETE LLC [US]	A TRAVELING WAVE NUCLEAR FISSION REACTOR, FUEL ASSEMBLY, AND METHOD OF CONTROLLING BURNUP THEREIN
KR20120006534 A 20120118	US20090386495 20090416; US20090460157 20090713; US20090460160 20090713; US20090460159 20090713	G21C7/00; G21C3/02; G21C3/326; G21C17/10	SEARETE LLC [US]	A NUCLEAR FISSION REACTOR FLOW CONTROL ASSEMBLY
US8103984 B1 20120124	US20090391193 20090223	G06F17/50; G03F1/00; G06F19/00; G21K5/00	CADENCE DESIGN SYSTEMS INC [US]	System and method for compressed design phase contour data
EP2411984 A1 20120201	US20090412411 20090327; WO2010US22965 20100203	G21C3/352; G21C3/356	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR FUEL ASSEMBLY WITH PIVOT DIMPLED GRIDS
US8101929 B1 20120124	US20090427842 20090422; US20080047512P 20080424	G02B27/56; G21K1/06; H05H3/04	UNIV CENTRAL FLORIDA RES FOUND [US]	Diffraction free, self-bending airy wave arrangement

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US8158962 B1 20120417	US20090432509 20090429; US20080048707P 20080429; US20090173463P 20090428	G21C7/06; G21C19/00	HOLTEC INTERNATIONAL INC [US]	Single-plate neutron absorbing apparatus and method of manufacturing the same
KR20120011044 A 20120206	US20090459855 20090707; WO2010US01122 20100416; US20090459856 20090707; US20090459857 20090707; US20090386524 20090416	G21C3/02; G21C3/326; G21C17/10	SEARETE LLC [US]	NUCLEAR FISSION REACTOR FUEL ASSEMBLY AND SYSTEM FOR CONTROLLED REMOVAL OF A VOLATILE FISSION PRODUCT
US2012116730 A1 20120510	US20090480562 20090608; US20050244088 20051004; US20040620304P 20041019	G06F17/10; G21G1/06	L LIVERMORE NAT SECURITY LLC [US]	ABSOLUTE NUCLEAR MATERIAL ASSAY USING COUNT DISTRIBUTION (LAMBDA) SPACE
US8170174 B1 20120501	US20090482519 20090611	G21C15/00	GE HITACHI NUCL ENERGY AMERICA [US]	Simplified jet pump riser brace clamp
KR20120031482 A 20120403	US20090495981 20090701	G21C17/08	WESTINGHOUSE ELECTRIC CORP [US]	INCORE INSTRUMENT CORE PERFORMANCE VERIFICATION METHOD
KR20120037970 A 20120420	US20090497207 20090702	G02F1/1335; B65H5/08; B65H5/14; G21F7/06	BRADY WORLDWIDE INC [US]	IMAGE DISPLAY ASSEMBLY AND APPARATUS AND METHOD FOR MANUFACTURING THE SAME
US8094781 B1 20120110	US20090540239 20090812	G01N23/201; G21K1/00; H05G1/02	BOEING CO [US]	Portable X-ray back scattering imaging systems

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EP2467856 A1 20120627	US20090543408 20090818; WO2010US45837 20100818	G21G1/00	SCHENTER ROBERT E [US]	VERY LARGE ENHANCEMENTS OF THERMAL NEUTRON FLUXES RESULTING IN A VERY LARGE ENHANCEMENT OF THE PRODUCTION OF MOLYBDENUM-99
MX2012003254 A 20120410	US20090564117 20090922; WO2010US49551 20100921	G21C19/00	WESTINGHOUSE ELECTRIC CORP [US]	CONTROL ROD DRIVE OUTER FILTER REMOVAL TOOL.
DE112010003319T T5 20120606	US20090577085 20091009; US20090206046P 20090127; US20090214706P 20090425; WO2010US20044 20100104	G21F3/02	MANER WILLIAM LAWRENCE [US]	Schutzkleidungsstück für elektromagnetische Felder
GB2485754 A 20120523	US20090586741 20090925; US20090653656 20091215; US20090653653 20091215; WO2010US02602 20100922	G21C15/247; G21C1/03; G21C1/32	SEARETE LLC [US]	A heat exchanger, methods therefor and a nuclear fission reactor system
US2012121053 A1 20120517	US20090649915 20091230; US20090543408 20090818	G21G1/06	SCHENTER ROBERT E [US]; KORENKO MICHAEL K [US]	Very Large Enhancements of Thermal Neutron Fluxes Resulting in a Very Large Enhancement of the Production of Molybdenum-99 Including Spherical Vessels

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KR20120053059 A 20120524	US20090653183 20091208; US20090584053 20090828; US20090653205 20091208; US20090653184 20091208; US20090653206 20091208	G21C17/00; G21C3/00	SEARETE LLC [US]	A NUCLEAR FISSION REACTOR, A VENTED NUCLEAR FISSION FUEL MODULE, METHODS THEREFOR AND A VENTED NUCLEAR FISSION FUEL MODULE SYSTEM
TW201214059 A 20120401	US20100330721P 20100503; US20100317167P 20100324; US20100364725P 20100715	G03F7/20; G21K1/06	ASML NETHERLANDS BV [NL]	Lithographic apparatus and device manufacturing method
WO2012012120 A2 20120126	US20100360343P 20100630	G01V5/14; G01T3/00; G21G4/02	SCHLUMBERGER CA LTD [CA]; SCHLUMBERGER TECHNOLOGY BV [NL]; PRAD RES & DEV LTD [GB]; SCHLUMBERGER SERVICES PETROL [FR]; SCHLUMBERGER HOLDINGS [GB]; FITZGERALD JOHN B [GB]; STEPHENSON KENNETH [US]	IDENTIFICATION OF NEUTRON CAPTURE FROM A PULSED NEUTRON LOGGING TOOL
WO2012004070 A1 20120112	US20100361751P 20100706	G21K3/00	ASML NETHERLANDS BV [NL]; JAK MARTIN [NL]; BANINE VADIM [NL]; SOER WOUTER [NL]; YAKUNIN ANDREI [NL]; VAN KAMPEN MAARTEN [NL]; SCHASFOORT AD [NL]	COMPONENTS FOR EUV LITHOGRAPHIC APPARATUS, EUV LITHOGRAPHIC APPARATUS INCLUDING SUCH COMPONENTS AND METHOD FOR MANUFACTURING SUCH COMPONENTS

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EP2465012 A1 20120620	US20100362981P 20100709; US20100358645P 20100625; WO2011EP54057 20110317	G03F7/20; C01B31/04; G02B5/08; G02B5/20; G03F1/00; G21K1/06	ASML NETHERLANDS BV [NL]	LITHOGRAPHIC APPARATUS AND METHOD
WO2012009192 A1 20120119	US20100364430P 20100715	G21G1/00; B01F5/10; B01F9/02	MALLINCKRODT LLC [US]; WORLEY MARK D [US]; MAHONEY MICHAEL R [US]	SLURRY DISPENSER FOR RADIOISOTOPE PRODUCTION
US2012012764 A1 20120119	US20100364657P 20100715; US201113182171 20110713	G21F3/00	TUCHMAN NELSON M [US]; TUCHMAN DANIEL S [US]	INFRARED SIGNAL BLINDER SYSTEM AND METHOD
JP2012033934 A 20120216	US20100368854P 20100729	H01L21/027; G21K1/00; G21K1/06	CORNING INC	HIGH-REFLECTIVITY HARDENED SILICA-TITANIA ARTICLE AND METHOD OF PRODUCING THE SAME
WO2012013751 A1 20120202	US20100369142P 20100730	G03F7/20; G02B5/08; G21K1/06	ZEISS CARL SMT GMBH [DE]; ASML NETHERLANDS BV [NL]; BAER NORMAN [DE]; LOERING ULRICH [DE]; NATT OLIVER [DE]; WITTICH GERO [DE]; LAUFER TIMO [DE]; KUERZ PETER [DE]; LIMBACH GUIDO [DE]; HEMBACHER STEFAN [DE]; WALTER HOLGER [DE]; KWAN YIM-BUN-PATRICK [DE]	EUV EXPOSURE APPARATUS
US2012033775 A1 20120209	US20100371756P 20100809; US201113197836 20110804; US201161444431P 20110218	G21B1/00	HIGHFUELS INC [US]	METHOD AND APPARATUS FOR INTERMEDIATE CONTROLLED FUSION PROCESSES

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WO2012020020 A1 20120216	US20100372529P 20100811; DE201010034476 20100811	G02B5/08; G02B7/18; G03F7/20; G21K1/06	ZEISS CARL LASER OPTICS GMBH [DE]; ANDERL WILLI [DE]; KIEREY HOLGER [DE]; BAUER MARKUS [DE]; KUGLER JENS [DE]	SHELL OF AN EUV COLLECTOR MIRROR FOR EUV LITHOGRAPHY
WO2012021809 A2 20120216	US20100373101P 20100812	G21K1/02	MIDMARK CORP [US]; KANTOR ARKADY [US]; CEKOV LYUBOMIR [US]	MODULAR FIXED BEAM-LIMITING DEVICE FOR INTRAORAL X-RAY SYSTEM
WO2012024501 A1 20120223	US20100374922P 20100818	C01F17/00; G21G1/06	BATTELLE MEMORIAL INSTITUTE [US]; JOHNSEN AMANDA M [US]; SODERQUIST CHUCK Z [US]; MCNAMARA BRUCE K [US]; FISHER DARRELL K [US]	AN IMPROVED PURIFICATION PROCESS FOR 153Gd PRODUCED IN NATURAL EUROPIUM TARGETS
WO2012023141 A1 20120223	US20100375056P 20100819	G21K1/06	BURSHEIN ZEEV [IL]; BAR- DAVID AHARON [IL]; HAREL ZEEV [IL]; CONVERGENT RADIOTHERAPY INC [US]	SYSTEM FOR X-RAY IRRADIATION OF TARGET VOLUME
WO2012023046 A2 20120223	US20100375417P 20100820	G01N23/05; G21C17/10	FABER DANIEL [AU]; ODA SUSAN [CA]; BELL ADAM [CA]; DUCELLIER THOMAS [CA]	PORTABLE SYSTEM FOR ANALYZING AND DETERMINING ELEMENTAL COMPOSITION OF ROCK SAMPLES
WO2012027106 A2 20120301	US20100377144P 20100826	G01V5/14; G01V5/04; G21G4/02	SMITH INTERNATIONAL [US]; XU LIBAI [US]; MCKINNY KEVIN S [US]; HUISZOOM CORNELIS [US]	METHOD FOR MEASURING SUBTERRANEAN FORMATION DENSITY USING A NEUTRON GENERATOR
WO2012033453 A1 20120315	US20100380963P 20100908	G21G1/00; A61N5/10; G21G4/08; G21K5/00	RADINOVA AB [SE]; BRAHME ANDERS [SE]; LAZZERONI MARTA [SE]	POSITRON EMITTER IRRADIATION SYSTEM
WO2012037488 A1 20120322	US20100383330P 20100916	G21B1/00	INTELLIGENT POWER CORP [US]; DAVIS EDWARD L [US]	SYSTEMS, APPARATUSES AND METHODS FOR THE IMPLEMENTATION OF AN ENERGY SYSTEM

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WO2012035414 A2 20120322	US20100384130P 20100917	G21C7/36	ATOMIC ENERGY OF CANADA LTD [CA]; BORAIRI MAJID [CA]	REACTOR SHUTDOWN TRIP ALGORITHM
WO2012044237 A1 20120405	US20100386804P 20100927	C04B35/51; C04B35/645; G21C3/62	DIAMORPH AB [SE]; WALLENIUS JANNE [SE]; JOLKKONEN MIKAEL [SE]; RADWAN MOHAMMED [SE]	NITRIDE NUCLEAR FUEL AND METHOD FOR ITS PRODUCTION
WO2012047657 A2 20120412	US20100386848P 20100927	G21F1/06	PURDUE RESEARCH FOUNDATION [US]; SOLOMON ALVIN A [US]; KUCHIBHOTLA HUTHAVAHANA S [US]; REVANKAR SHRIPAD T [US]; MCDEAVITT SEAN MARSHALL [US]; RAGUSA JEAN CONCETTO [US]	CERAMIC-CERAMIC COMPOSITES AND PROCESS THEREFOR, NUCLEAR FUELS FORMED THEREBY, AND NUCLEAR REACTOR SYSTEMS AND PROCESSES OPERATED THEREWITH
WO2012041697 A1 20120405	US20100387214P 20100928; DE201010041502 20100928; US20100386634P 20100927; DE201010041397 20100927	G21K1/06	ZEISS CARL SMT GMBH [DE]; FREIMANN ROLF [DE]; BAER NORMAN [DE]; LIMBACH GUIDO [DE]; BOEHM THURE [DE]; WITTICH GERO [DE]	MIRROR, PROJECTION OBJECTIVE COMPRISING SUCH A MIRROR, AND PROJECTION EXPOSURE APPARATUS FOR MICROLITHOGRAPHY COMPRISING SUCH A PROJECTION OBJECTIVE
WO2012042484 A1 20120405	US20100388021P 20100930	A61B6/03; G21K1/10	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; PROKSA ROLAND [DE]	DYNAMIC FILTER FOR COMPUTED TOMOGRAPHY (CT)
WO2012048116 A2 20120412	US20100390272P 20101006	G21F9/12; G21F9/06	ELECTRIC POWER RES INST [US]; HUSSEY DENNIS FRANK [US]; BRADBURY DAVID [GB]; ELDER GEORGE RICHARD [GB]; EDWARDS LISA MAXINE [US]	ION EXCHANGE REGENERATION AND NUCLIDE SPECIFIC SELECTIVE PROCESSES

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WO2012054471 A1 20120426	US20100393960P 20101018	G21K1/06	UNIV OHIO STATE [US]; UNIV JEFFERSON [US]; PRADHAN ANIL K [US]; YU YAN [US]	MONOCHROMATIC X-RAY DEVICES AND METHODS OF USE
WO2012003406 A2 20120105	US20100398810P 20100701	G21C1/32	UNIV LELAND STANFORD JUNIOR [US]; WOO SANG HOON [US]	APPARATUS AND METHODS TO TREAT OR PREVENT KIDNEY AND UROLOGIC DISEASE
WO2012024487 A2 20120223	US20100401718P 20100818; US20100403813P 20100922	G21K1/02; G01T7/00	SAVANNAH RIVER NUCLEAR SOLUTIONS LLC [US]; HARPRING LAWRENCE J [US]; COLEMAN JODY RUSTYN [US]; FARFAN EDUARDO B [US]; GORDON JOHN R [US]; JANNIK GERALD T [US]; FOLEY TREVOR Q [US]	SYSTEM AND METHOD FOR THE IDENTIFICATION OF RADIATION IN CONTAMINATED ROOMS
US2012101182 A1 20120426	US20100406557P 20101025; US201113280615 20111025	C08J3/28; A61K6/08; G21K5/00	RIFAI MOHAMMAD AL [SY]	DENTAL COMPOSITE CURING SYSTEM, APPARATUS, AND METHOD
WO2012058414 A2 20120503	US20100407219P 20101027	G21G4/02; H01J31/50; H01J35/02	SCHLUMBERGER CA LTD [CA]; SCHLUMBERGER SERVICES PETROL [FR]; SCHLUMBERGER HOLDINGS [GB]; SCHLUMBERGER TECHNOLOGY BV [NL]; PRAD RES & DEV LTD [GB]; PERKINS LUKE [US]	THICK-FILM RESISTORIZED CERAMIC INSULATORS FOR SEALED HIGH VOLTAGE TUBE ELECTRODES
WO2012060873 A1 20120510	US20100409779P 20101103	G01T3/08; G01T3/00; G21H1/00	RYAN JAMES M [US]	TRI-MATERIAL DUAL-SPECIES NEUTRON SPECTROMETER
WO2012064738 A2 20120518	US20100410978P 20101108	H05H1/30; G21B1/05	UNIV UTAH STATE [US]; EDWARDS W FARRELL [US]; HELD ERIC D [US]; SINGH AJAY K [US]	ION-MODE PLASMA CONTAINMENT

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WO2012064801 A2 20120518	US20100412604P 20101111	H05H13/00; G21K5/00	SCHLUMBERGER CA LTD [CA]; SCHLUMBERGER SERVICES PETROL [FR]; SCHLUMBERGER HOLDINGS [GB]; SCHLUMBERGER TECHNOLOGY BV [NL]; PRAD RES & DEV LTD [GB]; PERKINS LUKE [US]	PARTICLE ACCELERATOR WITH A HEAT PIPE SUPPORTING COMPONENTS OF A HIGH VOLTAGE POWER SUPPLY
WO2012064797 A2 20120518	US20100412643P 20101111	G01V5/14; G01T3/00; G21G4/02	SCHLUMBERGER CA LTD [CA]; SCHLUMBERGER SERVICES PETROL [FR]; SCHLUMBERGER HOLDINGS [GB]; SCHLUMBERGER TECHNOLOGY BV [NL]; PRAD RES & DEV LTD [GB]; TKABLAZDE AVTO [US]; EVANS MICHAEL [US]; STEPHENSON KENNETH [US]	NEUTRON-GAMMA DENSITY THROUGH NORMALIZED INELASTIC RATIO
WO2012065249 A1 20120524	US20100413803P 20101115	G21C3/326; G21C1/08; G21C3/42	ATOMIC ENERGY OF CANADA LTD [CA]; BOUBCHER MUSTAPHA [CA]; KURAN SERMET [CA]; COTTRELL CATHY [CA]; BODNER ROBERT R [CA]	NUCLEAR FUEL CONTAINING A NEUTRON ABSORBER
WO2012068547 A2 20120524	US20100415731P 20101119	G21F7/005; G21F9/36	TRANSNUCLEAR INC [US]; BRACEY WILLIAM [US]; BONDRE JAYANT R [US]; KOFMAN ALEKSANDR [US]; GRUBB ROBERT L [US]	SYSTEMS METHODS, AND COMPONENTS FOR TRANSFERRING RADIOACTIVE MATERIAL
WO2012075010 A1 20120607	US20100417992P 20101130	G21C15/02	FLUOR TECH CORP [US]; CAMPBELL FRANK [US]	HEAT TRANSFER SYSTEMS AND METHODS FOR A FAST REACTOR
WO2012078939 A1 20120614	US20100421245P 20101209; US201113314519 20111208	G21C7/08	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR INTERNAL ELECTRIC CONTROL ROD DRIVE MECHANISM ASSEMBLY

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WO2012078941 A1 20120614	US20100421247P 20101209; US201113314506 20111208	G21C7/08	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR INTERNAL HYDRAULIC CONTROL ROD DRIVE MECHANISM ASSEMBLY
WO2012077027 A1 20120614	US20100421324P 20101209	A61B6/03; A61B6/06; G01N23/04; G21K1/10	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]; KOEHLER THOMAS [DE]; SCHMITT HOLGER [DE]; PROKSA ROLAND [DE]	POST-PATIENT DYNAMIC FILTER FOR COMPUTED TOMOGRAPHY (CT)
WO2012079814 A1 20120621	US20100422227P 20101213; SE20100051307 20101213	A61B6/06; G21K1/02; G21K1/04	PHILLIPS DIGITAL MAMMOGRAPHY SWEDEN AB [SE]; SAELL DANIEL [SE]; WAHLBERG MARKUS [SE]; DANIELSSON MATS [SE]; HJAERN TORBJOERN [SE]	COLLIMATOR ARRANGEMENT AND METHOD
WO2012082264 A1 20120621	US20100422665P 20101214; US201113280478 20111025	G21C7/12	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR CONTROL ROD DRIVE MECHANISM
MX2011013644 A 20120614	US20100423282P 20101215; US201113303211 20111123	C01B3/24; G21C15/02	ELECTRIC POWER RES INST [US]	LIGHT WATER REACTOR PRIMARY COOLANT ACTIVITY CLEANUP.
US2012020446 A1 20120126	US20100658649 20100212; US20110932083 20110215; US20060605848 20061128	G21C7/00	SEARETE LLC [US]	METHOD AND SYSTEM FOR PROVIDING FUEL IN A NUCLEAR REACTOR
WO2012030970 A2 20120308	US20100678741P 20100831	G21C1/30	TEXAS A & M UNIV SYS [US]; MCINTYRE PETER M [US]; SATTAROV AKHDIYOR [US]	ACCELERATOR DRIVEN SUB-CRITICAL CORE

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KR20120006046 A 20120117	US20100720190 20100309; US20090168033P 20090409; US20090168000P 20090409; US20090168012P 20090409	H05G2/00; G21K5/08; H01L21/027	CYMER INC [US]	SYSTEM, METHOD AND APPARATUS FOR DROPLET CATCHER FOR PREVENTION OF BACKSPASH IN A EUV GENERATION CHAMBER
TW201203284 A 20120116	US20100722696 20100312	G21C7/10	BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP INC [US]	Control rod drive mechanism for nuclear reactor
TW201207866 A 20120216	US20100751314 20100331	G21C9/02	GLOBAL NUCLEAR FUEL AMERICAS [US]	Systems and methods for servicing a fuel assembly in a light water reactor
TW201207865 A 20120216	US20100756236 20100408	G21C3/32; G21C3/326	GLOBAL NUCLEAR FUEL AMERICAS [US]	Exposure boost zone for boiling water reactor nuclear bundles
KR20120038978 A 20120424	US20100760124 20100414; US20090227899P 20090723	G21C17/00; G01F1/00	WESTINGHOUSE ELECTRIC CORP [US]	METHOD OF PROCESSING STEAM GENERATOR TUBES OF NUCLEAR POWER PLANT
KR20120039045 A 20120424	US20100792834 20100603; US20090229460P 20090729	G21C7/00	WESTINGHOUSE ELECTRIC CORP [US]	DIGITAL NUCLEAR CONTROL ROD CONTROL SYSTEM
CN102314953 A 20120111	US20100802420 20100607	G21D1/00; G21D1/02; G21D3/06; G21F3/00	ROSEMOUNT INC	Instrument for nuclear power facility
JP2012023036 A 20120202	US20100803461 20100628	H05G2/00; G21K1/00; G21K1/06; H01L21/027	MEDIA LARIO SRL	GIC MIRROR AND SOURCE-COLLECTOR MODULE HAVING TIN VAPOR LPP TARGET SYSTEM

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US2012014491 A1 20120119	US20100803901 20100709; US20090270649P 20090713	G21B1/00	DEETH MIKE [US]	Nuclear fusion power plant having a liquid reactor core of molten glass that is made laseractive and functions as a tritium breeding blanket which is capable of acoustically compressing/confining fuel so that it radiates and triggers outgoing laser cascades
US2012018653 A1 20120126	US20100804710 20100726; US20100925545 20101022	G21K1/06	SEARETE LLC [US]	Metamaterial surfaces
US2012027150 A1 20120202	US20100804916 20100802	G21B1/00	WADA RYOICHI [US]	High flux fast neutron generator
US2012039431 A1 20120216	US20100806387 20100812	G21C3/02	SCHMIDT WILLARD H [US]	Process for fused neutron nuclear chain reactions
TW201209847 A 20120301	US20100806976 20100825	G21K5/00; H01J35/08	GAMC BIOTECH DEV CO LTD [TW]	Thick targets for transmission x-ray tubes
JP2012008128 A 20120112	US20100823408 20100625	G21C3/42; G21C1/00; G21C3/28; G21C3/62	HAMILTON SUNDSTRAND CORP	NUCLEAR FUEL COMPOSITION, ATOMIC REACTOR AND METHOD FOR SETTING NUCLEAR FUEL IN SPECIFIC SUBCRITICAL STATE
WO2012005846 A1 20120112	US20100824326 20100628	G21C17/00	ARMSTRONG GLOBAL HOLDINGS INC [US]; GAINES MICHAEL H [US]; HORTON WILLIAM R [US]	REMOTE MONITORING SYSTEM FOR MULTIPLE STEAM TRAPS
DE102011050963 A1 20120112	US20100824811 20100628	G21K1/06	GEN ELECTRIC [US]	Anti-Streu-Röntgengittervorrichtung und Verfahren zur Herstellung derselben
JP2012013694 A 20120119	US20100826808 20100630	G21K4/00; G01T1/20	GEN ELECTRIC [US]	SCINTILLATOR ARRAY AND MANUFACTURING METHOD OF THE SAME

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US2012002778 A1 20120105	US20100827237 20100630	G21C3/30; G21G4/00	WESTINGHOUSE ELECTRIC CORP [US]	TRIURANIUM DISILICIDE NUCLEAR FUEL COMPOSITION FOR USE IN LIGHT WATER REACTORS
US2012008728 A1 20120112	US20100833588 20100709	G21B1/00	FLEMING RAY R [US]	Resonant Vacuum Arc Discharge Apparatus for Nuclear Fusion
US2012008743 A1 20120112	US20100833986 20100711	A61N5/10; G21K3/00	EIN-GAL MOSHE [IL]	CASCADED MODULATION SYSTEM
WO2012009130 A1 20120119	US20100834963 20100713	G21C19/10	WESTINGHOUSE ELECTRIC CORP [US]	REACTOR HEAD SEISMIC SUPPORT TIE ROD SYSTEM
US2012012763 A1 20120119	US20100837123 20100715	G21K1/04	VARIAN MEDICAL SYSTEMS INTERNAT AG [CH]	Method and Apparatus Pertaining to Use of Jaws During Radiation Treatment
US2012012728 A1 20120119	US20100837625 20100716	F16M13/02	GE HITACHI NUCL ENERGY AMERICA [US]	JET PUMP SLIP JOINT CLAMPS AND METHODS OF USING THE SAME
US2012014495 A1 20120119	US20100838723 20100719	G21C15/14	GE HITACHI NUCL ENERGY AMERICA [US]	MULTI-STAGE JET PUMP MIXER ASSEMBLY
CH703512 A2 20120131	US20100839948 20100720	F16B7/04	GE HITACHI NUCL ENERGY AMERICA [US]	Keilklemme.
EP2410532 A2 20120125	US20100843037 20100725	G21C3/322; G21C3/324; G21C15/02	GLOBAL NUCLEAR FUEL AMERICAS [US]	Optimized fuel assembly channels and methods of creating the same
US2012025107 A1 20120202	US20100846313 20100729	G21K5/10	AXCELIS TECH INC [US]	Versatile Beam Glitch Detection System
DE102011052076 A1 20120202	US20100848659 20100802	F01D25/24; G21C13/093	GEN ELECTRIC [US]	Verstärktes Turbomaschinen-Aussengehäuse aus Beton
US2012033781 A1 20120209	US20100849923 20100804	G21C15/00; B23P11/00	DEFILIPPIS MICHAEL S [US]	METHOD AND APPARATUS FOR A BWR INLET MIXER CLAMP ASSEMBLY

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CH703569 A2 20120215	US20100850218 20100804	G21C15/25; F16B7/08	GE HITACHI NUCL ENERGY AMERICA [US]	Strahlpumpenstützsystem für eine Siedewasserreaktor (SWR)-Strahlpumpenbaugruppe und Verfahren zum Erzeugen einer seitlichen Haltekraft an derselben.
DE102011052346 A1 20120209	US20100850244 20100804	G01N17/00; G21C17/00	GLOBAL NUCLEAR FUEL AMERICAS [US]	Verfahren zur Bestimmung der Anfälligkeit einer Legierung auf Zirkoniumbasis für Schattenkorrosion im Reaktor
US2012033793 A1 20120209	US20100850524 20100804	G21K5/10	PERKINELMER HOLDINGS INC [US]	ADAPTIVE FRAME SCANNING SCHEME FOR PULSED X-RAY IMAGING
US2012032076 A1 20120209	US20100850899 20100805	G01N23/00; G21K7/00	HERMES MICROVISION INC [TW]	METHOD FOR INSPECTING EUV RETICLE AND APPARATUS THEREOF
US2012033777 A1 20120209	US20100851910 20100806	G21C17/00	DOROSKO ROBERT K [US]; BATES JASON SHAWN [US]	JET PUMP INSPECTION APPARATUS
US2012033782 A1 20120209	US20100851942 20100806	G21C19/28; B23P11/00	DEFILIPPIS MICHAEL S [US]; WROBLEWSKI NORBERT [US]	METHOD AND APPARATUS FOR A BWR JET PUMP INLET MIXER SUPPORT
US2012039444 A1 20120216	US20100854045 20100810	G21K1/02	BAIC DUSAN [US]; GREENBERG KEVIN [US]	ELECTRONIC CONICAL COLLIMATOR VERIFICATION
US2012045363 A1 20120223	US20100860721 20100820	A61L2/10; G08B21/00; G21G5/00	GIL PATRICIA [US]	Portable sterilization device for footwear utilizing germicidal UV-C radiation
US2012043482 A1 20120223	US20100861368 20100823	G21K1/04	VARIAN MED SYS INC [US]	MULTI LEVEL MULTILEAF COLLIMATORS
US2012043481 A1 20120223	US20100861373 20100823	G21K1/02; G21K1/12	VARIAN MED SYS INC [US]	MULTILEAF COLLIMATORS WITH TRANSVERSE MOTION
US2012050520 A1 20120301	US20100862084 20100824	H04N7/18; G21G5/00	RAYTHEON CO [US]	Method and Apparatus for Anti-Biofouling of Optics in Liquid Environments

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WO2012027128 A1 20120301	US20100862124 20100824	G21C7/117	BABCOCK & WILCOX NUCLEAR ENERGY INC [US]; SHARGOTS SCOTT J [US]; ALES MATHEW W [US]	TERMINAL ELEMENTS FOR COUPLING CONNECTING RODS AND CONTROL RODS IN CONTROL ROD ASSEMBLIES FOR A NUCLEAR REACTOR
US2012049093 A1 20120301	US20100868041 20100825	G21F3/00	UNIV CINCINNATI [US]	RADIATION SHIELDING DEVICES
WO2012030579 A2 20120308	US20100871079 20100830	G21C3/344	WESTINGHOUSE ELECTRIC CORP [US]	OPTIMIZED FLOWER TUBES AND OPTIMIZED ADVANCED GRID CONFIGURATIONS
DE102011053081 A1 20120301	US20100871484 20100830	H01J35/02; A61B6/00; A61B6/02; A61B6/03; G21K1/02	GEN ELECTRIC [US]	Fächerröntgenstrahlbildungssysteme, die gradierte mehrschichtige optische Bauelemente verwenden
US2012051489 A1 20120301	US20100872353 20100831	G21C3/22; F28F7/00	MASSACHUSETTS INST TECHNOLOGY [US]	SUPERWETTING SURFACES FOR DIMINISHING LEIDENFROST EFFECT, METHODS OF MAKING AND DEVICES INCORPORATING THE SAME
US2012053897 A1 20120301	US20100872916 20100831	G21C17/00; G06F17/30; G06F19/00	NAFFZIGER SAMUEL D [US]	DETERMINING TRANSISTOR LEAKAGE FOR AN INTEGRATED CIRCUIT
CA2750588 A1 20120229	US20100873082 20100831	G01N29/24; G21C17/017	BABCOCK & WILCOX TECHNICAL SERVICES GROUP INC [US]; BABCOCK & WILCOX CANADA LTD [CA]	LOW PROFILE ENCIRCLING ULTRASONIC PROBE FOR THE INSPECTION OF IN-SITU PIPING IN IMMERSION MODE
US2012056095 A1 20120308	US20100875664 20100903	G21K1/02; B23P17/04	METZLER SCOTT [US]; KARP JOEL S [US]	COLLIMATION APPARATUS FOR HIGH RESOLUTION IMAGING
EP2426671 A2 20120307	US20100876567 20100907	G21C15/25; F04F5/44	GE HITACHI NUCL ENERGY AMERICA [US]	Method and apparatus for a jet pump slip joint internal seal

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US2012056110 A1 20120308	US20100877666 20100908	G21K5/04	VARIAN SEMICONDUCTOR EQUIPMENT [US]	USING BEAM BLOCKERS TO PERFORM A PATTERNED IMPLANT OF A WORKPIECE
US2012056107 A1 20120308	US20100877715 20100908	G21G1/00; G21G5/00	VARIAN SEMICONDUCTOR EQUIPMENT [US]	UNIFORMITY CONTROL USING ION BEAM BLOCKERS
EP2428965 A1 20120314	US20100879067 20100910	G21C9/06; G21D3/04	GE HITACHI NUCL ENERGY AMERICA [US]	Devices and methods for managing noncombustible gasses in nuclear power plants
CH703740 A2 20120315	US20100879546 20100910	G01C11/02; G21C17/003	GE HITACHI NUCL ENERGY AMERICA [US]	Photogrammetrical system used in nuclear power station, has separate processing apparatus that analyzes data from optical target detected by teleopsis sensation detection device
EP2428966 A2 20120314	US20100879612 20100910	G21G1/02; G21C3/04	GE HITACHI NUCL ENERGY AMERICA [US]	Rod assembly for nuclear reactors
US2012061592 A1 20120315	US20100879668 20100910	G21G5/00	SEV TRENT WATER PURIFICATION INC [US]	Method and System for Achieving Optimal UV Water Disinfection
US2012071703 A1 20120322	US20100884991 20100917	G21F9/16	SOLETANCHE FREYSSINET [FR]	Method of immobilizing nuclear waste
KR20120069683 A 20120628	US20100885140 20100917; US20090276901P 20090917	G21G1/02; G21B1/00	ADVANCED FUSION SYSTEMS LLC [US]	ADVANCED FUSION FUEL
US2012069947 A1 20120322	US20100885640 20100920	G21C19/00	WESTINGHOUSE ELECTRIC CORP [US]	SYSTEM FOR EXCHANGING A COMPONENT OF A NUCLEAR REACTOR
DE102011053762 A1 20120426	US20100887584 20100922	G01N23/087; A61B6/03; G21K3/00; H05G1/02	GEN ELECTRIC [US]	System und Verfahren zum Bandpassfiltern für Dualenergie-CT
US2012069946 A1 20120322	US20100887933 20100922	G21G1/06	SIEMENS MEDICAL SOLUTIONS [US]	Compact Radioisotope Generator

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US2012068092 A1 20120322	US20100888046 20100922	G21F3/00	TAY KO KHEE [SG]	Apparatus And Method For Attenuating High Energy Radiation
US2012076255 A1 20120329	US20100889500 20100924	G21C9/00; G21C9/008	WESTINGHOUSE ELECTRIC CORP [US]	ALTERNATE FEEDWATER INJECTION SYSTEM TO MITIGATE THE EFFECTS OF AIRCRAFT IMPACT ON A NUCLEAR POWER PLANT
WO2012047438 A1 20120412	US20100891317 20100927	G21C19/28	BABCOCK & WILCOX NUCLEAR ENERGY INC [US]; BABCOCK & WILCOX CANADA LTD [CA]; BABCOCK & WILCOX POWER GENERAT [US]; FORTINO ROBERT T [US]; ALES MATHEW W [US]; IDVORIAN NICK [CA]	COMPACT NUCLEAR REACTOR WITH INTEGRAL STEAM GENERATOR
US2012078577 A1 20120329	US20100892354 20100928	G21C17/00; G06F19/00	MICROSOFT CORP [US]	REMOTEY COLLECTING AND MANAGING DIAGNOSTIC INFORMATION
WO2012044879 A1 20120405	US20100896015 20101001	G21H1/00; G21H1/12	RAYTHEON CO [US]; FRAZIER GARY A [US]; IMHOLT TIMOTHY J [US]; ST CLAIRE ALEXANDER F [US]	ENERGY CONVERSION DEVICE
US8133804 B1 20120313	US20100896046 20101001	H01L21/26; G21K5/10	VARIAN SEMICONDUCTOR EQUIPMENT [US]	METHOD AND SYSTEM FOR MODIFYING PATTERNED PHOTORESIST USING MULTI-STEP ION IMPLANTATION
US2012080639 A1 20120405	US20100897309 20101004	C09K5/00; G21F1/10	LAIRD TECHNOLOGIES INC [US]	POTATO SHAPED GRAPHITE FILLER, THERMAL INTERFACE MATERIALS AND EMI SHIELDING
US2012085943 A1 20120412	US20100899368 20101006	G21F3/02	SPAGNUOLO PETER [US]	Personal Genital Privacy Shield
WO2012047568 A1 20120412	US20100899596 20101007	G21G1/10	WESTINGHOUSE ELECTRIC CORP [US]	PRIMARY NEUTRON SOURCE MULTIPLIER ASSEMBLY

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WO2012047473 A1 20120412	US20100899739 20101007	G21C7/36	BABCOCK & WILCOX NUCLEAR ENERGY INC [US]; BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP INC [US]; SHARGOTS SCOTT J [US]; DESANTIS PAUL K [US]; MCLAUGHLIN JOHN P [US]; ALES MATHEW W [US]	CONTROL ROD/CONTROL ROD DRIVE MECHANISM COUPLINGS
WO2012047366 A1 20120412	US20100899750 20101007	G21F1/10	MOXTEK INC; LIDDIARD STEVEN [US]; TAYLOR BRIAN [US]; DECKER KEITH [US]; MAYNARD JASON [US]	POLYMER LAYER ON X-RAY WINDOW
US2012085936 A1 20120412	US20100900862 20101008	G21K5/10; H01L21/66	ADVANCED ION BEAM TECHNOLOGY INC [TW]	METHOD FOR MONITORING ION IMPLANTATION
US2012085942 A1 20120412	US20100901205 20101008	G21K1/02; B22F3/12; B22F7/00	BIRMAN YOSSI [IL]; HEFETZ YARON [IL]	COLLIMATORS AND METHODS FOR MANUFACTURING COLLIMATORS FOR NUCLEAR MEDICINE IMAGING SYSTEMS
WO2012048071 A1 20120412	US20100901326 20101008	G21C3/02; G21C3/06	BATTELLE ENERGY ALLIANCE LLC [US]	TUBE INCLUDING CLADDING MATERIAL FOR USE IN NUCLEAR REACTORS
US2012087458 A1 20120412	US20100901599 20101011	G21C3/32	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR FUEL ASSEMBLY HOLD DOWN SPRING
US2012087462 A1 20120412	US20100902530 20101012	G21K1/02; A61B6/03; B23P11/00	IKHLEF ABDELAZIZ [US]	HYBRID COLLIMATOR FOR X-RAYS AND METHOD OF MAKING SAME
US2012091358 A1 20120419	US20100905126 20101015	G21K1/08	MAPPER LITHOGRAPHY IP BV [NL]	PROJECTION LENS ARRANGEMENT
US2012091367 A1 20120419	US20100907711 20101019	G01N21/01; G21G5/00	TAIWAN SEMICONDUCTOR MFG [TW]	UV Exposure Method for Reducing Residue in De-Taping Process
US2012099693 A1 20120426	US20100908932 20101021	G21C19/00	WESTINGHOUSE ELECTRIC CORP [US]	UNIRRADIATED NUCLEAR FUEL COMPONENT TRANSPORT SYSTEM

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WO2012054167 A1 20120426	US20100909252 20101021	G21C3/334; G21C3/32	BABCOCK & WILCOX NUCLEAR ENERGY INC [US]; ALES MATHEW W [US]; SHARGOTS SCOTT J [US]	SUPPORT STRUCTURE FOR A CONTROL ROD ASSEMBLY OF A NUCLEAR REACTOR
US2012076254 A1 20120329	US20100911572 20101025; US20100891317 20100927	G21C7/06; G21C19/28	MALLOY JOHN D [US]; ALES MATHEW W [US]	COMPACT NUCLEAR REACTOR
US2012106695 A1 20120503	US20100915111 20101029	A61B6/03	GEN ELECTRIC [US]	DYNAMIC COLLIMATOR FOR WIDE COVERAGE AND LOW DOSE CARDIAC CT IMAGING
US2012108948 A1 20120503	US20100915873 20101029	A61B5/055; G21K1/00	JANSEN FLORIBERTUS P M HEUKENSFELDT [US]; HEFETZ YARON [IL]	SYSTEM AND METHOD FOR COLLIMATION IN DIAGNOSTIC IMAGING SYSTEMS
US2012104287 A1 20120503	US20100917226 20101101	G21K5/02; G06K19/06; H05K5/02	DERKS HARRY G [US]; BEERY DONALD W [US]	LOCATING BADGE
WO2012078267 A1 20120614	US20100917438 20101101	C02F1/30; G21F9/30	CHA CORP [US]; CHA CHANG YUL [US]; VERGNANI PAUL [US]	MICROWAVE DISPOSAL SYSTEM FOR HAZARDOUS SUBSTANCES
US2012076253 A1 20120329	US20100924259 20100923	G21B1/00	MR & MRS FRED E HOWARD JR FAMILY LIVING REVOCABLE TRUST	Scalable high efficiency nuclear fusion energy source
US2012082283 A1 20120405	US20100924577 20100930	G21C17/00; G21D7/00	POPA-SIMIL LIVIU [US]	Method of using micro-nano-hetro structures to make radiation detection systems and devices with applications
WO2012044348 A1 20120405	US20100925940 20101102; US20100924753 20101004; US20100924704 20101001; US20100925890 20101101	G21C9/00	SEARETE LLC [US]; HYDE RODERICK A [US]; TEGREENE CLARENCE T [US]; WALTER JOSHUA C [US]	SYSTEM AND METHOD FOR MAINTAINING AND ESTABLISHING OPERATIONAL READINESS IN A FUEL CELL BACKUP SYSTEM OF A NUCLEAR REACTOR SYSTEM

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MX2011013731 A 20120620	US20100926968 20101221	B01D24/28; B01D24/48; G21C15/16	ROBERTS MARKETING DE INC [US]	APPARATUS AND METHOD FOR REMOVING IMPURITIES FROM WATER OR WASTEWATER.
WO2012047260 A2 20120412	US20100930147 20101228; US20100930149 20101228; US20100930150 20101228; US20100930152 20101228; US20100930146 20101228; US20100930151 20101228; US20100924914 20101006	F15B21/00	SEARETE LLC [US]; HYDE RODERICK A [US]; ISHIKAWA MURIEL Y [US]; MCWHIRTER JON DAVID [US]; ODEDRA ASHOK [US]; WALTER JOSHUA C [US]; WEAVER KEVAN D [US]; WOOD JR LOWELL L [US]	ELECTROMAGNETIC FLOW REGULATOR, SYSTEM, AND METHODS FOR REGULATING FLOW OF AN ELECTRICALLY CONDUCTIVE FLUID
US2012087455 A1 20120412	US20100930150 20101228; US20100924914 20101006	G21C7/32	SEARETE LLC [US]	Electromagnetic flow regulator, system, and methods for regulating flow of an electrically conductive fluid
WO2012060881 A2 20120510	US20100930176 20101230; US20100925985 20101102; WO2010US02892 20101102; US20100930259 20101230; US20100930258 20101230	G21C19/10; G21C15/00; G21C19/00	SEARETE LLC [US]; AHLFELD CHARLES E [US]; BURKE THOMAS M [US]; ELLIS TYLER S [US]; GILLELAND JOHN ROGERS [US]; HEJZLAR JONATAN [CZ]; HEJZLAR PAVEL [US]; HYDE RODERICK A [US]; MCALEES DAVID G [US]; MCWHIRTER JON DAVID [US]; ODEDRA ASHOK [US]; PETROSKI ROBE	STANDING WAVE NUCLEAR FISSION REACTOR AND METHODS
US2012106691 A1 20120503	US20100939081 20101103	G21G1/00	BATTELLE MEMORIAL INSTITUTE [US]	Method and System for Radioisotope Generation

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EP2450906 A2 20120509	US20100940519 20101105	G21C15/25; F16B2/14	GE HITACHI NUCL ENERGY AMERICA [US]	BWR jet pump inlet-mixer main wedge with inserts
US2012112062 A1 20120510	US20100942201 20101109	G01N23/22; G21K5/04	FEI CO [US]	Environmental Cell for Charged Particle Beam System
US2012112100 A1 20120510	US20100942670 20101109	G21G5/00	SINO MIND GROUP LTD [WS]	Bactericidal Lighting Device
US2012114090 A1 20120510	US20100943434 20101110	G21C19/105	MATSUMOTO JACK [US]; WHITLING ROBERT W [US]; WELSH CHRISTOPHER M [US]; FRANCISCO GREGORY A [US]	GEROCS Control Rod Blade Unlatching Tool
KR20120051597 A 20120522	US20100945660 20101112	G21D3/08	INVENSYS SYS INC [US]	PRIORITY LOGIC MODULE
US2012119120 A1 20120517	US20100945899 20101115	G21K1/06	EIN-GAL MOSHE [IL]	PHYSICAL WEDGE POSITIONING
US2012119113 A1 20120517	US20100948309 20101117	G21G5/00	AXCELIS TECH INC [US]	Implementation of CO-Gases for Germanium and Boron Ion Implants
US2012126149 A1 20120524	US20100948851 20101118	G21K1/00	IBM [US]	Controlling Electromagnetic Radiation In A Data Center
EP2455747 A1 20120523	US20100949539 20101118	G01N23/20; G21K1/06	PANALYTICAL BV [NL]	Diffractionmeter
US2012126137 A1 20120524	US20100950366 20101119	H01J3/14; G21K5/10	ADVANCED ION BEAM TECHNOLOGY INC [TW]	ION IMPLANTATION METHOD AND ION IMPLANTER
US2012126147 A1 20120524	US20100950416 20101119	G21K5/10	CHEREKDJIAN SARKO [US]	SEMICONDUCTOR STRUCTURE MADE USING IMPROVED PSEUDO-SIMULTANEOUS MULTIPLE ION IMPLANTATION PROCESS
EP2461330 A2 20120606	US20100958489 20101202	G21C17/003; G21C17/013	GE HITACHI NUCL ENERGY AMERICA [US]	Core shroud weld inspection systems and methods
WO2012075094 A2 20120607	US20100959115 20101202	G21C3/07; G21C21/00	LOGOS TECHNOLOGIES INC [US]; UT BATTTELLE LLC [US]; VENNERI FRANCESCO; KATOH YUTAI; SNEAD LANCE	FULLY CERAMIC NUCLEAR FUEL AND RELATED METHODS

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US2012106699 A1 20120503	US20100963123 20101208; ZA20050009324 20051109; US20080092879 20080806; WO20061B03076 20061102	G21K3/00; G01N23/04	UNIV THE WITWATERSRAND JOHANNESBURG [ZA]	METHOD AND APPARATUS FOR RADIATION IMAGING
US2012144739 A1 20120614	US20100963811 20101209	A01G1/00; A01G9/00; G21G5/00	GBIOMIX CO LTD [KR]	METHOD AND SYSTEM FOR STERILIZATION OF THE SOIL FOR GROWING KOREAN GINSENG BY USING AN ELECTRON BEAM AND SYSTEM OF GROWING KOREAN GINSENG USING AN ELECTRON BEAM STERILIZATION
US2012148010 A1 20120614	US20100965966 20101213	G21C17/00	WESTINGHOUSE ELECTRIC CORP [US]	TOP GUIDE INSPECTION FIXTURE
US2012148009 A1 20120614	US20100967620 20101214	G21C17/00	GLOBAL NUCLEAR FUEL AMERICAS [US]	IN-BUNDLE FORCE MEASUREMENT DEVICE AND/OR METHOD OF MEASURING FORCE APPLIED BY SPACERS IN AN ASSEMBLED FUEL BUNDLE
US2012145898 A1 20120614	US20100968229 20101214	G21K7/00; H01J3/14	HERMES MICROVISION INC [TW]	PARTICLE DETECTION SYSTEM
US2012155600 A1 20120621	US20100968826 20101215	G21C19/28	GE HITACHI NUCL ENERGY AMERICA [US]	FUEL BUNDLE FLOW LIMITER
EP2466590 A2 20120620	US20100968874 20101215	G21C3/322; G21C15/243; G21D3/08	GLOBAL NUCLEAR FUEL AMERICAS [US]	Flow tripping device for diverting the coolant flow inside a fuel channel
US2012155595 A1 20120621	US20100968898 20101215	G21C17/022	GE HITACHI NUCL ENERGY AMERICA [US]	CHEMISTRY PROBE ASSEMBLIES AND METHODS OF USING THE SAME IN NUCLEAR REACTORS

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EP2466180 A1 20120620	US20100969845 20101216	F16L15/00; G21C15/25	GE HITACHI NUCL ENERGY AMERICA [US]	Method and apparatus for a riser repair with compression
EP2466184 A1 20120620	US20100969860 20101216	F16L55/00; G21C13/067	GE HITACHI NUCL ENERGY AMERICA [US]	Method and apparatus for an expanding split bushing pipe plug assembly
US2012155594 A1 20120621	US20100970067 20101216	G21C7/32	MALLOY JOHN D [US]; BINGHAM BILLY E [US]	CONTROL SYSTEM AND METHOD FOR PRESSURIZED WATER REACTOR (PWR) AND PWR SYSTEMS INCLUDING SAME
US2012155597 A1 20120621	US20100972568 20101220	G21C9/004	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR AUTOMATIC DEPRESSURIZATION SYSTEM
US2012155593 A1 20120621	US20100974255 20101221	G21G1/12	CRIHAN IOAN G [US]	Detecting forgery of Art, Bonds and Other Valuables by Neutron Activation and Method Thereof
SE1151215 A1 20120624	US20100977208 20101223	H05H13/00; H02N2/00	GEN ELECTRIC [US]	Partikelacceleratorer som har elektromekaniska motorer samt förfaranden för drift och framställning av sådana
US2012161037 A1 20120628	US20100977269 20101223	G21G5/00	AXCELIS TECH INC [US]	Dose Measurement Method using Calorimeter
WO2012087399 A1 20120628	US20100977916 20101223	C25C7/00; G21F9/30	GE HITACHI NUCL ENERGY AMERICA [US]; WILLIT JAMES L [US]; BARNES LAUREL A [US]; WIEDMEYER STANLEY G [US]; WILLIAMSON MARK A [US]	MODULAR ANODE ASSEMBLIES AND METHODS OF USING THE SAME FOR ELECTROCHEMICAL REDUCTION
WO2012087400 A1 20120628	US20100978005 20101223	C25C3/34; C22B60/02; C25C7/00; C25C7/02; G21F9/30	GE HITACHI NUCL ENERGY AMERICA [US]; WILLIT JAMES L [US]; BARNES LAUREL A [US]; WIEDMEYER STANLEY G [US]; WILLIAMSON MARK A [US]	MODULAR CATHODE ASSEMBLIES AND METHODS OF USING THE SAME FOR ELECTROCHEMICAL REDUCTION
US2012163553 A1 20120628	US20100978682 20101227	G21K1/00; B32B37/12	ANALOGIC CORP [US]	THREE-DIMENSIONAL METAL PRINTING

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US2012163547 A1 20120628	US20100979409 20101228	H01J35/08; G21G4/04; G21K1/00; H01J35/18	GEN ELECTRIC [US]	INTEGRATED X-RAY SOURCE HAVING A MULTILAYER TOTAL INTERNAL REFLECTION OPTIC DEVICE
US2012163526 A1 20120628	US20100979970 20101228	G21C15/00; G21C3/356	GLOBAL NUCLEAR FUEL AMERICAS [US]	OPTIMIZED FUEL SUPPORTS AND METHODS OF CREATING REACTOR CORES WITH THE SAME
MX2011013783 A 20120627	US20100980010 20101228	G21C15/25	GE HITACHI NUCL ENERGY AMERICA [US]	ADJUSTABLE HARD STOPS FOR NUCLEAR REACTOR RESTRAINER BRACKETS AND METHODS OF USING THE SAME.
US2012163524 A1 20120628	US20100980118 20101228	G21C7/32; G21C3/322; G21C15/24	DILLER PETER RAY [US]	Tie Plate With Variable Orifice and Methods for Selective Control of Fuel Assembly Coolant Flow
US2012032096 A1 20120209	US201013264518 20100416; US20090170094P 20090416; WO2010US31437 20100416	G21K5/00	MARKA SZABOLCS [US]; MARKA ZSUZSANNA [US]; BARTOS IMRE [US]	Optical Barrier to Pests
SE1151236 A1 20120629	US201013980010 20101228	G21C13/032; G21C15/25	GE HITACHI NUCL ENERGY AMERICA [US]	Justerbara hårda stoppare för begränsningsfästen i kärnreaktor och metoder för användning av dessa
WO2012083094 A1 20120621	US201061424069P 20101217	G21F1/08; G21F3/00; G21F5/018; G21G1/00	GE HEALTHCARE LTD [GB]; MEDI PHYSICS INC [US]; OSBORN NIGEL J [GB]	SHIELDING COLLAR
WO2012083442 A1 20120628	US201061424868P 20101220	G21G4/00; A61K51/12; B82Y25/00; C25C5/02; C30B7/00; C30B29/02; G01N33/58;	UNIV LAVAL [CA]; FORTIN MARC-ANDRE [CA]; SARRA-BOURNET CHRISTIAN [CA]; LETOURNEAU MATHIEU [CA]; LAROCHE GAETAN [CA]	RADIOACTIVE AND/OR MAGNETIC METAL NANOPARTICLES AND PROCESS AND APPARATUS FOR SYNTHESIZING SAME

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		H01F1/06		
WO2012088248 A1 20120628	US201061426609P 20101223	G21F3/04	VERITAS MEDICAL SOLUTIONS LLC [US]; FARRELL DAVID P [US]	ROTATING RADIATION SHIELDED ENTRANCE ASSEMBLY
WO2012088472 A1 20120628	US201061427140P 20101224	G21B3/00	COOPER CHRISTOPHER H [US]; COOPER WILLIAM K [US]; LOAN JAMES F [US]	METHODS OF GENERATING ENERGY AND/OR HE- 4 USING GRAPHENE BASED MATERIALS
US2012155591 A1 20120621	US20110932641 20110301; US20100340612P 20100318	G21B1/11; H05H1/12	FREEZE BRENT [US]	Method and apparatus for compressing plasma to a high energy state
US2012148011 A1 20120614	US201113041464 20110307; US20100421672P 20101210	G21C19/00; G21C11/06	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR CAVITY ARRANGEMENTS FOR ICE CONDENSER PLANTS
US2012119084 A1 20120517	US201113050561 20110317; US20100413083P 20101112	G21K5/08; G01N23/00	NANOTEM INC [US]	Method and Apparatus for Rapid Preparation of Multiple Specimens for Transmission Electron Microscopy
US2012074336 A1 20120329	US201113051439 20110318; US20040874356 20040624; US20030652552 20030902; US20020407520P 20020831	G21K5/00	NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE BOARD OF REGENTS [US]	LIGHT-DRIVEN ROTARY MOLECULAR MOTORS

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US2012002773 A1 20120105	US201113068667 20110517; US20100395745P 20100517; US20100395762P 20100517; US20100395727P 20100517; US20100395725P 20100517; US20100395726P 20100517; US20100395734P 20100517	G21B1/03	INNOVEN ENERGY PARTNERS [US]	High-yield ICF containment chambers and power reactors
US2012085923 A1 20120412	US201113082361 20110407; US20100322870P 20100411	G21K5/08	GATAN INC [US]	Ion Beam Sample Preparation Apparatus and Methods
US2012085937 A1 20120412	US201113082364 20110407; US20100322870P 20100411	G21K5/00	GATAN INC [US]	Ion Beam Sample Preparation Thermal Management Apparatus and Methods
US2012085938 A1 20120412	US201113082370 20110407; US20100322870P 20100411	G21K5/10	GATAN INC [US]	Ion Beam Sample Preparation Apparatus and Methods
US2012085939 A1 20120412	US201113082373 20110407; US20100322870P 20100411	G21K5/10	GATAN INC [US]	Ion Beam Sample Preparation Apparatus and Methods
US2012106692 A1 20120503	US201113093811 20110425; US20100327394P 20100423	G21C13/028	KEENAN JEFFRIE JOSEPH [US]	SYSTEMS AND METHOD FOR REDUCING TRITIUM MIGRATION

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US2012097870 A1 20120426	US201113097800 20110429; US20100405970P 20101022	G21K1/093; C23F1/08; H05H1/04	APPLIED MATERIALS INC [US]	APPARATUS FOR FORMING A MAGNETIC FIELD AND METHODS OF USE THEREOF
US2012089180 A1 20120412	US201113102277 20110506; US201161443019P 20110215; US20100331990P 20100506	A61B17/03; B32B7/12; B32B37/12; B32B38/14; B41J2/175; C09D4/02; C09D7/12; C09D163/10; C09D167/07; G03F7/038; G21K5/00; H01B1/12; H01L23/28	UNIV DUKE [US]; IMMUNOLIGHT LLC [US]	ADHESIVE BONDING COMPOSITION AND METHOD OF USE
US2012002776 A1 20120105	US201113134628 20110611; US20030437538 20030514	G21C19/28; F42B33/06	AIRWARS DEFENSE LP	Dry coolant for primary stage of nuclear reactors
US2012003760 A1 20120105	US201113160573 20110615; US20100360736P 20100701; US20100360744P 20100701	H01L21/66; G21K5/00	VARIAN SEMICONDUCTOR EQUIPMENT [US]	GLITCH CONTROL DURING IMPLANTATION
US2012002777 A1 20120105	US201113162876 20110617; US20100827237 20100630	G21C3/30; G21G4/00	WESTINGHOUSE ELECTRIC CORP [US]	TRIURANIUM DISILICIDE NUCLEAR FUEL COMPOSITION FOR USE IN LIGHT WATER REACTORS
US2012154775 A1 20120621	US201113168495 20110624; US20100359591P 20100629	G03B27/54; G21K5/04	ASML NETHERLANDS BV [NL]	EUV Radiation Source and Method of Generating EUV Radiation

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WO2012030429 A1 20120308	US201113173262 20110630; US20100379175P 20100901	G21F9/00; A61L15/00; G21F9/28	BATTELLE MEMORIAL INSTITUTE [US]; LEVITSKAIA TATIANA G [US]; THRALL KARLA D [US]; PETERSON JAMES M [US]; FRYXELL GLEN E [US]; TIMCHALK CHARLES A [US]; TARASEVICH BARBARA J [US]	TOPICAL APPLICATOR COMPOSITION AND PROCESS FOR REMOVAL OF RADIONUCLIDES FROM RADIOLOGICALLY CONTAMINATED DERMAL SURFACES
US2012027156 A1 20120202	US201113184161 20110715; WO2010US30622 20100409; US20090167899P 20090409	G21C1/07; G21C3/22	UNIV CALIFORNIA [US]	ANNULAR CORE LIQUID-SALT COOLED REACTOR WITH MULTIPLE FUEL AND BLANKET ZONES
US2012043475 A1 20120223	US201113185903 20110719; US20080272966 20081118; US20070988838P 20071119; US20070992111P 20071204; US20080077150P 20080630	G21K5/08	PYRONIA MEDICAL TECHNOLOGIES INC [US]	PATIENT POSITIONING SYSTEM AND METHODS FOR DIAGNOSTIC RADIOLOGY AND RADIOTHERAPY
US2012027155 A1 20120202	US201113190511 20110726; US20100369583P 20100730	G21C19/20; G21C11/00	KAMATH HARISH [US]; HARRIS JR JAMES R [US]; BALIGA RAVI [US]	Integrated Reactor Missile Shield and Crane Assembly
US2012025094 A1 20120202	US201113190871 20110726; EP20100007939 20100729; US20100368718P 20100729	G21K1/08	ZEISS CARL NTS GMBH [DE]	CHARGED PARTICLE BEAM SYSTEM

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US2012027157 A1 20120202	US201113191627 20110727; ZA20040003297 20040530; WO20051B51572 20050513; US20060605929 20061129	G21C15/00; G21C3/32	PEBBLE BED MODULAR REACTOR PTY	Nuclear Plant
US2012025105 A1 20120202	US201113192061 20110727; CA20102713972 20100831; US20100368115P 20100727	G21K5/10	MEVEX CORP [CA]	POWER CONCENTRATOR FOR TRANSMUTING ISOTOPES
WO2012015974 A1 20120202	US201113192300 20110727; US20100368762P 20100729	G21C3/00	OREGON STATE [US]; REESE STEVEN RICHARD [US]; PALMER TODD STEPHEN [US]; KELLER STEPHEN TODD [US]; MUNK MADICKEN [US]	ISOTOPE PRODUCTION TARGET
US2012027650 A1 20120202	US201113196795 20110802; US20100369931P 20100802	G02B21/26; B01L9/00; G21K5/08	MICROSCOPY INNOVATIONS LLC	METHODS AND DEVICES FOR PREPARING MICROSCOPY SAMPLES
US2012112092 A1 20120510	US201113200803 20110930; US201113249551 20110930; US20090454109 20090512; US20070687225 20070316; US20060747734P 20060519	G21K5/08; A61N5/00	POMPER MARK ELLIOT [US]; JOCIC ALEKSANDAR [US]	Mobile radiation therapy

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US2012039430 A1 20120216	US201113210518 20110816; US20100374227P 20100816	G21G1/02; B01J19/00	ABEL CAL R [US]	NUCLEAR POWERED FACILITY THAT GENERATES CONSUMABLE FUELS
US2012043483 A1 20120223	US201113210985 20110816; US20100374843P 20100818	G21F1/02	HONEYWELL FED MFG & TECHNOLOGIES LLC [US]	BORON CAGE COMPOUND MATERIALS AND COMPOSITES FOR SHIELDING AND ABSORBING NEUTRONS
US2012050703 A1 20120301	US201113214470 20110822; DE201010039965 20100831; US20100378413P 20100831	G03F7/20; G02B7/192; G03B27/70; G21K5/00	ZEISS CARL SMT GMBH [DE]	EUV COLLECTOR
US2012080978 A1 20120405	US201113215048 20110822; US20100388561P 20100930	G21H1/02	MAKHLOUF SAADE [LB]; EZZEDDINE KHALIL [LB]	RADIOACTIVE ISOTOPE ELECTROSTATIC GENERATOR
US2012024718 A1 20120202	US201113215207 20110822; US20100949736 20101118; US20090577130 20091009; US20040935786 20040907; US20020196466 20020715; US20030500445P 20030905; US20060789670P 20060405; US20010305833P 20010716	B01J19/12; A62D3/19; B01J19/08; B01J19/10; C02F1/30; C02F1/32; C02F1/36; C02F1/461; G21F9/00	FORET PLASMA LABS LLC [US]	METHOD FOR TREATING A SUBSTANCE WITH WAVE ENERGY FROM PLASMA AND AN ELECTRICAL ARC

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US2012056088 A1 20120308	US201113223276 20110831; US20100378643P 20100831	G21K5/04; H01J37/26	FEI CO [US]	Navigation and Sample Processing Using an Ion Source Containing both Low-Mass and High-Mass Species
US2012056102 A1 20120308	US201113225253 20110902; US20080291077 20081106	G21K5/08	STANLEY KENNETH A [US]; ARMSTRONG BRUCE C [US]; RUGGIRELLO THOMAS F [US]; SMITH TROY DANIEL [US]; STANLEY JR KENNETH A [US]	Ultraviolet Light Sanitizing Method and Apparatus
US2012063569 A1 20120315	US201113227517 20110908; US20100381639P 20100910	G21K1/06	BROOKHAVEN SCIENCE ASS LLC [US]	Two-Axis Sagittal Focusing Monochromator
US2012061581 A1 20120315	US201113228187 20110908; US20100381276P 20100909	G21K1/02; G01T1/16	HUGG JAMES W [US]; LIU ANG [US]; WAGENAAR DOUGLAS J [US]; PATT BRADLEY E [US]	MIXED RESOLUTION AND MULTIPLEXING IMAGING METHOD AND SYSTEM
US2012099692 A1 20120426	US201113230434 20110912; US20100405245P 20101021; US20100405298P 20101021	G21C19/00	WESTINGHOUSE ELECTRIC CORP [US]	SUBMERSIBLE MACHINE STRUCTURED TO CARRY A TOOL TO A LIMITED ACCESS LOCATION WITHIN A NUCLEAR CONTAINMENT
US2012063558 A1 20120315	US201113232166 20110914; US20090618821 20091116	G21B1/00; H01J35/04	REIJONEN JANI [US]; GROVES JOEL L [US]	Floating Intermediate Electrode Configuration for Downhole Nuclear Radiation Generator
US2012094897 A1 20120419	US201113232815 20110914; US20100383220P 20100915; US201161473608P 20110408	A61K38/06; A61P1/16; A61P31/14; C07K5/083; C07K5/093	INTERMUNE INC [US]	NOVEL INHIBITORS OF HEPATITIS C VIRUS REPLICATION

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US2012069332 A1 20120322	US201113236994 20110920; US20100384558P 20100920	G01J3/44; G01J3/30; G01N21/64; G21K5/00	FRANKEL ROBERT D [US]	METHOD AND SYSTEM FOR RAMAN, FLUORESCENCE, LITHOGRAPHIC, STIMULATED EMISSION AND PHOTOCHEMICAL IMAGING BEYOND THE DIFFRACTION LIMIT
US2012012759 A1 20120119	US201113243431 20110923; JP20070316895 20071207; JP20080060653 20080311; US20080328131 20081204	G02F1/37; G02F1/13357; G21K5/00; H01S3/10	FURUYA HIROYUKI [JP]; SHIKII SHINICHI [JP]; YAMAMOTO KAZUHISA [JP]; KUSUKAME KOICHI [JP]	WAVELENGTH CONVERSION LASER LIGHT SOURCE, LASER LIGHT SOURCE DEVICE AND TWO-DIMENSIONAL IMAGE DISPLAY DEVICE ADOPTING THE SAME, AND METHOD OF SETTING TEMPERATURE OF WAVELENGTH CONVERSION ELEMENT
US2012071007 A1 20120322	US201113245778 20110926; US20100807347 20100901; US20080152019 20080512	H01L21/26; G21K5/00	ULTRATECH INC [US]	SUBSTRATE PROCESSING WITH REDUCED WARPAGE AND/OR CONTROLLED STRAIN
US2012080618 A1 20120405	US201113251047 20110930; US20100388723P 20101001	G21K5/00	CLAYTON JAMES E [US]; LOVOI PAUL A [US]; LEEMANS WIM [US]	LASER ACCELERATOR DRIVEN PARTICLE BRACHYTHERAPY DEVICES, SYSTEMS, AND METHODS
US2012027151 A1 20120202	US201113252173 20111003; US20060371207 20060307; US20050659738P 20050307	G21B1/05; H05H1/46	UNIV CALIFORNIA [US]	INDUCTIVE PLASMA SOURCE AND PLASMA CONTAINMENT
US2012085935 A1 20120412	US201113253803 20111005; US20100404761P 20101008	G21K5/00; F21L14/02	NASEF RICHARD [US]	Apparatus for Seeing Fluorescent Indicia in Dark Conditions

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US2012140863 A1 20120607	US201113253927 20111005; RU20100149620 20101206; RU20100149621 20101206; US201161534177P 20110913; US201161534219P 20110913	G21G1/12	KAREV ALEXANDER IVANOVICH [RU]; RAEVSKY VALERY GEORGIEVICH [RU]; DZHILAVYAN LEONID ZAVENOVICH [RU]; BROTHERS LOUIS JOSEPH [US]; WILHIDE LARRY K [US]	METHODS OF DETECTION AND IDENTIFICATION OF CARBON- AND NITROGEN-CONTAINING MATERIALS
US2012025108 A1 20120202	US201113269497 20111007; US20090603580 20091021; US20090618722 20091114; US20090237290P 20090826	G21K5/10; G06F17/50	D2S INC [US]	Method for Fracturing and Forming a Pattern Using Curvilinear Characters with Charged Particle Beam Lithography
US2012087477 A1 20120412	US201113271018 20111011; US20100391536P 20101008	G21K1/00; B23P11/00	BECK THOMAS J [US]	THREE-DIMENSIONAL FOCUSED ANTI-SCATTER GRID AND METHOD FOR MANUFACTURING THEREOF
US2012141323 A1 20120607	US201113274959 20111017; US20100393905P 20101017	A61L2/10; G21K5/00	FOGG BENJAMIN [US]	SYSTEMS AND METHODS FOR UV SANITIZATION AND STERILIZATION
US2012041249 A1 20120216	US201113277280 20111020; US20070976341 20071024	G21F9/16	ATOMIC ENERGY COUNCIL [TW]	METHOD FOR SOLIDIFYING AND STABILIZING WASTE ACID
US2012082286 A1 20120405	US201113278315 20111021; US20080152386 20080514; US20070930059P	G21C15/00	STC UNM [US]	METHODS AND APPARATUSES FOR REMOVAL AND TRANSPORT OF THERMAL ENERGY

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	20070514			
US2012148006 A1 20120614	US201113280478 20111025; US20100422685P 20101214	G21C7/12	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR REACTOR CONTROL ROD DRIVE MECHANISM
US2012039428 A1 20120216	US201113280936 20111025; US20100786879 20100525; US20070711614 20070228	G21C19/00	KETCHAM DAVID P [US]; FULLERTON VERNON JOHN [US]; SMITH DAVID GREY [US]; ROBINSON REX GORMEN [US]; LUCIANO GERALD A [US]	METHOD FOR ALIGNING AND HANDLING FUEL RODS WITHIN A NUCLEAR FUEL BUNDLE
US2012106714 A1 20120503	US201113280941 20111025; US20100407113P 20101027; US201161533407P 20110912	G21K5/10; G21K1/02; G21K1/04	AMERICAN SCIENCE & ENG INC [US]	Versatile X-Ray Beam Scanner
US2012099827 A1 20120426	US201113281230 20111025; US20070862474 20070927; US20060827206P 20060927	G02B6/00; G21G4/00	RAHMAN ANIS [US]; RAHMAN AUNIK K [US]	DENDRIMER BASED TERAHERTZ GENERATOR
US2012040279 A1 20120216	US201113282446 20111026; US20090540322 20090812; US20080202364 20080901; US20090473241 20090527; US20090224849P 20090710	G03F1/78; B41C1/14; G06F17/50; G21K5/00	D2S INC [US]	METHOD, DEVICE, AND SYSTEM FOR FORMING CIRCULAR PATTERNS ON A SURFACE

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US2012045038 A1 20120223	US201113284701 20111028; US20100877019 20100907; US20080033843 20080219; US20050314138 20051221; US20040887507 20040707; US20030393836 20030320; WO2002US34556 20021028; US20010340430P 20011030	G21K5/08; A61B6/04; A61B6/08; A61N5/10	UNIV LOMA LINDA MED [US]	METHOD AND DEVICE FOR DELIVERING RADIOTHERAPY
US2012047475 A1 20120223	US201113285650 20111031; JP20030190341 20030702; US20080267465 20081107; US20040882217 20040702	G03F1/08; G06F17/50; G03C5/00; G03F1/14; G03F9/00; G21K5/10; H01J37/08; H01L21/00; H01L21/027	TOSHIBA KK [JP]	SEMICONDUCTOR DEVICE
US2012112091 A1 20120510	US201113286450 20111101; US20100410295P 20101104; US201161431063P 20110110	H01J3/14; B01J19/08; G21K5/00; H01J3/26	UNIV NAT TAIWAN [TW]	METHOD FOR ADJUSTING STATUS OF PARTICLE BEAMS FOR PATTERNING A SUBSTRATE AND SYSTEM USING THE SAME

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US2012063276 A1 20120315	US201113290147 20111107; US20090318619 20090102; US20050148262 20050609; WO2003IL01045 20031209; US20020431709P 20021209; US20030458378P 20030331; US20040607588P 20040908; US20040592523P 20040802	G11B11/00; C07K2/00; C07K9/00; C09K5/00; G21K5/00; H01J1/62; H01J3/26; H01L51/10	UNIV RAMOT [IL]	PEPTIDE NANOSTRUCTURES AND METHODS OF GENERATING AND USING THE SAME
US2012114088 A1 20120510	US201113290282 20111107; US20100411390P 20101108; US201161425198P 20110201	G21B1/11	L LIVERMORE NAT SECURITY LLC [US]	Indirect Drive Targets for Fusion Power
US2012051481 A1 20120301	US201113290711 20111107; WO2010US33979 20100507; US20090176512P 20090508	G21C1/06; G21C1/16; G21C1/22	SHU FRANK H [US]	TWO-FLUID MOLTEN-SALT REACTOR
US2012075457 A1 20120329	US201113291971 20111108; US20080344037 20081224; US20080235479 20080922; US20060379648	G01N21/17; H04N7/18; G02B21/00; G02B21/26; G02B21/32; G02B21/36; G06T1/00;	APERIO TECHNOLOGIES INC [US]	Fully Automatic Rapid Microscope Slide Scanner

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	20060421; US20030371586 20030221; US20000563437 20000503	G21K7/00; H04N1/04		
US2012057666 A1 20120308	US201113295163 20111114; US20070800610 20070507; US20060799202P 20060509	G21B1/00	JACOBSON JOSEPH M [US]	FUSION ENERGY PRODUCTION
US2012057953 A1 20120308	US201113295630 20111114; US20090627211 20091130; US20050070094 20050303; US20030611430 20030702; US20020393637P 20020703	B65G47/74; A47G19/03; A47G23/06; B65D1/34; B65D21/02; B65D25/20; B65D81/38; B65D85/00; G08B13/00; G09F23/00; G21K1/12; H05G1/60	AMBREFE JR JOSEPH T [US]	ADVERTISING TRAYS FOR SECURITY SCREENING

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US2012108044 A1 20120503	US201113300575 20111119; US201113048367 20110315; US20100913721 20101027; US20100378353P 20100830; US20100375031P 20100818; US20100358514P 20100625; US20100349202P 20100527; US20090255097P 20091027	H01L21/265; G21K5/00	ADVANCED TECH MATERIALS [US]	ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME
US2012069945 A1 20120322	US201113301213 20111121; US20090555367 20090908	G21B1/00	SOLARIS NANOSCIENCES CORP [US]	INTERACTIONS OF CHARGED PARTICLES ON SURFACES FOR FUSION AND OTHER APPLICATIONS
WO2012071483 A2 20120531	US201113303188 20111123; US20100416371P 20101123	G06F19/00; G21C17/07	WESTINGHOUSE ELECTRIC CORP [US]	FULL SPECTRUM LOCA EVALUATION MODEL AND ANALYSIS METHODOLOGY
EP2466592 A1 20120620	US201113303218 20111123; US20100423288P 20101215	G21F9/12; B01J39/16	ELECTRIC POWER RES INST [US]	Capture, removal, and disposal of radioactive species in an aqueous solution
US2012126134 A1 20120524	US201113303694 20111123; US20090361810 20090129; US20080024373P 20080129; US20080083590P	G21K5/00; G01J1/44	DEAL JEFFERY L [US]; UFKES PHILIP J [US]	DISINFECTION DEVICE AND METHOD

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	20080725			
US2012114101 A1 20120510	US201113303736 20111123; US20080035795 20080222; US20070891277P 20070223	G21K1/06	LEDOUX ROBERT J [US]; BERTOZZI WILLIAM [US]; KORBLY STEPHEN E [US]	METHODS AND SYSTEMS FOR THE DIRECTING AND ENERGY FILTERING OF X-RAYS FOR NON- INTRUSIVE INSPECTION
US2012072615 A1 20120322	US201113305207 20111128; US20090416641 20090401; US20030694730 20031029; US20020421780P 20021029	G06F3/00; G01R31/08; G01R31/28; G21C17/00; H04J1/16; H04J3/04; H04J3/14; H04L1/00; H04L12/26; H04L12/40; H04Q11/00	BROADCOM CORP [US]	Programmable Management IO Pads for an Integrated Circuit
US2012068091 A1 20120322	US201113306358 20111129; JP20080249186 20080926; JP20090216203 20090917; US20090566865 20090925	G21K5/00; H01S3/04	GIGAPHOTON INC [JP]	EXTREME ULTRAVIOLET LIGHT SOURCE DEVICE, LASER LIGHT SOURCE DEVICE FOR EXTREME ULTRAVIOLET LIGHT SOURCE DEVICE, AND METHOD FOR CONTROLLING SATURABLE ABSORBER USED IN EXTREME ULTRAVIOLET LIGHT SOURCE DEVICE

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US2012142991 A1 20120607	US201113306948 20111129; US20070871090 20071011; US20060850733P 20061011	G21F9/36; B65D69/00; G21F5/00	SINGH KRISHNA P [US]; AGACE STEPHEN J [US]	APPARATUS FOR PROVIDING ADDITIONAL RADIATION SHIELDING TO A CONTAINER HOLDING RADIOACTIVE MATERIALS, AND METHOD OF USING THE SAME TO HANDLE AND/OR PROCESS RADIOACTIVE MATERIALS
US2012082296 A1 20120405	US201113310485 20111202; US201113019304 20110201; US20090417720 20090403; US201113324552 20111213; US20080049395P 20080430; US20080049404P 20080430; US20080073432P 20080618	G21K5/00	XYLECO INC [US]	CELLULOSIC AND LIGNOCELLULOSIC STRUCTURAL MATERIALS AND METHODS AND SYSTEMS FOR MANUFACTURING SUCH MATERIALS
US2012138818 A1 20120607	US201113312167 20111206; US20100961616 20101207; US20100420955P 20101208	G21K5/08	PUGH RANDALL B [US]; KERNICK EDWARD R [US]; NEELEY WILLIAM CHESTER [US]; ABOUHALKAH DWIGHT [US]; RIALL JAMES DANIEL [US]	OPHTHALMIC LENS DISINFECTING BASE UNIT WITH PROGRAMMABLE AND COMMUNICATION ELEMENTS
US2012138230 A1 20120607	US201113312957 20111206; US20100420143P 20101206	B65G15/48; C23C16/458; C23F1/08; G21K5/10	BLUCK TERRY [US]; CHO YOUNG KYU [US]; GRIMARD DENNIS [US]; JANAKIRAMAN KARTHIK [US]; CHUN MOON [US]	SYSTEMS AND METHODS FOR MOVING WEB ETCH, CVD, AND ION IMPLANT
US2012097532 A1 20120426	US201113317838 20111028; US20020214372	G21B1/19; C25B9/00; G21B1/00;	DELUZE JAMES ROBERT [US]	Apparatus for hot fusion of fusion-reactive gases

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	20020806; US20010311453P 20010808	G21B1/11		
US2012083644 A1 20120405	US201113323743 20111212; US20050054898 20050210; US20040803620 20040318	G21F9/00; G21C19/00; G21C19/06	SINGH KRISHNA P [US]	SYSTEMS AND METHODS FOR STORING SPENT NUCLEAR FUEL
US2012087478 A1 20120412	US201113324767 20111213; US20090568619 20090928	G21K3/00	VARIAN MED SYS INC [US]	BEAM FILTER POSITIONING DEVICE
US2012091361 A1 20120419	US201113326389 20111215; WO2005JP24266 20051228; US20080087152 20080627; WO2006JP326127 20061227	G21K1/093	SUZUKI TAKASHI [JP]	SPIN ISOLATION APPARATUS, SPIN ASYMMETRIC MATERIAL PRODUCING METHOD, CURRENT SOURCE, AND SIGNAL PROCESSING METHOD
US2012155596 A1 20120621	US201113326465 20111215; US201061424745P 20101220	G21C17/10	WESTINGHOUSE ELECTRIC CORP [US]	NUCLEAR CONTROL ROD POSITION INDICATION SYSTEM
US2012091370 A1 20120419	US201113326612 20111215; JP20080003504 20080110; US20090350394 20090108	G21K5/00	TOSHIBA KK [JP]	IMPRINT MASK MANUFACTURING METHOD, IMPRINT MASK MANUFACTURING DEVICE, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

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US2012085924 A1 20120412	US201113326783 20111215; JP19970196213 19970722; JP19970263184 19970929; JP19970263185 19970929; US20080168238 20080707; US20070701413 20070202; US20060452378 20060614; US20060390201 20060328; US20040941913 20040916; US20030395237 20030325; US19980202540	G21K5/08; G01N1/28; H01J37/305	TOMIMATSU SATOSHI [JP]; UMEMURA KAORU [JP]; MADOKORO YUICHI [JP]; KAWANAMI YOSHIMI [JP]; DOI YASUNORI [JP]	METHOD AND APPARATUS FOR SPECIMEN FABRICATION
US2012087456 A1 20120412	US201113328812 20111216; JP20080113116 20080423; US20110989341 20110114; WO2009JP57995 20090422	G21C9/00	TOSHIBA KK [JP]	APPARATUS AND METHOD FOR REINFORCING PIPING ARRANGEMENT OF REACTOR CORE SPRAY SYSTEM
WO2012088229 A1 20120628	US201113329497 20111219; US201061425811P 20101222	G21G1/00	WESTINGHOUSE ELECTRIC CORP [US]	SUPPORT APPARATUS FOR SUPPORTING DOSIMETRY SYSTEM IN PROXIMITY TO REACTOR APPARATUS

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US2012157346 A1 20120621	US201113332715 20111221; US20080029189 20080211; US20030624020 20030721; US20010768414 20010124; US19990397793 19990917; US19980171550 19981026; WO1997US08159 19970424; US19960016642P 19960425	C40B40/00; G01N33/48; B01L3/00; C12Q1/68; G01N15/02; G01N27/447; G01N30/00; G01N33/543; G01N37/00; G21K1/00	BIOARRAY SOLUTIONS LTD	Programmable illumination pattern for transporting microparticles
US2012094412 A1 20120419	US201113334757 20111222; US20040946649 20040922; JP20030344202 20031002; US201113034771 20110225; US20090432503 20090429; US20080970318 20080107	G02F1/1368; H01L33/08; B01J35/02; B05D3/00; B05D5/12; C08J7/18; G21H1/00; H01L21/027; H01L21/28; H01L21/288; H01L21/3205; H01L21/336; H01L21/768; H01L29/786; H01L51/00	SEMICONDUCTOR ENERGY LAB [JP]	METHOD FOR MANUFACTURING WIRING, THIN FILM TRANSISTOR, LIGHT EMITTING DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE, AND DROPLET DISCHARGE APPARATUS FOR FORMING THE SAME

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US2012164022 A1 20120628	US201113334981 20111222; US201061425874P 20101222; US201161466545P 20110323; US201161521082P 20110808	A61L2/08; B09C1/00; G21K5/00	GOJI LTD	METHODS AND DEVICES FOR PROCESSING OBJECTS BY APPLYING ELECTROMAGNETIC (EM) ENERGY
US2012163551 A1 20120628	US201113335863 20111222; NL20102005900 20101222; US201061426933P 20101223	H05G1/02; G21K1/02	JAGER WIM DE [NL]	MOBILE X-RAY UNIT
US2012091363 A1 20120419	US201113336155 20111223; DE200810045336 20080901; US20090542926 20090818	G21K5/08	ZEISS CARL NTS GMBH [DE]	PROCESSING SYSTEM
US2012108958 A1 20120503	US201113337236 20111226; US20070702950 20070205; WO2002US27796 20020829; US20010316711P 20010830; US20020370605P 20020405; US20020382042P 20020520; US20020388428P 20020529	A61B6/03; G21K1/00; A61B5/055; A61B6/00; A61N5/10; G01T1/161; G01T1/164; G21K5/00; G21K5/04; H05H13/04	JACKSON GERALD P [US]	ANTIPROTON PRODUCTION AND DELIVERY FOR IMAGING AND TERMINATION OF UNDESIRABLE CELLS

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US2012091371 A1 20120419	US201113337595 20111227	G21K1/00	HJ LAB LLC [US]	APPARATUS AND METHOD FOR REDUCING ABSORPTION OF RADIATION BY HEALTHY CELLS FROM AN EXTERNAL RADIATION SOURCE
US2012093274 A1 20120419	US201113340079 20111229; US20080183667 20080731	G21C19/00; G21C19/06	GLOBAL NUCLEAR FUEL AMERICAS [US]	CHANNEL CONFINEMENT METHOD FOR DRY-STORAGE OF BWR FUEL BUNDLES
US2012097871 A1 20120426	US201113341639 20111230; US20080199698 20080827	G21F3/00	VARIAN MED SYS INC [US]	ENERGY MODULATOR FOR MODULATING AN ENERGY OF A PARTICLE BEAM
US2012113517 A1 20120510	US201213343343 20120104; JP20060109958 20060412; JP20070059529 20070309; US20080225810 20080930; WO2007JP58048 20070412	G02B5/18; G21K5/00	TOYO SEIKAN KAISHA LTD [JP]	STRUCTURAL BODY, A METHOD FOR FORMING A STRUCTURAL BODY AND AN APPARATUS FOR FORMING A STRUCTURAL BODY
US2012104286 A1 20120503	US201213349002 20120112; JP20060249141 20060914; US201113275448 20111018; US20070851176 20070906	G21K5/10	NUFLARE TECHNOLOGY INC [JP]	METHOD FOR RESIZING PATTERN TO BE WRITTEN BY LITHOGRAPHY TECHNIQUE, AND CHARGED PARTICLE BEAM WRITING METHOD

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US2012133244 A1 20120531	US201213351223 20120116; US201113042444 20110307; US20100888521 20100923; US20100851555 20100806; US20090250504P 20091010; US20090231863P 20090806; US20100306541P 20100221	G21H1/02	SPENCER MICHAEL [US]; CHANDRASHEKHAR MVS [US]; THOMAS CHRIS [US]	Nuclear Batteries
US2012121054 A1 20120517	US201213357056 20120124; JP20070156183 20070613; US20080136356 20080610	G21C17/108	TOSHIBA KK [JP]	APPARATUS FOR INSPECTING AND TESTING STARTUP RANGE NEUTRON MONITORING SYSTEM
US8163236 B1 20120424	US201213357633 20120125; US20080033904 20080220; US20070893134P 20070306; US20070962876P 20070801	A61L2/20; A62D3/00; G21F9/00	STERIS INC [US]	TRANSPORTABLE DECONTAMINATION UNIT AND DECONTAMINATION PROCESS
US2012138819 A1 20120607	US201213359044 20120126; US20100961616 20101207; US20100346162P 20100519	G21K5/08	PUGH RANDALL B [US]; KERNICK EDWARD R [US]; PUTT KARSON S [US]; RIALI JAMES DANIEL [US]	UV RADIATION CONTROL FOR DISINFECTING OF OPHTHALMIC LENSES

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US2012119118 A1 20120517	US201213359315 20120126; JP20090005639 20090114; JP20090151445 20090625; JP20090290771 20091222; US20100685835 20100112	G21K5/00	GIGAPHOTON INC [JP]	EXTREME ULTRAVIOLET LIGHT SOURCE SYSTEM
US2012128111 A1 20120524	US201213363010 20120131; JP20040357319 20041209; US20050296438 20051208	G21C17/00	TOKYO ELECTRIC POWER CO [JP]; TOSHIBA KK [JP]	NUCLEAR POWER PLANT, METHOD OF FORMING CORROSION-RESISTANT COATING THEREFOR, AND METHOD OF OPERATING NUCLEAR POWER PLAN
US2012132801 A1 20120531	US201213366874 20120206; JP19970212908 19970807; US20080211343 20080916; US20070798239 20070511; US20050319279 20051229; US20050108877 20050419; US20020083481 20020227; US20010883184 20010619; US19980131383 19980807	G01Q30/02; H01J37/28; G01N23/00; G01N23/20; G01N23/225; G21K1/08; G21K7/00; H01J37/22; H01J37/244; H01J37/256; H01L21/66	IWABUCHI YUKO [JP]; TODOKORO HIDEO [JP]; MORI HIROYOSHI [JP]; SATO MITSUGU [JP]; USAMI YASUTSUGU [JP]; ICHIHASHI MIKIO [JP]; FUKUHARA SATORU [JP]; SHINADA HIROYUKI [JP]; KANEKO YUTAKA [JP]; SUGIYAMA KATSUYA [JP]; TAKAFUJI ATSUKO [JP]; TOYAMA HIROSHI [JP]	METHOD AND AN APPARATUS OF AN INSPECTION SYSTEM USING AN ELECTRON BEAM

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US2012140866 A1 20120607	US201213372002 20120213; JP20070252106 20070927; JP20080139737 20080528; US201113176429 20110705; US20080190795 20080813	G21C15/00	HITACHI GE NUCLEAR ENERGY LTD [JP]	FAST BREEDER REACTOR TYPE NUCLEAR POWER PLANT SYSTEM
US2012145921 A1 20120614	US201213398112 20120216; JP20060016519 20060125; JP20060058847 20060306; JP20060058862 20060306; US20080162067 20080724; WO2007JP51047 20070124	G21K5/10	EBARA CORP [JP]	METHOD AND APPARATUS FOR INSPECTING SAMPLE SURFACE
US2012155608 A1 20120621	US201213406301 20120227; US20090471695 20090526	G21K5/00	INFINEON TECHNOLOGIES AG [DE]	Lithography Masks, Systems, and Manufacturing Methods
US2012161040 A1 20120628	US201213416884 20120309; JP20080250744 20080929; JP20090212884 20090915; US20090569194 20090929	G21K5/00	GIGAPHOTON INC [JP]	EXTREME ULTRAVIOLET LIGHT SOURCE APPARATUS AND METHOD OF GENERATING EXTREME ULTRAVIOLET LIGHT

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KR20120031523 A 20120403	WO2004FR01349 20040601	G21C7/02; C22C16/00; C22F1/18; G21C3/07	AREVA NP [FR]	METHOD FOR OPERATING A NUCLEAR REACTOR AND USE OF A SPECIFIC PENCIL CLADDING ALLOY FOR REDUCING PELLET/CLADDING DAMAGE
ES2383695T T3 20120625	WO2005JP13683 20050720; JP20040214452 20040722; JP20050184490 20050624	H01J37/305; G03F7/20; G11B9/10; G21K1/087; H01J37/09; H01J37/10	RICOH CO LTD [JP]; CRESTEC CORP [JP]; RICOH CO LTD [JP]; CRESTEC CORP [JP]	Aparato de aplicación de haz de electrones para grabar información
HK1116534 A1 20120330	WO2005US26479 20050726; US20040591232P 20040726	G01B21/04D; G21C17/007	ELECTRIC POWER RES INST [US]	MEASUREMENT DEVICE
AT544160T T 20120215	WO2007EP60235 20070926; WO2008EP62955 20080926	G21K1/08; A61L2/00; A61L2/08; A61N5/10; G01V5/00; G21K5/04; G21K5/10; H05G2/00	ION BEAM APPLIC SA [BE]	PARTIKELSTRAHLTRANSPORTGERÄT UND VERFAHREN FÜR DEN TRANSPORT EINES PARTIKELSTRAHLS MIT KLEINER STRAHLFLECKGRÖSSE
EP2423924 A1 20120229	WO2008JP53613 20080229; JP20070053160 20070302	G21C19/02; B23K26/00; B23P17/00; C21D9/50; G21C17/003	TOSHIBA KK [JP]	MAINTENANCE AND REPAIR DEVICE FOR STRUCTURE INSIDE NUCLEAR REACTOR
AT538476T T 20120115	WO2008US82634 20081106; US20070988382P 20071115; US20080136625 20080610	G21C1/08; G21C1/32	OREGON STATE [US]	STABILES ANLAUFSYSTEM FÜR EINEN KERNREAKTOR

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AR079597 A1 20120208	WO2009CA01383 20090930	G21C17/07	ATOMIC ENERGY OF CANADA LTD [CA]	HERRAMIENTA DE MUESTREO CIRCUNFERENCIAL QUE TIENE MULTIPLES CORTADORES DE MUESTRA
DE112009004907T T5 20120614	WO2009EP04208 20090610	G21B1/13	MAX PLANCK GESELLSCHAFT [DE]	Oberflächenkühleinrichtung und thermische Abschirmung
ES2376847T T3 20120320	WO2009EP58436 20090703; FR20080054576 20080704	G21C19/07; G21C19/40	TN INT [FR]	Bastidor para el almacenamiento de conjuntos de combustible nuclear, frescos o irradiados
CN102326208 A 20120118	WO2009FR52715 20091229; FR20080059112 20081230	G21C17/108; G01T3/00	AREVA NP [FR]	Method for measuring the neutron flux in the core of a nuclear reactor using a cobalt detector, and associated device
US2012102983 A1 20120503	WO2009IB07801 20091217; IT2008PO00019 20081217	F25D31/00; A61L2/10; G21K5/08	PARMEGANI LODOVICO [IT]	DEVICE AND METHOD FOR STERILIZING LIQUID NITROGEN BY ULTRAVIOLET RADIATION
EP2451574 A1 20120516	WO2009IN00393 20090709	B01J47/00; B01J20/28; B01J39/02; G21F9/12	SECRETARY DEPT OF ATOMIC ENERGY [IN]	A POLYMER COMPOSITE FOR EXTRACTING CESIUM FROM NUCLEAR WASTE AND/ OR OTHER INORGANIC WASTES/ SOLUTIONS
EP2459522 A1 20120606	WO2009IN00499 20090911; IN2009MU01748 20090730	C07C237/06; C22B3/00; C22B59/00; G21C19/46	SECRETARY DEPT OF ATOMIC ENERGY [IN]	DIALKYLDIAZA-TETRAALKYLOCTANE DIAMIDE DERIVATIVES USEFUL FOR THE SEPARATION OF TRIVALENT ACTINIDES FROM LANTHANIDES AND PROCESS FOR THE PREPARATION THEREOF
MX2011011675 A 20120228	WO2009IT00203 20090505	A61L2/08; B67B3/00; G21K5/04	SIDEL SPA CON SOCIO UNICO [IT]	A UNIT AND A METHOD FOR STERILIZING CONTAINER CLOSURES.

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EP2434498 A1 20120328	WO2009JP06990 20091217; JP20090121190 20090519	G21C17/003	MITSUBISHI HEAVY IND LTD [JP]	TWO-PHASE FLOW EXCITING FORCE EVALUATION METHOD AND TWO-PHASE FLOW EXCITING FORCE EVALUATION DEVICE
EP2402789 A1 20120104	WO2009JP55474 20090319; JP20090045688 20090227	G01T1/29; G21K1/00; H05G2/00	JTEC CORP [JP]; UNIV OSAKA [JP]	METHOD AND APPARATUS OF PRECISELY MEASURING INTENSITY PROFILE OF X-RAY NANOBEAM
CN102414760 A 20120411	WO2009JP60530 20090609	G21K5/04; A61N5/10	MITSUBISHI ELECTRIC CORP [JP]	PARTICLE BEAM RADIATION DEVICE
CN102414759 A 20120411	WO2009JP60531 20090609	G21K5/04; A61N5/10	MITSUBISHI ELECTRIC CORP [JP]	PARTICLE BEAM RADIATION DEVICE
EP2444106 A1 20120425	WO2009JP62570 20090703; JP20090146555 20090619	A61K51/00; G21G4/08	KAKEN CO LTD [JP]	METHOD AND SYSTEM FOR CONCENTRATING RADIOACTIVE TECHNETIUM AS RAW MATERIAL FOR RADIOACTIVE DRUG AND LABELING COMPOUND THEREFOR AND COLLECTING THE SAME BY ELUTION
EP2442090 A1 20120418	WO2009JP71149 20091218; JP20090139463 20090610	G01N3/08; F22B1/16; F22B37/20; G21C17/00; G21D1/00	MITSUBISHI HEAVY IND LTD [JP]	INPLANE COMPRESSIVE STRENGTH EVALUATION DEVICE AND METHOD
US2012045030 A1 20120223	WO2009KR02351 20090504	G21C3/07; C25D7/04	POSTECH ACAD IND FOUND [KR]	METHOD FOR FORMING ROUGHNESS ON SURFACE OF NUCLEAR FUEL ROD CLADDING INCLUDING ZIRCONIUM
EP2403599 A1 20120111	WO2009RU00105 20090304	A61N5/10; G21G1/00; G21G4/00; H05H7/08; H05H13/04	PROTOM AOZT [RU]	MULTI-FIELD CHARGED PARTICLE CANCER THERAPY METHOD AND APPARATUS

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AU2009346208 A1 20120119	WO2009US02998 20090513	G21G1/00; G21H5/00	LANTHEUS MEDICAL IMAGING INC [US]	Radionuclide generator and method of sterilization
EP2419760 A1 20120222	WO2009US40681 20090415	G01T1/24; G21K4/00; H01J31/50	HEWLETT PACKARD DEVELOPMENT CO [US]	X-RAY IMAGING APPARATUS
US2012085906 A1 20120412	WO2009US47474 20090616; US20090994344 20090616; US20080074361P 20080620	G01N23/00; G01N1/28; G21K5/00	CARL ZEISS NTS LLC [US]	CROSS-SECTION SYSTEMS AND METHODS
EP2438597 A1 20120411	WO2009US56203 20090908; US20090182936P 20090601	G21B1/00	LAWANDY NABIL M [US]	INTERACTIONS OF CHARGED PARTICLES ON SURFACES FOR FUSION AND OTHER APPLICATIONS
CN102326210 A 20120118	WO2009US67467 20091210; US20080344340 20081226	G21G1/10	CLEAR VASCULAR INC	Compositions of high specific activity Sn-117m and methods of preparing the same
EP2401746 A2 20120104	WO2009US68602 20091217; US20080343033 20081223	G21G1/00	KESSLER STEPHEN BURNS [US]	METAMATERIAL SPHERIC ALIGNMENT MECHANISM
US2012140231 A1 20120607	WO2010AU00511 20100503; AU20090901924 20090501; AU20090901922 20090501; AU20090901925 20090501; AU20090901926 20090501; AU20090901923 20090501;	G01N21/59; F21V9/00; G21K5/00	XTRAILS TECHNOLOGIES LTD [BS]	PARTICLE DETECTORS

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	AU20090901927 20090501			
CN102483370 A 20120530	WO2010CA00781 20100521; US20090219655P 20090623	G01N1/08; G21C17/017	ATOMIC ENERGY OF CANADA LTD [CA]	Circumferential Sampling Tool
CN102460143 A 20120516	WO2010CA00942 20100625; US20090220402P 20090625	G01N27/90; F22B17/16; F22B37/10; F28F13/18; G01B7/06; G01N27/82; G21C17/017	ATOMIC ENERGY OF CANADA LTD [CA]	Atomic energy of canada ltd
WO2012009781 A1 20120126	WO2010CA01123 20100721	G21F9/00; G21F9/28	ATOMIC ENERGY OF CANADA LTD [CA]; SPERANZINI ROBERT A [CA]; MILLER DOUGLAS [CA]; SEMMLER JALEH	REACTOR DECONTAMINATION PROCESS AND REAGENT
US2012132829 A1 20120531	WO2010CN79154 20101126; CN20101536877 20101105	G21K5/00; B01D46/00; B25J18/02	SHENZHEN CHINA STAR OPTOELECT [CN]	ROBOTIC ARM AND TRANSPORTING DEVICE WITH THE SAME
EP2438598 A1 20120411	WO2010DE00436 20100417; DE200910023544 20090530	G21G1/00; B01D59/38	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	ELECTROCHEMICAL CELL AND METHOD FOR SEPARATING CARRIER-FREE 18F- FROM A SOLUTION ON AN ELECTRODE

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EP2414791 A2 20120208	WO2010EP01965 20100329; DE200910015629 20090402	G01F23/22; F16L19/065; G21C17/035	AREVA NP GMBH [DE]	SEALING DEVICE FOR A LIQUID LEVEL SENSOR IN A PRESSURE VESSEL OF A NUCLEAR REACTOR
EP2429404 A1 20120321	WO2010EP02862 20100510; EP20090006483 20090513; EP20100721685 20100510	A61B6/03; A61B6/06; G21K1/02	HELMHOLTZ ZENTRUM MUENCHEN [DE]	TOMOGRAPHY APPARATUS AND TOMOGRAPHY METHOD
EP2427792 A1 20120314	WO2010EP02870 20100505; DE200910020144 20090505	G02B21/32; G01N21/77; G01N33/483; G21K1/00; H05H3/04	FRAUNHOFER GES FORSCHUNG [DE]	ARRANGEMENT AND METHOD FOR MOVING A MICROSCOPIC STRUCTURE
EP2406790 A1 20120118	WO2010EP52951 20100309; FR20090051519 20090311	G21C3/38; G21F5/008; G21F5/12	COMMISSARIAT ENERGIE ATOMIQUE [FR]	CASING FOR STORING USED NUCLEAR FUEL WITH EASY CLOSING
EP2419769 A1 20120222	WO2010EP53633 20100319; DE200910017095 20090415; US20090219583P 20090623	G02B5/08; G21K1/06	ZEISS CARL SMT GMBH [DE]	MIRROR FOR THE EUV WAVELENGTH RANGE, PROJECTION OBJECTIVE FOR MICROLITHOGRAPHY COMPRISING SUCH A MIRROR, AND PROJECTION EXPOSURE APPARATUS FOR MICROLITHOGRAPHY COMPRISING SUCH A PROJECTION OBJECTIVE
EP2419908 A1 20120222	WO2010EP54778 20100413; FR20090052433 20090414	G21F5/002; B09B3/00	TN INT [FR]	PACKAGING DEVICE FOR STORING AND/OR WAREHOUSING RADIOACTIVE PRODUCTS

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EP2451572 A1 20120516	WO2010EP55184 20100420; EP20090158223 20090420; EP20100713996 20100420	B01J20/06; B01J41/10; C01G25/02; C02F1/42; G21F9/12	FORTUM OYJ [FI]	NOVEL SORBENT, METHOD OF PRODUCING THE SAME AND THE USE THEREOF
US2012100038 A1 20120426	WO2010EP55276 20100421; NL20091036892 20090421	A61L2/08; G21K5/00	PURILL BV [NL]	Method and Device For Disinfection and/or Purification Of A Product
EP2433285 A1 20120328	WO2010EP56549 20100512; DE200910026405 20090520	F16L55/32; G01N27/90; G21C17/013; G21C17/017	AREVA NP GMBH [DE]	METHOD AND APPARATUS FOR INSPECTING AN ANNULAR WELD ON A MAIN COOLANT PIPE CONNECTED TO A REACTOR PRESSURE VESSEL IN A NUCLEAR POWER PLANT
EP2433287 A2 20120328	WO2010EP57009 20100520; FR20090053379 20090520	G21F9/30; B01J20/02; B01J20/06; B01J20/30; B01J39/16	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; UNIV MONTPELLIER II [FR]	SOLID NANOCOMPOSITE MATERIAL ON THE BASIS OF HEXA-AND OCTACYANOMETALLATES, THEIR PREPARATION METHOD AND METHOD FOR IMMOBILIZING MINERAL POLLUANTS BY USING THE SAME
EP2438341 A1 20120411	WO2010EP57681 20100602; FR20090053627 20090602	F16L27/02; B30B15/30; B65D88/66; F16L27/11; G21C3/02; G21C3/62	AREVA NC [FR]	CONNECTION DEVICE FOR A SYSTEM FOR FILLING JARS FOR THE PRODUCTION OF NUCLEAR FUEL
US2012160168 A1 20120628	WO2010EP57838 20100604; FR20090053740 20090605	H05H1/46; C01B6/00; C23C16/50; G21K5/04	COMMISSARIAT ENERGIE ATOMIQUE [FR]	PLASMA GENERATION DEVICE WITH ELECTRON CYCLOTRON RESONANCE
EP2449559 A1 20120509	WO2010EP59232 20100629; FR20090054532	G21C19/46; C01G43/025; C01G56/00	AREVA NC [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	IMPROVED METHOD FOR TREATING SPENT NUCLEAR FUEL

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	20090702			
EP2449560 A1 20120509	WO2010EP59411 20100701; DE200910031476 20090701	G21K1/06; G03F7/00	LANDESSTIFTUNG BADEN WUERTTEMBERG GGMBH [DE]	METHOD FOR PRODUCING A REFRACTIVE OPTICAL ELEMENT AND REFRACTIVE OPTICAL ELEMENT
CN102470306 A 20120523	WO2010EP60301 20100716; FR20090055029 20090720	B01D41/00; G21F9/00; G21F9/30	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AREVA NC [FR]	Method for regenerating a solid iodine filter
EP2443517 A1 20120425	WO2010EP60536 20100721; US20090237610P 20090827	G03F7/20; B81C1/00; B81C99/00; G02B5/22; G02B7/00; G21K1/06; H01L21/00	ASML NETHERLANDS BV [NL]; KONINKL PHILIPS ELECTRONICS NV [NL]	SPECTRAL PURITY FILTER AND METHOD FOR MANUFACTURING A SPECTRAL PURITY FILTER
CN102471824 A 20120523	WO2010EP60770 20100726; FR20090055239 20090727	C22B3/00; C01G56/00; C22B60/02; G21C19/46; G21F9/12	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AREVA NC [FR]	Method for selectively recovering americium from an aqueous nitric phase
CN102471992 A 20120523	WO2010EP61631 20100810; DE200910037565 20090814; US20090234014P 20090814	D06M11/79; D06M15/256; D06M15/277; D06M15/295; D06M15/564; D06M15/568; D06M15/572; D06N3/04; D06N3/14; G21F1/12	MAVIG GMBH [DE]	Coated microfibrous web and method for producing same

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
CN102483229 A 20120530	WO2010EP61964 20100817; EP20090168038 20090818	F22B37/26; D06F58/20; G21C15/16	BSH BOSCH SIEMENS HAUSGERAETE [DE]	Steam separator and method of separating steam and water in a laundry appliance
CN102483960 A 20120530	WO2010EP62806 20100901; FR20090055985 20090902	G21C3/62; G21C19/46	COMMISSARIAT ENERGIE ATOMIQUE [FR]	Method for preparing a porous nuclear fuel containing at least one minor actinide
KR20120058587 A 20120607	WO2010EP63694 20100917; DE200910045170 20090930; US20090247269P 20090930	G03F7/20; G02B5/08; G21K1/06	ZEISS CARL SMT GMBH [DE]	REFLECTIVE OPTICAL ELEMENT AND METHOD FOR OPERATING AN EUV LITHOGRAPHY APPARATUS
EP2417606 A1 20120215	WO2010EP68602 20101201; DE200910047524 20091204	G21F9/00; C22B60/02; G21F9/12; G21F9/28; G21F9/30	AREVA NP GMBH [DE]	METHOD FOR DECONTAMINATING SURFACES
EP2419907 A1 20120222	WO2010EP69773 20101215; DE200910054913 20091217	G21C19/02; G21C19/00; G21C19/20; G21F9/28	AREVA NP GMBH [DE]	METHOD FOR DISMANTLING A LOWER CORE SUPPORT STRUCTURE INSTALLED IN A REACTOR PRESSURE VESSEL OF A NUCLEAR POWER PLANT
EP2442316 A1 20120418	WO2010ES00210 20100514; ES20090001259 20090515	G21K1/06; G01L1/25; G02B21/32	MONTES USATEGUI MARIO [ES]; FARRE FLAQUER ARNAU [ES]	METHOD AND APPARATUS FOR MEASURING THE OPTICAL FORCES ACTING ON A PARTICLE
EP2455219 A1 20120523	WO2010ES70285 20100503; ES20090030278U 20090716	B32B5/08; B32B38/04; E04B1/92; G21F1/12	HILATURA CIENTIFICA ATAIS S L [ES]	ELECTROMAGNETIC-RADIATION-ATTENUATING LAMINAR MESH

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
EP2442312 A1 20120418	WO2010ES70380 20100608; ES20090030277 20090608	G21C17/06; G21F1/08	ENUSA IND AVANZADAS S A [ES]	SCANNER FOR ANALYZING A NUCLEAR FUEL ROD
EP2442313 A1 20120418	WO2010ES70382 20100608; ES20090030278 20090608	G21C17/06	ENUSA IND AVANZADAS S A [ES]	APPARATUS FOR THE RADIOMETRIC INSPECTION OF FUEL ELEMENTS
CN102483964 A 20120530	WO2010FR51775 20100825; FR20090055825 20090826	G21F7/005; F16J13/08	BERNARD SAINT MARTIN; CLAUDE IMBERT	TEMPORARY SEALED DOUBLE-DOOR JUNCTION DEVICE
US2012119119 A1 20120517	WO2010HU00079 20100708; HU20090000463 20090724; HU20100000276 20100528	G21K5/00; G02B5/20	SOLTESZ-NAGY ATTILA [HU]	UV-CONVERTER, UV LAMP ARRANGEMENT WITH THE UV-CONVERTER, AND A LIGHTING UNIT COMPRISING THE UV LAMP ARRANGEMENT
WO2012028900 A1 20120308	WO2010IB02501 20100903	G21C3/326; G21C3/328	ATOMIC ENERGY OF CANADA LTD [CA]; BOUBCHER MUSTAPHA [CA]; KURAN SERMET [CA]; COTTRELL CATHY [CA]; BODNER ROBERT R [CA]; HAMILTON HOLLY BRUCE [CA]; HYLAND BRONWYN H [CA]; ARSENAULT BENOIT [CA]	NUCLEAR FUEL BUNDLE CONTAINING THORIUM AND NUCLEAR REACTOR COMPRISING SAME
WO2012066367 A1 20120524	WO2010IB02914 20101115	G21C3/326; G21C3/328	ATOMIC ENERGY OF CANADA LTD [CA]; KURAN SERMET [CA]; BOUBCHER MUSTAPHA [CA]; COTTRELL CATHY [CA]; ARAUJO ERIC CARL ALEMENDRA [CA]	NUCLEAR FUEL CONTAINING RECYCLED AND DEPLETED URANIUM, AND NUCLEAR FUEL BUNDLE AND NUCLEAR REACTOR COMPRISING SAME

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WO2012066368 A1 20120524	WO2010IB02915 20101115	G21C3/42	ATOMIC ENERGY OF CANADA LTD [CA]; KURAN SERMET [CA]; BOUBCHER MUSTAPHA [CA]; COTTRELL CATHY [CA]	NUCLEAR FUEL CONTAINING RECYCLED AND DEPLETED URANIUM, AND NUCLEAR BUNDLE AND NUCLEAR REACTOR COMPRISING SAME
CN102307527 A 20120104	WO2010IB50547 20100208; EP20090152466 20090210	A61B6/06; G21K1/04	KONINKL PHILIPS ELECTRONICS NV [NL]	Medical viewing system for displaying an x-ray image
CN102326209 A 20120118	WO2010IB50619 20100211; ZA20090001230 20090220	G21F7/06; B01L1/02; B25J21/00	SOUTH AFRICAN NUCLEAR ENERGY [ZA]	Handling of radioactive materials
EP2410921 A1 20120201	WO2010IB51098 20100315; EP20090156474 20090327; EP20100710906 20100315	A61B6/03; G01N23/04; G21K7/00	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]	DIFFERENTIAL PHASE-CONTRAST IMAGING WITH CIRCULAR GRATINGS
EP2411985 A1 20120201	WO2010IB51198 20100319; EP20090156457 20090327; EP20100712556 20100319	G21K1/06; G02B27/52	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]	ACHROMATIC PHASE-CONTRAST IMAGING
EP2430638 A1 20120321	WO2010IB52107 20100512; EP20090159977 20090512; EP20100726259 20100512	G21K5/04; G21K1/00; H01J35/14; H01J35/30	KONINKL PHILIPS ELECTRONICS NV [NL]; PHILIPS INTELLECTUAL PROPERTY [DE]	X-RAY SOURCE WITH A PLURALITY OF ELECTRON EMITTERS

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
EP2442723 A1 20120425	WO2010IB52124 20100512; US20090218086P 20090618	A61B6/03; A61B5/055; A61B6/00; A61B6/04; A61B6/08; A61B6/10; A61G3/00; A61G10/00; G01R33/28; G01R33/38; G21K5/10	KONINKL PHILIPS ELECTRONICS NV [NL]	MOBILE IMAGING UNIT WITH ENVIRONMENTAL CONTAINMENT
US2012138816 A1 20120607	WO2010IB53650 20100812; EP20090167768 20090813	G21K5/00	KONINKL PHILIPS ELECTRONICS NV [NL]	Device Comprising A Source For Emitting Ultraviolet Light
AU2010299442 A1 20120517	WO2010IL00789 20100921; US20090245357P 20090924	G06F17/18; G21C17/00	WAVE GUARD TECHNOLOGIES LTD	A system and method of online radiation management and control of non-ionizing radiation sources
WO2012042525 A1 20120405	WO2010IN00654 20101001	G21C19/46; G21F9/12	SECRETARY DEPT OF ATOMIC ENERGY [IN]; ASNANI CHANDRU KUMAR [IN]; MUKKU VENKATA SIVA RAMA RAVI KANTH [IN]; BUDDHA PRAKASH [IN]; RAIGIRI JAYARAJ [IN]	A TRIBUTYL PHOSPHATE-NITRATE SOLVENT EXTRACTION PROCESS FOR PRODUCING HIGH PURITY NUCLEAR GRADE RARE EARTH METAL OXIDES
EP2405445 A1 20120111	WO2010JP03503 20100526; JP20090163875 20090710	G21C19/02; G21C17/003	MITSUBISHI HEAVY IND LTD [JP]	INTRA-TUBE WORK SYSTEM FOR NUCLEAR REACTOR CONTAINER
EP2407977 A1 20120118	WO2010JP03803 20100608; JP20090163876 20090710	G21C19/02	MITSUBISHI HEAVY IND LTD [JP]	ACCESS AREA OPENING AND CLOSING DEVICE THAT OPENS TO WORKING PLATFORM OF REACTOR VESSEL

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2012029714 A1 20120308	WO2010JP05352 20100831	B01J23/44; B01J21/04; B01J35/10; G21F9/02	HITACHI GE NUCLEAR ENERGY LTD [JP]; SUED CHEMIE CATALYSTS JP INC [JP]; KANNO SHUICHI [JP]; OTSUKA TOSHIHIRO [JP]; YOSHII YASUO [JP]; AIZAWA MOTOHIRO [JP]; NISHI TAKASHI [JP]; IIZUKA HIDEHIRO [JP]; SHIOYA YASUSHI [JP]; KIM HYUN-JOONG [JP]	RECOMBINATION CATALYST FOR EXHAUST GAS FROM NUCLEAR REACTOR AND RECOMBINATION DEVICE
CN102308149 A 20120104	WO2010JP51416 20100202; JP20090022619 20090203	F22G3/00; F01K7/22; G21D1/02	TOSHIBA CORP [JP]	Moisture separation heater
EP2405444 A1 20120111	WO2010JP53243 20100301; JP20090048348 20090302	G21C9/004; G21C15/18	TOSHIBA KK [JP]	FACILITY FOR COOLING NUCLEAR REACTOR CONTAINMENT VESSEL, NUCLEAR REACTOR CONTAINMENT VESSEL, AND METHOD OF COOLING NUCLEAR REACTOR CONTAINMENT VESSEL
EP2407580 A1 20120118	WO2010JP53855 20100309; JP20090056566 20090310	C23F14/00; G21D1/00; G21D3/08	TOSHIBA KK [JP]	METHOD AND SYSTEM FOR CONTROLLING WATER QUALITY IN POWER GENERATION PLANT
EP2407978 A1 20120118	WO2010JP54016 20100310; JP20090060911 20090313	G21K4/00; C09K11/00; C09K11/61; C23C14/24	HAMAMATSU PHOTONICS KK [JP]	RADIATION IMAGE CONVERSION PANEL AND METHOD FOR PRODUCING SAME
EP2418651 A1 20120215	WO2010JP56181 20100405; JP20090095441 20090410	G21C19/07	TOSHIBA KK [JP]	USED-FUEL STORAGE RACK
KR20120011850 A 20120208	WO2010JP56528 20100412; JP20090098472	G21C7/04; G21C7/10; G21C7/22	mitsubishi heavy ind ltd [JP]	REACTOR

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	20090414			
EP2426670 A1 20120307	WO2010JP57429 20100427; JP20090107950 20090427	G21C1/02; G21C15/02	TOSHIBA KK [JP]	FAST REACTOR
US2012056098 A1 20120308	WO2010JP58979 20100527	H01J3/26	MITSUBISHI ELECTRIC CORP [JP]	PARTICLE BEAM IRRADIATION SYSTEM AND METHOD FOR CONTROLLING THE PARTICLE BEAM IRRADIATION SYSTEM
EP2442097 A1 20120418	WO2010JP61198 20100630; JP20090157326 20090701	G01N23/207; G21K1/02; G21K1/06; G21K3/00; G21K5/02	RIGAKU DENKI CO LTD [JP]	X-RAY APPARATUS, METHOD OF USING THE SAME AND X-RAY IRRADIATION METHOD
WO2012004857 A1 20120112	WO2010JP61462 20100706	G21H5/00; A01G7/00	W F N CO LTD [JP]; IIZUKA YUKIO [JP]; TANAKA MAKOTO [JP]	MATERIAL-ACTIVATING DEVICE AND METHOD FOR PRODUCING SAME
WO2012008025 A1 20120119	WO2010JP61876 20100714	A61N5/10; G21K5/00; G21K5/04	MITSUBISHI ELECTRIC CORP [JP]; IWATA TAKA AKI [JP]	PARTICLE BEAM IRRADIATION DEVICE, AND PARTICLE BEAM TREATMENT DEVICE
CN102473463 A 20120523	WO2010JP62178 20100720; JP20090183670 20090806	G21B1/03	UNIV OSAKA [JP]; HAMAMATSU PHOTONICS KK	Method of determining nuclear fusion irradiation coordinates, device for determining nuclear fusion irradiation coordinates, and nuclear fusion device
TW201209846 A 20120301	WO2010JP64073 20100820	G21K1/093; A61N5/10; G21K5/04	MITSUBISHI ELECTRIC CORP [JP]	Particle ray irradiation device and particle ray treatment device
WO2012032609 A1 20120315	WO2010JP65346 20100907	A61N5/10; G21K5/04	NAT INST RADIOLOG [JP]; INANIWA TAKU [JP]; KASE YUKI [JP]; FURUKAWA TAKUJI [JP]; MATSUFUJI NARUHIRO [JP]; NODA KOJI [JP]	TREATMENT PLANNING METHOD, TREATMENT PLANNING DEVICE, TREATMENT PLANNING PROGRAM AND METHOD FOR CALCULATING RELATIVE BIOLOGICAL EFFECTIVENESS

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2012039036 A1 20120329	WO2010JP66433 20100922	G21G1/10; H05H6/00	NAT INST RADIOLOG [JP]; NAGATSU KOUTARO [JP]; MINEGISHI KATSUYUKI [JP]; UCHIDA SHIGEO [JP]; TAGAMI KEIKO [JP]	PROCESS AND DEVICE FOR PRODUCTION OF RADIONUCLIDE USING ACCELERATOR
WO2012039037 A1 20120329	WO2010JP66434 20100922	G21G4/08; B01D15/00; B01J41/04; B01J49/00	NAT INST RADIOLOG [JP]; TAGAMI KEIKO [JP]; UCHIDA SHIGEO [JP]; NAGATSU KOUTARO [JP]; FUJIBAYASHI YASUHISA [JP]	METHOD AND DEVICE FOR SEPARATING TECHNETIUM FROM TECHNETIUM-CONTAINING MOLYBDENUM AND PURIFYING SAME, AND METHOD AND DEVICE FOR RECOVERING MOLYBDENUM
WO2012039038 A1 20120329	WO2010JP66435 20100922	G21G4/08; B01D15/00; B01J41/04; B01J49/00	NAT INST RADIOLOG [JP]; TAGAMI KEIKO [JP]; NAGATSU KOUTARO [JP]; UCHIDA SHIGEO [JP]; FUKUMURA TOSHIMITSU [JP]; FUJIBAYASHI YASUHISA [JP]	METHOD FOR PRODUCTION/EXTRACTION OF TC- 99M UTILIZING MO-99, AND MO-99/TC-99M LIQUID GENERATOR
CN102438701 A 20120502	WO2010JP68928 20101026; JP20100032853 20100217	A61N5/10; G21K5/04	mitsubishi heavy ind ltd [JP]	Radiotherapy device controller and method for operating radiotherapy device
US2012119115 A1 20120517	WO2010JP70362 20101116	A61B5/08; G21K5/00	mitsubishi electric corp [JP]	RESPIRATORY INDUCTION APPARATUS, RESPIRATORY INDUCTION PROGRAM, AND PARTICLE BEAM THERAPY SYSTEM
US2012119105 A1 20120517	WO2010JP70363 20101116	H01J3/22; B23P17/04; G21F3/00	mitsubishi electric corp [JP]	BOLUS, BOLUS MANUFACTURING METHOD, PARTICLE BEAM THERAPY SYSTEM, AND TREATMENT PLANNING APPARATUS
EP2446444 A1 20120502	WO2010KR07562 20101029; KR20100009156 20100201	G21C7/12	KEPCO ENGINEERING & CONSTRUCTION COMPANY [KR]	COOLING UNIT FOR NUCLEAR REACTOR CONTROL ROD DRIVING APPARATUS

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2012074150 A1 20120607	WO2010KR08547 20101201	G01K7/04; G01K7/02; G21C15/00; G21C17/02; G21C19/00	JOUL CO LTD [KR]; KANG SUN HYAENG [KR]; KANG SUN KOOK [KR]	TEMPERATURE SENSOR AND A HEATER EQUIPPED THEREWITH
EP2406791 A1 20120118	WO2010NO00086 20100305; NO20090001080 20090311	G21F5/005; G21F5/008	NUCLEAR PROT PRODUCTS AS [NO]	A METHOD AND A MOULDING PLANT FOR MANUFACTURING A STORAGE CONTAINER FOR STORAGE OF NUCLEAR RADIATION MATERIAL
EP2428964 A1 20120314	WO2010RU00195 20100422; RU20090116831 20090505	G21C3/32; G21C3/328; G21C3/334	OPEN JOINT STOCK COMPANY TVEL [RU]; JOINT STOCK COMPANY NOVOSIB CHEMICAL CONCENTRATES PLANT [RU]; OTKRITTOYE AKCIONERNOE OBSHCHESTVO MASHINOSTROITELNY ZD [RU]	WORKING CASSETTE FOR A NUCLEAR REACTOR (EMBODIMENTS)
EP2435296 A1 20120404	WO2010SE50564 20100526; SE20090050374 20090527	B63C11/52; B25J11/00; G21C17/003; G21C17/08	WESDYNE TRC AB [SE]	AN INSPECTION APPARATUS
CN102460598 A 20120516	WO2010US01074 20100409; US20090386052 20090413; US20090460979 20090727; US20090462054 20090728; US20090462203 20090730; US20090462332 20090731; US20090586805 20090928;	G21C9/00	SEARETE LLC [US]	Method and system for the thermoelectric conversion of nuclear reactor generated heat

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	US20090586924 20090929			
EP2406793 A2 20120118	WO2010US27148 20100312; US20090209954P 20090312	G21H1/06	UNIV MISSOURI [US]	HIGH ENERGY-DENSITY RADIOISOTOPE MICRO POWER SOURCES
EP2433164 A2 20120328	WO2010US28575 20100325; US20090469121 20090520	G02B5/08; G02B6/00; G02B6/02; G03F7/20; G21K1/06	GEN ELECTRIC [US]	OPTIMIZING TOTAL INTERNAL REFLECTION MULTILAYER OPTICS THROUGH MATERIAL SELECTION
EP2414864 A1 20120208	WO2010US29409 20100331; US20090165653P 20090401	G01T1/29; A61B6/02; G01N23/04; G21K1/02	BROOKHAVEN SCIENCE ASS LLC [US]	INTERWOVEN MULTI-APERTURE COLLIMATOR FOR 3-DIMENSIONAL RADIATION IMAGING APPLICATIONS
KR20120009472 A 20120201	WO2010US31972 20100422; US20090431856 20090429	G21C17/017; G01N29/265	WESTINGHOUSE ELECTRIC CORP [US]	NON-DESTRUCTIVE PIPE SCANNER
EP2425436 A2 20120307	WO2010US32856 20100428; US20090173392P 20090428	G21F5/00	HOLTEC INTERNATIONAL INC [US]	CASK APPARATUS, SYSTEM AND METHOD FOR TRANSPORTING AND/OR STORING HIGH LEVEL WASTE

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
EP2430635 A2 20120321	WO2010US33866 20100506; US20090175899P 20090506	G21F5/00	HOLTEC INTERNATIONAL INC [US]	APPARATUS FOR STORING AND/OR TRANSPORTING HIGH LEVEL RADIOACTIVE WASTE, AND METHOD FOR MANUFACTURING THE SAME
EP2430436 A1 20120321	WO2010US34872 20100514; US20090178190P 20090514	G01N29/265; F16L55/32; F16L55/38; F16L55/46; F22B37/00; G01M3/00; G01M3/24; G01N21/954; G01N27/90; G21C17/013; G21C17/017	WESTINGHOUSE ELECTRIC CORP [US]	TETHERLESS TUBE INSPECTION SYSTEM
EP2436013 A1 20120404	WO2010US36221 20100526; US20090181070P 20090526	G21K1/12	RAPISCAN SYSTEMS INC [US]	X-RAY TOMOGRAPHIC INSPECTION SYSTEM FOR THE IDENTIFICATION OF SPECIFIC TARGET ITEMS
EP2446717 A1 20120502	WO2010US37258 20100603; US20090492200 20090626	H05H6/00; G21G1/10; H05H13/00	GEN ELECTRIC [US]	ISOTOPE PRODUCTION SYSTEM WITH SEPARATED SHIELDING
EP2445439 A2 20120502	WO2010US39455 20100622; US20090269235P 20090622	A61B19/08; A61B6/10; G21F3/00	CONTOUR FABRICATORS INC [US]	SURGICAL DRAPE AND METHOD PROVIDING A STERILE SURFACE THEREWITH
EP2452343 A1 20120516	WO2010US41735 20100712; US20090224614P 20090710	G21G1/00; B01D59/38	GEN ELECTRIC [US]	ELECTROCHEMICAL PHASE TRANSFER DEVICES AND METHODS
CN102473470 A 20120523	WO2010US41750 20100712; US20090460723 20090722	G21K1/10; A61N5/10; G21K5/04	INTRAOP MEDICAL CORP [US]	Method and system for electron beam applications

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
CN102473471 A 20120523	WO2010US42680 20100721; US20090227841P 20090723	G21K5/10	SUN NUCLEAR CORP [US]	Multiple axes scanning system and method for measuring radiation from a radiation source
CN102498523 A 20120613	WO2010US47383 20100831; US20090238590P 20090831; US20090260719P 20091112	G21C19/07; G21C19/32; G21F5/012	TRANSNUCLEAR INC [US]	Back systems and assemblies for fuel storage
EP2446445 A1 20120502	WO2011EP51345 20110201; DE201010002436 20100226	G21C19/02; G21C13/036; G21C17/01	AREVA NP GMBH [DE]	DEVICE AND METHOD FOR REMOVING FOREIGN BODIES FROM THE BOTTOM OF A REACTOR PRESSURE VESSEL
GB2485309 A 20120509	WO2011GB00038 20110112; GB20100000552 20100113	G21G7/00; G21C19/42; G21F9/04; G21F9/28	VWB S A R L [LU]	Method and apparatus for treatment of radioactive materials
US2012012762 A1 20120119	WO2011JP55440 20110302; JP20100048289 20100304; JP20110002471 20110107	G21K5/00; F21V8/00; G02B5/18; H01S3/10	NOWAK KRZYSZTOF [JP]; MORIYA MASATO [JP]; WAKABAYASHI OSAMU [JP]	LASER DEVICE, LASER SYSTEM, AND EXTREME ULTRAVIOLET LIGHT GENERATION APPARATUS

Tabela 3: Relação dos Pedidos de Patente sobre Energia Nuclear publicados no 1º semestre de 2012 que não dispõem de título e/ou depositante.

Número de Documento	Prioridade (s)	Classificação Internacional
JP2012500986 A 20120112	FR20080055738 20080827; WO2009EP60962 20090826	G21F5/00
JP2012502264 A 20120126	FR20080056016 20080908; WO2009EP61516 20090907	G21C19/32; G21F9/28
JP2012502417 A 20120126	FR20080055987 20080905; WO2009FR01065 20090904	H05G1/00; G21K1/00; H01S3/00; H01S3/081; H01S3/23
JP2012503173 A 20120202	FR20080056182 20080915; WO2009EP61839 20090914	G21C17/06; G01B5/24
JP2012503193 A 20120202	FR20080005127 20080918; WO2009FR01105 20090918	G21C3/06
JP2012504232 A 20120216	FR20080056618 20080930; WO2009FR51858 20090930	G21F5/14; G21F5/008
JP2012505392 A 20120301	FR20080056922 20081013; WO2009EP63146 20091009	G21C17/108; G01T3/00
JP2012505395 A 20120301	FR20080056911 20081013; WO2009EP63281 20091012	G21F9/28
JP2012506713 A 20120322	WO2009FR52042 20091023; FR20080005957 20081027	C12N1/20; C12M1/00; G21F9/18
JP2012507000 A 20120322	FR20080057288 20081027; WO2009EP64093 20091026	G21F9/10; G21F9/12
JP2012507696 A 20120329	FR20080057550 20081106; WO2009EP64736 20091106	G21C19/37
JP2012509239 A 20120419	FR20080057860 20081119; WO2009EP65336 20091117	C03B5/425; C03B5/08; C23C4/10; C23C4/18
JP2012509459 A 20120419	FR20080057862 20081119; WO2009EP63274 20091012	G21C1/02
JP2012511415 A 20120524	FR20080058488 20081211; WO2009EP66769 20091209	B01J20/06; B01J20/04; B01J20/30; C04B7/345; C04B22/06; C04B28/02; C04B28/04; C04B40/02; G21F9/16; G21F9/30
JP2012512410 A 20120531	FR20080058715 20081217; WO2009FR52379 20091202	G21H1/06; H02N11/00
JP2012513019 A 20120607	FR20080007280 20081219; WO2009EP67541 20091218	G21F9/28
JP2012513300 A 20120614	FR20080059052 20081223; WO2009EP67655 20091221	B08B5/04; B08B7/04; G21F9/28
JP2012513301 A 20120614	FR20080059043 20081223; WO2009EP67892 20091223	B08B5/04; G21F9/28
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Número de Documento	Prioridade (s)	Classificação Internacional
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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 Européia 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.