



## **INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL - INPI**

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## **CENTRO DE DISSEMINAÇÃO DA INFORMAÇÃO TECNOLÓGICA - CEDIN**

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## SUMÁRIO

1 - INTRODUÇÃO .....	4
1.1 - ALERTA TECNOLÓGICO.....	4
1.2- PEDIDOS DE PATENTE DE TECNOLOGIAS RELATIVAS A CÉLULAS A COMBUSTÍVEL .....	6
2- RESULTADOS .....	8
ANEXO I - Códigos dos Principais Países.....	398
ANEXO II - Pedidos de patente sem nome do depositante indexado.....	399

### Lista dos Gráficos

Gráfico 1: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2012 x País de Prioridade...9	
Gráfico 2: Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2012 x Classificação Internacional de Patentes (CIP) .....	10

### Lista das Tabelas

Tabela 1: Relação dos principais depositantes e do nº de pedidos de patente publicados no 2º semestre de 2012.....	12
Tabela 2: Dados bibliográficos dos pedidos de patente sobre tecnologias relativas a células a combustível publicados no mundo no 2º semestre de 2012.....	13

# 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, registro de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia e de franquia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), mantém um acervo com a descrição dos pedidos de patente e de registros de desenho industrial. Uma de suas atribuições é divulgar e disseminar a utilização destas informações bibliográficas e técnicas, além de elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual pode-se 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 semestral é o de alertar sobre os principais depositantes de patente em determinado setor e período de tempo, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período. Desta forma, busca-se contribuir para a atualização periódica do público alvo deste Alerta Tecnológico.

Mais detalhes sobre cada pedido de patente como resumo, nome(s) do(s) inventor(es), cópia do documento completo etc. podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na internet:

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

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<sup>1</sup> Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.

3. Base do Escritório Americano de Patentes<sup>3</sup>: <http://www.uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) aos pedidos de patente estrangeiros (família do pedido de patente<sup>4</sup>) listados na Tabela nº 2, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o 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 podem ser solicitadas por meio do endereço [copdocpat@inpi.gov.br](mailto:copdocpat@inpi.gov.br) ou por correio postal ao endereço anteriormente mencionado.

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<sup>2</sup> Contém pedidos de patente depositados e publicados em mais de 70 países.

<sup>3</sup> Contém somente pedidos depositados e publicados nos Estados Unidos.

<sup>4</sup> 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 patentes refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

## **1.2- PEDIDOS DE PATENTE DE TECNOLOGIAS RELATIVAS A CÉLULAS A COMBUSTÍVEL**

O alerta da comunidade científica sobre os efeitos do aquecimento global provocado pelo aumento da emissão de gases de efeito estufa, e a instabilidade no suprimento de combustíveis fósseis, têm provocado em vários países a intensificação nas pesquisas para aumentar a participação das fontes renováveis e limpas na matriz energética. Neste contexto, a célula a combustível, uma tecnologia que utiliza hidrogênio e oxigênio para gerar energia elétrica, energia térmica e água, apresenta-se como uma alternativa ambientalmente aceitável com baixas emissões de poluentes. As aplicações desta tecnologia incluem a geração de energia elétrica estacionária e a utilização em transporte e em equipamentos portáteis.

No Brasil, o Programa de Ciência, Tecnologia e Inovação para a Economia do Hidrogênio, elaborado pelo Ministério da Ciência e Tecnologia (MCT), tem como objetivo promover ações integradas e cooperadas, que viabilizem o desenvolvimento nacional da tecnologia de hidrogênio e de sistemas de células a combustível, com vistas a inserir o Brasil na economia do hidrogênio.

Assim, o INPI, por meio do CEDIN, vem prestar sua colaboração com a divulgação das informações contidas em documentos de patentes publicados sobre células a combustível e, conseqüentemente, facilitar ao público interessado o acesso a estas informações.

O objetivo do presente trabalho consiste em divulgar, semestralmente, os pedidos de patente publicados no mundo relacionados às células a combustível.

Para este levantamento, foram selecionados os pedidos de patente que contêm pelo menos uma das classificações internacionais discriminadas a seguir:

H01M 8/00 – Células a combustível; Sua fabricação.

H01M 8/02 – Detalhes;

H01M 8/04 – Disposições ou processos auxiliares, por ex., para o controle da pressão, para a circulação de fluidos;

H01M 8/06 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/08 – Combinação de células combustível com meios para a produção de reagentes ou para o tratamento de resíduos;

H01M 8/10 – Células combustível com eletrólitos sólidos;

H01M 8/12 – Funcionando à alta temperatura, por ex., com um eletrólito ZrO<sub>2</sub> estabilizado;

H01M 8/14 – Células combustível com eletrólitos fundidos;

H01M 8/16 – Células combustível bioquímicos, i.e., células em que os micro-organismos atuam como catalisadores;

H01M 8/18 – Células combustível de regeneração;

H01M 8/20 – Células a combustível indiretas, por ex, células Redox (H01M 8/18 tem prioridade);

H01M 8/22 – Células a combustível em que o combustível é baseado em materiais compreendendo carbono, oxigênio ou hidrogênio e outros elementos; Células a combustível em que o combustível é baseado em materiais compreendendo apenas elementos outros que não carbono, oxigênio ou hidrogênio;

H01M 8/24 – Arranjos de células a combustível em baterias, por ex, módulos.

## 2- RESULTADOS

No semestre pesquisado foram selecionados 3.286 documentos de patente que abordam tecnologias relacionadas à células a combustível.

De acordo com o Gráfico nº 1, pode-se identificar os países<sup>5</sup> de prioridade (país ou organização onde foi realizado o primeiro depósito do pedido de patente) e observar a ocorrência de documentos em cada país. Foram considerados os países de prioridade que constam em 10 ou mais pedidos de patente. Este gráfico revela que os cinco principais países de prioridade<sup>6</sup> são: Japão, Estados Unidos da América, Coreia, China e Alemanha. Observa-se, através da comparação com os resultados obtidos em Alertas publicados e disponíveis na página do INPI para consulta em [http://www.inpi.gov.br/portal/artigo/alerta\\_tecnologico](http://www.inpi.gov.br/portal/artigo/alerta_tecnologico) que o Japão permanece em primeiro lugar no *ranking* e que os Estados Unidos mantiveram a segunda posição.

A partir dos resultados nele apresentados pode-se inferir que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados. Isto provavelmente é verdadeiro porque, geralmente, os depositantes solicitam a prioridade a partir de seus países de origem. Alternativamente, isto poderia indicar o interesse do primeiro depósito nos mercados destes países.

Existe uma concentração relevante de pedidos com prioridade japonesa (cerca de 47%), o que reflete uma supremacia da pesquisa em mãos de empresas daquele país ou a escolha de primeiro depósito naquele país.

Na Tabela nº 2, apresentada mais adiante neste Alerta, verifica-se que, neste período, foi recuperado 1 pedido com prioridade brasileira: MU 9002304, depositado por Edson Rosa Castilho (BR).

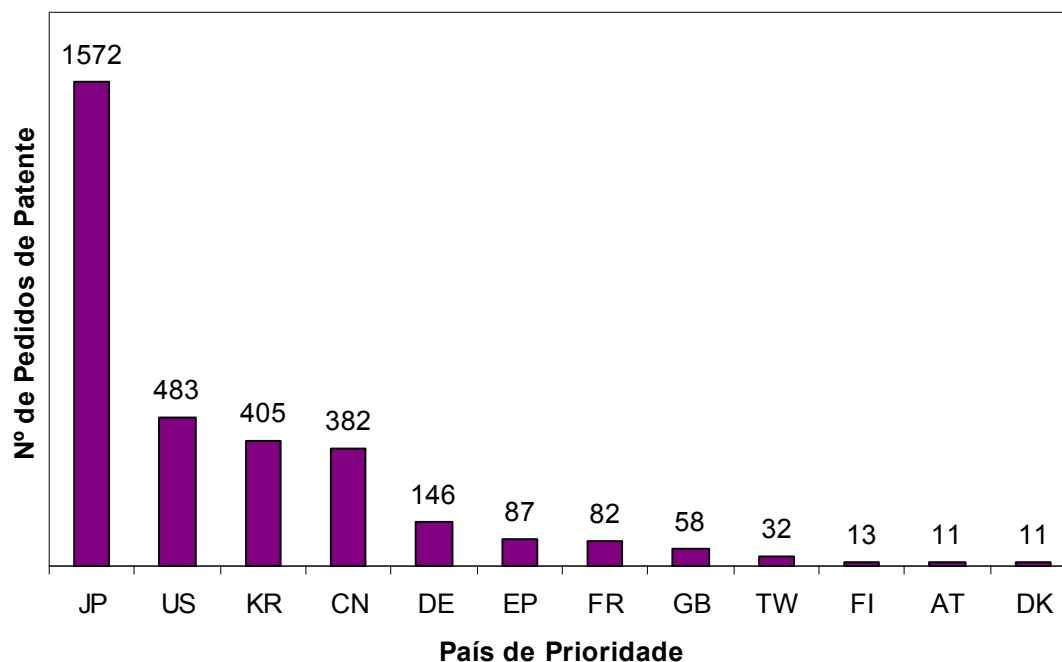
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<sup>5</sup> A lista com os códigos dos países está disponível no Anexo I.

<sup>6</sup> Conforme estabelecido pela Convenção de Paris (CUP) em seu Art. 4º, o primeiro pedido de patente depositado em um dos países membros da Convenção serve de base para depósitos subsequentes relacionados à mesma matéria, efetuados pelo mesmo depositante ou por seus sucessores legais. Tem-se, assim, o **Direito de Prioridade**. O prazo para exercer tal direito é de 12 meses, para invenção e modelo de utilidade. Ver art. 16, da Lei da Propriedade Industrial (LPI), nº 9.279/96 – disponível em [www.inpi.gov.br](http://www.inpi.gov.br).



**Gráfico 1:** Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2012 x País de Prioridade



Fonte: INPI

O Gráfico nº 2 permite o monitoramento das principais tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período. Para este levantamento foram computadas somente as classificações presentes em mais de 50 documentos. Estas classificações permitem o monitoramento das tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período.

Pode-se verificar a seguir a descrição das classificações encontradas:

H01M8 - Células a combustível; Sua fabricação.

H01M4 - Eletrodos.

C01B3 - Hidrogênio; Misturas gasosas contendo hidrogênio; Separação do hidrogênio das misturas gasosas que o contém; Purificação de hidrogênio.

H01B1 - Condutores ou corpos condutores caracterizados pelos materiais condutores; Seleção de materiais para condutores.

H01M2 - Detalhes estruturais ou processos de fabricação das partes não ativas.

B60L11 - Propulsão elétrica com fonte de potência no interior do veículo.

C08J5 - Manufatura de artigos ou de materiais modelados contendo substâncias macromoleculares.

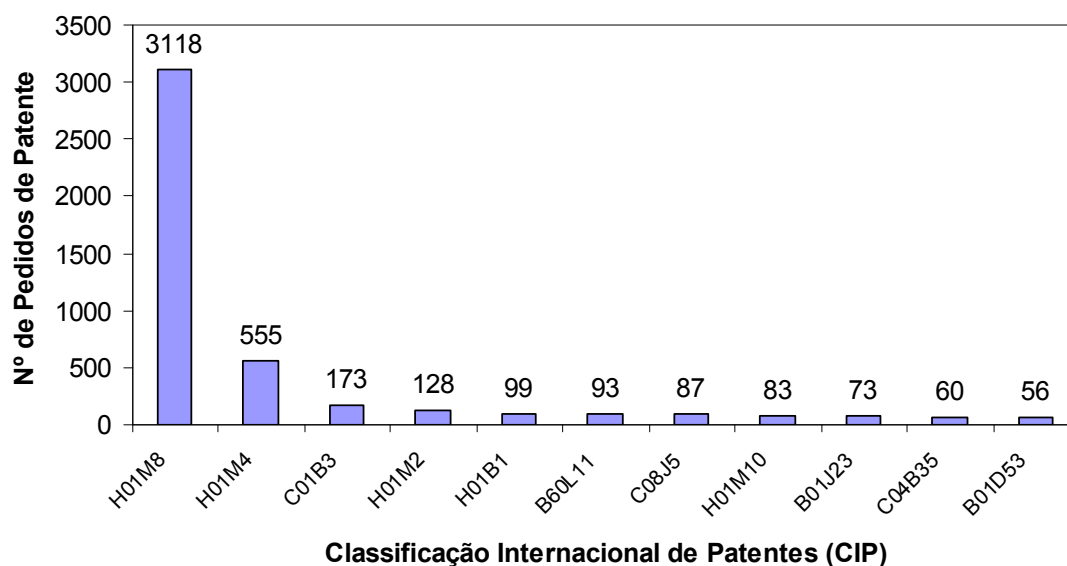
B01J23 - Catalisadores compreendendo metais ou óxidos ou hidróxidos de metais não incluídos no grupo B01J 21/00.

H01M10 - Células secundárias; Sua fabricação.

C04B35 - Produtos modelados de cerâmica caracterizados por sua composição; Composições de cerâmica; Processamento de pós de compostos inorgânicos, preparatório para a manufatura de produtos cerâmicos.

Cotejando o resultado obtido das classificações nos Alertas já publicados, disponíveis para consulta em [http://www.inpi.gov.br/portal/artigo/alerta\\_tecnologico](http://www.inpi.gov.br/portal/artigo/alerta_tecnologico) observa-se que as 3 primeiras classificações identificadas acima são exatamente as mesmas, nesta ordem, encontradas nos trabalhos realizados anteriormente.

**Gráfico 2:** Número de pedidos de patente publicados no mundo sobre tecnologias relativas a células a combustível no 2º semestre de 2012 x Classificação Internacional de Patentes (CIP)



Fonte: INPI

Na Tabela nº 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no 2º semestre de 2012, estando relacionados os que aparecem em 15 ou mais pedidos. A primeira coluna contém os nomes dos depositantes e, a segunda, o total de documentos recuperados no período para cada empresa.

Desta tabela observa-se que das 31 empresas com maior número de pedidos depositados encontramos 17 japonesas, dado compatível com o resultado mostrado no Gráfico nº 1, onde se encontra registrado que grande parte dos depósitos foram efetuados primeiro no Japão.

Cotejando o resultado obtido dos maiores depositantes nos Alertas já publicados, disponíveis para consulta em [http://www.inpi.gov.br/portal/artigo/alerta\\_tecnologico](http://www.inpi.gov.br/portal/artigo/alerta_tecnologico), observa-se que 4 empresas japonesas com competência no setor automobilístico detem um número expressivo de documentos, o que reflete a importância conferida à pesquisa para esta aplicação.

**Tabela 1:** Relação dos principais depositantes e do nº de pedidos de patente publicados no 2º semestre de 2012

Depositante	Total de Documentos
HONDA MOTOR CO LTD [JP]	145
PANASONIC CORP [JP]	140
TOYOTA MOTOR CORP [JP]	119
TOYOTA MOTOR CO LTD [JP]	109
POSCO [KR]	59
JX NIPPON OIL & ENERGY CORP [JP]	58
NISSAN MOTOR [JP]	57
GM GLOBAL TECH OPERATIONS INC [US]	46
COMMISSARIAT ENERGIE ATOMIQUE [FR]	43
KYOCERA CORP [JP]	38
DAIMLER AG [DE]	36
AISIN SEIKI [JP]	34
DONGFANG ELECTRIC CORP [CN]	32
SAMSUNG ELECTRONICS CO LTD [KR]	26
HYUNDAI MOTOR CO LTD [KR]	26
SUMITOMO ELECTRIC INDUSTRIES [JP]	25
TOTO LTD [JP]	23
UTC POWER CORP [US]	22
SUMITOMO CHEMICAL CO [JP]	19
KUNSHAN FUERSAI ENERGY CO LTD [CN]	19
TOSHIBA FUEL CELL POWER SYS [JP]	19
BIC SOC [FR]	18
GS CALTEX CORP [KR]	18
mitsubishi heavy ind ltd [JP]	16
SHOWA DENKO KK [JP]	16
SIEMENS AG [DE]	16
OSAKA GAS CO LTD [JP]	16
YAMAMOTO SATORU [JP]	16
BLOOM ENERGY CORP [US]	15
KOREA ENERGY RESEARCH INST [KR]	15
NIPPON TELEGRAPH & TELEPHONE [JP]	15

Fonte: INPI

A Tabela nº 2, a seguir, apresenta o número do pedido, com sua(s) prioridade(s), o(s) nome(s) depositante(s), a classificação internacional atribuída ao documento e seu título. Os pedidos de patente cujos nomes dos depositantes não foram indexados na base consultada não foram incluídos nesta tabela e podem ser consultados no Anexo II.

**Tabela 2:** Dados bibliográficos dos pedidos de patente sobre tecnologias relativas a células a combustível publicados no mundo no 2º semestre de 2012

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AT12696U U1 20121015	PLANSEE SE [AT]	AT20110000412U 20110721	B22F5/08; H01M4/70; H01M8/00; H01M10/04	FORMTEIL
AT511054 A1 20120815	VAILLANT GROUP AUSTRIA GMBH [AT]	AT20100001781 20101027	F16T1/12; F16T1/20; H01M8/06	KONDENSATABSCHEIDER
AU2010335047 A1 20120712	ZEG POWER AS [NO]	NO20090003575 20091222; WO2010NO00400 20101103	C01B3/02; B01D53/62; H01M8/06	Method and device for simultaneous production of energy in the forms electricity, heat and hydrogen gas
AU2010335570 A1 20120712	TOPSOE FUEL CELL AS [DK]	DK20090001370 20091222; WO2010EP07463 20101208	H01M8/02; H01M8/24	Manufacture and calibration process for an interconnect for a fuel cell or a fuel cell stack
AU2011205747 A1 20120816	CRAIG VENTER INST J [US]	US20100294841P 20100114; WO2011US21338 20110114	H01M8/16; H01M8/02	Modular energy recovering water treatment devices
AU2011208460 A1 20120809	UNIV RAMOT [IL]	US20100297853P 20100125; WO2011IB00099 20110124	H01M4/90; H01M8/02; H01M8/04; H01M8/06; H01M8/10; H01M8/18	Energy storage and generation systems
AU2011209829 A1 20120719	BLOOM ENERGY CORP [US]	US20100298468P 20100126; WO2011US21664 20110119	C04B35/01; C04B35/64; H01M8/02; H01M8/12	Phase stable doped zirconia electrolyte compositions with low degradation

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2011212257 A1 20120823	AFC ENERGY PLC [GB]	WO2011GB50190 20110204; GB20100001972 20100208	H01M8/24	Cell stack system
AU2011213134 A1 20120816	EVEREADY BATTERY INC [US]	US20100302339P 20100208; WO2011US23285 20110201	H01M8/06; B01J7/02; C01B3/06	Fuel cell cartridge
AU2011216267 A1 20120906	MCALISTER TECHNOLOGIES LLC [US]	US20100304403P 20100213; US20100857228 20100816; WO2011US24802 20110214	B01J19/24; C01B3/24; C01B31/02; F02M21/02; H01M8/06	Induction for thermochemical processes, and associated systems and methods
AU2011217490 A1 20120906	UNIV DENMARK TECH DTU [DK]	EP20100001715 20100219; WO2011EP00793 20110218	H01M8/06; B01D53/00	Method and system for purification of gas streams for solid oxide cells
AU2011225262 A1 20121004	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110049693 20110307; JP20100203447 20100910; JP20100056441 20100312; JP20110049692 20110307; JP20100056443 20100312; JP20100056442 20100312; WO2011JP55418 20110308	H01M8/18	Redox flow battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2011227129 A1 20121011	BLACKLIGHT POWER INC [US]	US20100393719P 20101015; US20100358667P 20100625; US20100347130P 20100521; US20100408384P 20101029; US20100365051P 20100716; US20100389006P 20101001; US20100369289P 20100730; US20100356348P 20100618; US201161430814P 20110107; US201061425105P 20101220; US2	C01B3/00; G21B3/00; H01M4/86; H01M4/94; H01M4/96; H01M8/22; H01M14/00	Electrochemical hydrogen-catalyst power system
AU2011227256 A1 20121004	UNIV MICHIGAN STATE [US]	US20100314936P 20100317; WO2011US28807 20110317	H01M8/16; C12N1/20; C12P7/10; C12P7/64; H01M8/02	Biofuel and electricity producing fuel cells and systems and methods related to same
AU2011227609 A1 20121025	ELECTRONVAULT INC	US20100724388 20100315; WO2011US27463 20110308	H01M2/20; H01G9/20; H01L31/00; H01M8/02; H01M10/42	Modular interconnection system



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2011232977 A1 20120906	CHIYODA CORP [JP]	JP20100074818 20100329; WO2011JP57149 20110324	C01B3/00; B01J23/755; C01B3/24; C01B3/32; H01M8/06	Method for producing hydrogen for storage and transportation
AU2011241481 A1 20121108	CERAMIC FUEL CELLS LTD	AU20100901603 20100415; WO2011AU00439 20110415; AU20110241481 20110415	H01M8/04; H01M8/12; H01M8/24	Thermal management in a fuel cell stack
AU2011241988 A1 20121115	ITM POWER RESEARCH LTD [GB]	GB20100006403 20100416; WO2011GB50759 20110418	H01M8/24	Electrochemical cell stack
AU2011242623 A1 20120927	KCI LICENSING INC	US20100326924P 20100422; US201113090775 20110420; WO2011US33546 20110422	A61M27/00; H01M8/16	System and method for utilizing exudate with a reduced pressure treatment system to generate electricity
AU2011244435 A1 20121108	HELION [FR]	FR20100053020 20100420; WO2011EP56135 20110418	H01M8/18; H01M8/04	Device for storing and restoring electrical energy
AU2011251783 A1 20121011	AFC ENERGY PLC [GB]	GB20100007858 20100511; WO2011GB50887 20110509	H01M8/08; H01M8/24	Fuel cell stacks

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
AU2011259799 A1 20120719	TOYOTA MOTOR CO LTD [JP]	JP20100226568 20101006; JP20100119448 20100525; WO2011IB01478 20110525	H01M8/04	Fuel cell system and control method therefor
AU2011273506 A1 20121108	VITO NV [BE]	EP20100167748 20100629; WO2011EP60934 20110629	H01M4/86; H01M4/88; H01M4/96; H01M8/02; H01M8/08; H01M8/10; H01M8/16	Gas diffusion electrode, method of producing same, membrane electrode assembly comprising same and method of producing membrane electrode assembly comprising same
AU2011276993 A1 20120920	APPLE INC	US20100355393P 20100616; US20100849558 20100803; WO2011US36691 20110516	H01M8/00; H01M8/04	Fuel cell powered portable computing device with bidirectional communication link there between
AU2012244231 A1 20121115	PROTEUS DIGITAL HEALTH INC	AU20120244231 20121026; AU20080216170 20080214	H01M8/00	IN-BODY POWER SOURCE HAVING HIGH SURFACE AREA ELECTRODE
BRMU9002304U U2 20121204	CASTILHO EDSON ROSA [BR]	BR2010MU02304U 20100721	H01M8/24; C25B1/04; C25B5/00; C25B9/00	micro gerador veicular de $H_2$ , $OH^-$
BRPI0614720 A2 20121204	BIC SOC [FR]	US20050196685 20050802; WO2006US29685 20060728	H01M10/44; H01M8/00; H01M8/04; H01M10/46; H01M12/00	sistema de monitoramento para sistema de célula de combustível, fonte de combustível para célula de combustível, método para monitorar uma condição de fonte de combustível, sensor $H_2$

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
BRPI0619609 A2 20121211	TOYOTA MOTOR CO LTD [JP]	JP20050358129 20051212; JP20060132985 20060511; WO2006JP324038 20061124	H01M8/04; B60L11/18; H01M8/00	sistema de célula de combustível e artigo metálico
BRPI0620128 A2 20120821	TOYOTA MOTOR CO LTD [JP]	WO2006JP325144 20061212; JP20050366655 20051220	H01M8/10; H01M4/86; H01M4/88; H01M8/02	método para fabricar conjunto de eletrodo de membrana e membrana de eletrodo reforçado em célula de combustível de eletrodo de polímero, e conjunto de eletrodo de membrana e membrana de eletrodo reforçado obtidos pelo método de fabricação
BRPI0712585 A2 20121016	ENERDAY GMBH [DE]	DE20061029743 20060628; WO2007DE01036 20070612	H01M8/06; H01M8/04	sistema de célula de combustível
BRPI0712586 A2 20121016	ENERDAY GMBH [DE]	DE20061033441 20060719; WO2007DE01085 20070620; DE20061029915 20060629	B01J19/24; B01J19/26; C01B3/36; H01M8/00	reformador para um sistema de pilha de combustível
BRPI0712783 A2 20120911	TOYOTA MOTOR CO LTD [JP]	WO2007JP72330 20071108; JP20060304996 20061110	B60L11/18; H01M8/00; H01M8/04; H01M8/10	corpo metálico equipado com células de combustível
BRPI0714144 A2 20121225	ENERDAY GMBH [DE]	DE20061031864 20060710; WO2007DE00928 20070523	H01M8/02; F16L59/12; H01M8/24	sistema de célula de combustível que compreende um meio de isolamento

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
BRPI0714145 A2 20121225	ENERDAY GMBH [DE]	DE20061031866 20060710; WO2007DE01003 20070605	H01M8/04; H01M8/06; H01M8/12; H01M8/24	sistema de células de combustível e processo para influenciar o equilíbrio térmico de um sistema de células de combustível
BRPI0714203 A2 20121225	ENERDAY GMBH [DE]	WO2007DE01100 20070621; DE20061032470 20060713	H01M8/06	sistema de célula de combustível com reformador e queimador posterior
CA2763787 A1 20121126	TOYOTA MOTOR CO LTD [JP]	WO2011JP02938 20110526	H01M2/18; H01M8/04	SEPARATOR FOR FUEL CELL AND FUEL CELL
CA2776768 A1 20120926	NIM ENERGY [CA]	EP20110167434 20110525	C25B1/04; B60L11/18; C25B5/00; C25B9/00; H01M8/06	POWER AND HYDROGEN GENERATOR
CN102527187 A 20120704	DALIAN CHEMICAL PHYSICS INST	CN20101611286 20101229	B01D53/047; H01M8/04	Method for removing SO2 from air by using external voltage
CN102527376 A 20120704	SHOWA DENKO KK [JP]	JP20040018879 20040127	B01J23/42; H01M4/96; B01J21/18; B01J32/00; B01J35/06; B01J37/08; D01F9/127; D06M11/83; H01M4/88; H01M4/90; H01M4/92; H01M8/10	Catalyst, manufacturing method thereof, electrode material, fuel cell and carbon fiber
CN102531181 A 20120704	UNIV SOUTHEAST	CN20111455416 20111231	C02F3/32; H01M8/16	Combined ecological floating bed device for using microbial fuel cell to purify lake water

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102532507 A 20120704	ENN RES AND DEV CO LTD	CN20101595978 20101220	C08G65/00; C08G65/40; H01M2/16; H01M8/02	Novel segmented copolymer and preparation method thereof
CN102532535 A 20120704	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110110716 20111027; KR20100127863 20101214; US201113242972 20110923	C08G73/00; C07D413/14; C08G73/06; C08G73/08; C08G73/10; C08G73/18; H01M2/16; H01M4/86; H01M8/02	Conductive composition, preparing method thereof, polymer and electrode, electrolyte membrane and fuel cell
CN102532572 A 20120704	UNIV NORTHEASTERN	CN20111449023 20111229	C08J7/00; C08B37/08; C08J3/22; C08J5/22; C08L5/08; C08L25/06; H01M2/16; H01M8/02	Preparation method of quaternized chitosan anion hybrid membrane doped with positive polystyrene latex
CN102532575 A 20120704	INST METAL RES CHINESE ACAD SC	CN20101617206 20101231	C08J7/04; B32B27/08; C08G8/28; C08J5/18; C08L23/12; C08L27/12; C08L61/16; H01M2/16; H01M8/02	Preparation method of perfluorinated sulfonic acid resin/sulfonated polyether ether ketone type composite diaphragm
CN102539524 A 20120704	GM GLOBAL TECH OPERATIONS INC [US]	US20100913324 20101027	G01N29/024; H01M8/04	Anode gas composition utilizing h2 injection pressure wave propagation rates

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102544519 A 20120704	INST METAL RES CHINESE ACAD SC	CN20101617688 20101231	H01M4/86; H01M8/02	Bipolar plate structure of proton exchange membrane fuel cell
CN102544523 A 20120704	DONGFANG ELECTRIC CORP [CN]	CN2012111159 20120113	H01M4/86; H01M4/88; H01M4/96; H01M8/18	Electrode material as well as preparation method thereof and flow battery containing same
CN102544525 A 20120704	UNIV NANTONG	CN2012106644 20120111	H01M4/88; H01M8/02	Method for injection molding of composite bipolar plate of proton exchange membrane fuel cell
CN102544526 A 20120704	SHIJIAZHUANG UNIVERSITY	CN2012118718 20120120	H01M4/88; H01M8/18	Preparation method of graphite felt modified electrode and all vanadium flow battery
CN102544529 A 20120704	FORD GLOBAL TECH LLC [US]	US20100981596 20101230	H01M4/90; H01M8/02; H01M8/10	Thin film catalyst on porous media and electrochemical cell employing same
CN102544539 A 20120704	SHANGHAI CAS ADVANCED RES INST	CN2012114280 20120117	H01M8/00; B29C33/00; B29C70/70	Fuel cell packaging method and fuel cell packaging mold
CN102544540 A 20120704	MI DAN	CN20101593786 20101217	H01M8/02; H01M8/00	Fuel cell without electrolyte
CN102544541 A 20120704	INST METAL RES CHINESE ACAD SC	CN20101616688 20101231	H01M8/02; H01M2/16	Preparation method of asymmetric PSFA (polysilicate ferric aluminum)/PP (polypropylene)/SPEEK (sulfonated polyetheretherketone) composite membrane
CN102544543 A 20120704	TONG HSING ELECTRONIC IND LTD	TW20100147066 20101231	H01M8/02; C04B41/90; H01M8/06	Ceramic plate with reflective film and method of manufacturing the same
CN102544544 A 20120704	IND TECH RES INST [TW]	US201061428969P 20101231; US201113098144 20110429	H01M8/02; H01M8/10	Fluid flow plate assemblies for fuel cells
CN102544545 A 20120704	GM GLOBAL TECH OPERATIONS INC [US]	US20100956262 20101130	H01M8/02; H01M8/24	Fuel cells having improved durability

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102544546 A 20120704	GM GLOBAL TECH OPERATIONS INC [US]	US20100959889 20101203	H01M8/02; H01M8/24	Fuel cell stack comprising an impermeable coating
CN102544547 A 20120704	UNIV DONGHUA	CN2012102922 20120106	H01M8/02; C08J5/22; C08J7/12; H01M2/16	Alkaline negative ion exchange composite film with alkali stability and preparation and application thereof
CN102544548 A 20120704	SUNRISE POWER CO LTD	CN2012146837 20120227	H01M8/02; H01M4/86; H01M4/88	Hydrophobization fuel cell expanded graphite flow field and manufacturing method thereof
CN102544549 A 20120704	DALIAN CHEMICAL PHYSICS INST	CN20101587224 20101214	H01M8/04; F24J3/00; H01M8/10	Combined heat and power (CHP) supply system based on fuel cell
CN102544550 A 20120704	GM GLOBAL TECH OPERATIONS INC [US]	US20100962006 20101207	H01M8/04; H01M8/10	Separator plate design with improved freeze start-up
CN102544551 A 20120704	YOKOGAWA ELECTRIC CORP	JP20100274391 20101209; JP20110226688 20111014; JP20100274392 20101209; JP20100292433 20101228	H01M8/04; G01R31/36; H01M8/10	Fuel cell evaluator and fuel cell evaluation method
CN102544552 A 20120704	SAIC MOTOR CORP LTD	CN20111419377 20111214	H01M8/04; F02M43/00	Common-rail fuel supply system of fuel cell or multi-fuel engine
CN102544553 A 20120704	KUNSHAN FUERSAI ENERGY CO LTD	CN2012101459 20120105	H01M8/04	Gas humidifying system for fuel cell testing platform
CN102544554 A 20120704	OU YANGXUN	CN2012131617 20120213	H01M8/04	Fuel cell system
CN102544555 A 20120704	HEFEI CHUANGYUAN VEHICLE CONTROL TECHNOLOGY CO LTD	CN2012135139 20120217	H01M8/04	Device for quickly replacing battery lead plates

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102544556 A 20120704	BEIJING BAINENG HUITONG TECHNOLOGY CO LTD	CN2012157305 20120306	H01M8/04; H01M8/02	Flow battery system with complementary energy recycling devices and method for recycling complementary energy
CN102544557 A 20120704	CN ELECT TECH NO 18 RES INST	CN20101587102 20101214	H01M8/06	Manufacturing method of combustion chamber for silver-zinc battery
CN102544558 A 20120704	WUHAN TECH NEW SOURCES OF ENERGY CO LTD	CN2012116286 20120117	H01M8/10	Method for continuously manufacturing 3-CCM (three Catalyst Coated Membranes) of fuel cell
CN102544559 A 20120704	UNIV ZHENGZHOU	CN2012142141 20120223	H01M8/10	Cerium-oxide-based electrolyte for solid oxide fuel cell and manufacturing method thereof
CN102544560 A 20120704	FENGLIANG GUO	CN2012172002 20120319	H01M8/10; H01M8/02; H01M8/24	Multi-pass plate type solid oxide fuel battery pack
CN102544561 A 20120704	FENGLIANG GUO	CN2012160997 20120309	H01M8/12; H01M4/86	Biomass gas-solid oxide fuel battery
CN102544562 A 20120704	INST OF URBAN ENVIRONMENT CHINESE ACADEMY OF SCIENCES	CN2012145714 20120227	H01M8/16	Air-permeation cathode double-room microorganism fuel cell
CN102544563 A 20120704	DALIAN CHEMICAL PHYSICS INST; DALIAN RONGKE POWER CO LTD	CN20101580321 20101209	H01M8/18; H01M8/04	Zinc-deposition type liquid flow energy-storage battery system and running way thereof
CN102544564 A 20120704	DEMING WANG; XIULING SUN; BO WANG	CN20111414245 20111213	H01M8/24; H01M8/02	Solid electrode fuel self-consuming generating set
CN102544565 A 20120704	FENGLIANG GUO	CN2012171932 20120319	H01M8/24; H01M8/02	Tubular solid oxide fuel battery pack with three-ring combined structure
CN102544631 A 20120704	DEMING WANG; XIULING SUN; BO WANG	CN20111414243 20111213	H01M12/04; H01M4/38; H01M4/86; H01M8/02	Solid electrode of self-consumption fuel generating device
CN102544637 A 20120704	HEFEI CHUANGYUAN VEHICLE CONTROL TECHNOLOGY CO LTD	CN2012135138 20120217	H01M12/06; H01M4/86; H01M8/02	Monomer electrode of air aluminum battery



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102544638 A 20120704	FLUIDIC INC [US]	US20100358339P 20100624	H01M12/08; H01M8/02; H01M8/04; H01M8/18; H01M12/06	Electrochemical cell with stepped scaffold fuel anode
CN102549348 A 20120704	PANASONIC CORP [JP]	WO2011JP03850 20110706; JP20100154564 20100707	F24H1/00; F24H1/18; H01M8/00; H01M10/50	Hot water storage-type hot water supply system and method for operating same
CN102549821 A 20120704	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090055461 20090803; WO2010EP60978 20100728	H01M4/86; C25B1/04; H01M4/88; H01M8/02; H01M8/12	Electrochemical cell having a metal substrate, and method for manufacturing same
CN102549822 A 20120704	UNIV WASHINGTON STATE RES FDN	WO2010US48458 20100910; US20100345658P 20100518; US20090241779P 20090911	H01M4/92; B01J23/28; B01J29/06; H01M8/10	Catalyst materials and methods for reforming hydrocarbon fuels
CN102549823 A 20120704	JX NIPPON MINING & METALS CORP [JP]; DAIDO STEEL CO LTD	WO2010JP62755 20100729; JP20090182239 20090805	H01M8/02; C25D3/48; C25D5/26; C25D5/48; H01M8/10	Separator material for fuel cell, and fuel cell stack using same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102549824 A 20120704	KYOCERA CORP [JP]	WO2010JP69205 20101028; JP20090247303 20091028; JP20100074585 20100329; JP20100074583 20100329	H01M8/02; H01M8/12	Fuel cell, cell stack, fuel cell module, and fuel cell device
CN102549826 A 20120704	DAIMLER AG [DE]	WO2010EP05565 20100910; DE20091043569 20090930	H01M8/04	Method for operating a fuel cell system
CN102549827 A 20120704	TOYOTA MOTOR CO LTD [JP]	WO2010JP02834 20100420	H01M8/04; H01M8/10	Terminal device for measurement of cell voltage of a fuel cell
CN102549828 A 20120704	AUDI NSU AUTO UNION AG [DE]	DE20091038422 20090821; WO2010EP04785 20100804	H01M10/02; H01M2/10; H01M2/26; H01M8/02	Motor vehicle having an electrochemical cell
CN102549834 A 20120704	FLUIDIC INC [US]	WO2010US52099 20101008; US20090249917P 20091008	H01M12/08; H01M2/38; H01M8/02; H01M8/04; H01M8/18; H01M8/20; H01M8/24; H01M10/42; H01M12/06	Rechargeable metal-air cell with flow management system
CN102557272 A 20120711	UNIV NORTHEAST DIANLI	CN20111459063 20111231	C02F3/34; H01M8/04; H01M8/06	Microbial fuel cell three-level continuous type waste water nitrogen-removing treatment method and device

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102558590 A 20120711	CHINESE ACAD INST CHEMISTRY	CN2012134666 20120216	C08J5/22; C08K3/36; C08L27/16; H01M2/16; H01M8/02	Method for preparing novel proton transport membrane
CN102560396 A 20120711	JANUS DONGGUAN PREC COMPONENTS	CN20111443900 20111227	C23C14/35; C23C14/16; H01M8/02	Surface corrosion-resistant low-resistance film and preparation method thereof
CN102565469 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012103520 20120109	G01R1/04; H01M8/02	Fuel cell pile used single voltage inspection connector and connection method thereof
CN102569786 A 20120711	UNIV DALIAN POLYTECHNIC	CN2012117638 20120119	H01M4/525; H01M4/48; H01M4/86; H01M8/12	Perovskite Co-based composite negative electrode material as well as preparation and application thereof
CN102569824 A 20120711	QUANBO HUANG	CN20111459942 20111230	H01M4/86; B29C70/46; H01M4/88; H01M4/96; H01M8/02	Bipolar plate of integrated composite electrode, and manufacturing method and application thereof
CN102569839 A 20120711	DALIAN CHEMICAL PHYSICS INST; DALIAN RONGKE POWER CO LTD	CN20101582470 20101210	H01M8/02; H01M2/16	Inorganic matter-filled poriferous composite membrane for liquid flow energy-storage cell and use thereof
CN102569840 A 20120711	DALIAN CHEMICAL PHYSICS INST; DALIAN RONGKE POWER CO LTD	CN20101584716 20101210	H01M8/02; H01M2/16; H01M2/18; H01M8/18	Use of poriferous separation membrane in liquid flow energy-storage cell
CN102569841 A 20120711	NITTO DENKO CORP [JP]	JP20100271463 20101206	H01M8/02; H01M8/10	Fuel supply amount adjustment film, printed circuit board, and fuel cell
CN102569842 A 20120711	UNIV NANJING AERONAUTICS	CN2012110939 20120113	H01M8/02	Preparation method of hybrid ordered mesoporous carbon coat for protecting stainless steel bipolar plate of proton exchange membrane fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102569843 A 20120711	UNIV TSINGHUA; CHENGDE WANLITONG IND GROUP CO LTD	CN2012110951 20120113	H01M8/02	Embedded electrode frame of flow cell pile
CN102569844 A 20120711	WUHAN TECH NEW SOURCES OF ENERGY CO LTD	CN2012116352 20120117	H01M8/02	Alignment method for preparing membrane electrode sealing border of fuel cell
CN102569845 A 20120711	HONDA MOTOR CO LTD [JP]	JP20070030448 20070209; JP20060274165 20061005; JP20060127578 20060501; JP20060333305 20061211	H01M8/02; H01M8/10; H01M8/24	Fuel cell
CN102569846 A 20120711	ASIA PACIFIC FUEL CELL TECH [TW]	CN20101615041 20101230	H01M8/04	Storage tank provided with partition chamber structure
CN102569848 A 20120711	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20100125324 20101209	H01M8/04	Controller for estimating relative humidity and condensed water, and method for controlling condensed water drain using the same
CN102569849 A 20120711	RESEARCH IN MOTION LTD [IE]	EP20100194351 20101209	H01M8/04	Fuel cell electrical power source for portable electronic device with thermoelectric module
CN102569850 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012100879 20120104	H01M8/04; H01M8/02	Fuel cell hydrogen supplying system for backup power
CN102569851 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012101460 20120105	H01M8/04; F16L37/30; H01M8/24	Quick hot-plugging pile structure
CN102569852 A 20120711	WUHAN NARI LTD LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RES INST	CN2012102983 20120106	H01M8/04	Pipeline system for all vanadium flow battery
CN102569853 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012103764 20120109	H01M8/04	Packaging structure for fuel cell stack
CN102569854 A 20120711	PEOPLE S LIBERATION ARMY 63908 TROOPS	CN2012120921 20120130	H01M8/04	Portable power supply system of proton exchange membrane fuel cell (PEMFC)

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102569855 A 20120711	TOYOTA MOTOR CO LTD [JP]	JP20070174123 20070702	H01M8/04; H01M8/10	Electrolyte membrane and fuel cell employing it
CN102569856 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012136416 20120217	H01M8/04	System for remotely monitoring running state of new energy source fuel cell
CN102569857 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012136823 20120217	H01M8/04	Application of fuzzy proportion integration differentiation (PID) algorithm in fuel cell radiating system
CN102569858 A 20120711	HAOCHUAN CHENG; MINFANG HAN; CONG CHEN	CN2012137108 20120217	H01M8/04; F24H1/00	Clean energy system used for wooden house
CN102569859 A 20120711	UNIV NORTH CHINA ELEC POWER	CN2012107215 20120111	H01M8/06; F01D15/10	Integrated oxygen transmission membrane (OTM) pressurized carbon dioxide (CO <sub>2</sub> ) zero- emission solid oxide fuel cell (SOFC)/gas transmission (GT)/air transmission (AT)/steam turbine (ST) composite power system
CN102569860 A 20120711	UNIV HUNAN	CN2011144557 20111227	H01M8/16; C02F11/00; C02F11/02	Method for strengthening electricity generating performance of MFC (micro-function circuit) by taking excess sludge as fuel and strengthening sludge reduction by enzyme
CN102569861 A 20120711	UNIV NANJING	CN2012109477 20120113	H01M8/16	Enzyme biological fuel cell and preparing method thereof
CN102569862 A 20120711	CELLSTROM GMBH	AT20100002106 20101221	H01M8/18; H01M8/02	Frame of a cell of a redox flow battery
CN102569863 A 20120711	DAZHOU IRON & STEEL GROUP CO LTD	CN2012125410 20120206	H01M8/18	Preparation method of electrolyte used in all- vanadium redox flow battery
CN102569864 A 20120711	KUNSHAN FUERSAI ENERGY CO LTD	CN2012100745 20120104	H01M8/24; G01R31/36; H01M8/04	Integrated fuel cell testing platform for assembling, activating and inspecting stack

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102569919 A 20120711	CALIFORNIA INST OF TECHN; CENTRE NAT RECH SCIENT [FR]	US20050705535P 20050803	H01M10/42; H01M6/50; H01M8/04; H01M10/48	Electrochemical thermodynamic measurement system
CN102574072 A 20120711	METAL MEMBRANES COM B V	WO2010NL00115 20100720; NL20092003250 20090720	B01D71/02; B01D67/00; C25D11/02; H01M8/22	Method for producing a membrane and such membrane
CN102574103 A 20120711	TODA KOGYO CORP [JP]	WO2010JP65438 20100908; JP20090208440 20090909	B01J21/16; B01J37/16; C01B3/40; H01M8/06	Porous catalytic object for decomposing hydrocarbon and process for producing same, process for producing hydrogen-containing mixed reformed gas from hydrocarbon, and fuel cell system
CN102574679 A 20120711	PANASONIC CORP [JP]	WO2010JP07520 20101224; JP20090294155 20091225	C01B3/38; H01M8/04; H01M8/06	Hydrogen generation device, fuel cell system, and method for operating hydrogen generation device
CN102575014 A 20120711	TOYO BOSEKI KWAISHA LTD	WO2010JP63077 20100803; JP20090180553 20090803; JP20090180552 20090803	C08G81/00; C08G65/34; C08G75/23; H01B1/06; H01M8/02; H01M8/10	Novel sulfonic acid group-containing segmented block copolymer and use thereof
CN102575361 A 20120711	PANASONIC CORP [JP]	WO2010JP06498 20101104; JP20090257437 20091110	C25B9/00; B01J35/02; C01B3/04; C25B1/02; H01M8/06; H01M14/00	Photoelectrochemical cell and energy system using same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102575368 A 20120711	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090004494 20090921; WO2010FR00632 20100920	C25D5/34; C23C18/16; C23C28/02; C25D5/54; H01M4/88; H01M8/02; H01M8/10	Method for depositing a metal onto a porous carbon layer
CN102575371 A 20120711	SNECMA [FR]; UNIV LA ROCHELLE	WO2010FR51613 20100729; FR20090055368 20090730	C25D9/08; C08F10/00; C23C4/10; C23C14/08; F01D5/28; F02D41/14; H01M8/12	Part comprising a substrate supporting a ceramic coating layer
CN102575660 A 20120711	TOYOTA MOTOR CO LTD [JP]	WO2010JP03711 20100603	F04B35/00; B60K8/00; F04B17/03; F04B23/04; F04B41/06; H01M8/04	Gas consumption system, fuel cell system and vehicle
CN102576882 A 20120711	TOYOTA MOTOR CO LTD [JP]	WO2009JP05386 20091015	H01M8/02; H01M8/06; H01M8/10; H01M8/24	Fuel cell stack
CN102576883 A 20120711	POSTECH ACAD IND FOUND [KR]	WO2010KR06544 20100927; KR20090091832 20090928	H01M8/02; H01M8/24	Separator for a fuel cell, a production method therefor and a fuel cell stack comprising the same
CN102576884 A 20120711	ENERFUEL INC [US]	WO2010US46935 20100827; US20090550228 20090828	H01M8/02	A fuel cell composite flow field element and method of forming the same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102576885 A 20120711	TOYOTA MOTOR CO LTD [JP]	WO2010JP03437 20100521; WO2009JP06052 20091112	H01M8/02; H01M8/10	Fuel cell
CN102576886 A 20120711	TOYOTA MOTOR CO LTD [JP]	WO2009JP68229 20091023	H01M8/04	Fuel cell system
CN102576887 A 20120711	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	WO2010EP64109 20100924; FR20090004594 20090925	H01M8/04; C25B1/10; C25B15/02; G01N25/18; H01M8/24	Electrochemical reactor, such as a fuel cell or an electrolyzer, provided with a device for measuring a parameter of a gas specific to the operation of said reactor
CN102576888 A 20120711	DAIMLER AG [DE]	WO2010EP05582 20100911; DE20091049428 20091014	H01M8/04	Container arrangement for a fuel cell system, and method for introducing an ion exchange module in a coolant container
CN102576890 A 20120711	UNIV WITWATERSRAND JHB; VAAL UNIVERSITY OF TECHNOLOGY	WO2010IB52823 20100622; ZA20090004368 20090623	H01M8/10	Proton exchange membrane fuel cell
CN102576892 A 20120711	UNIV WESTERN ONTARIO [CA]	WO2010CA01210 20100809; US20090461340 20090807	H01M8/16; C12M1/00; C12M1/04; C12P3/00; H01M2/16	Bio-fuel cell system
CN102576893 A 20120711	A123 SYSTEMS INC	US20090235859P 20090821; WO2010US30136 20100406; US20090166958P 20090406	H01M8/18; H01M8/00; H01M8/04; H01M8/22	Fuel system using redox flow battery



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102576894 A 20120711	LI TEC BATTERY GMBH [DE]	WO2010EP06141 20101007; DE20091049043 20091012	H01M8/24; H01M8/02; H01M10/0585	Cell block having lateral support of the cells
CN102576902 A 20120711	UNIV KYOTO [JP]; INST NAT COLLEGES TECH JAPAN	WO2010JP68454 20101020; JP20090242879 20091021; JP20100129364 20100604	H01M10/056; C08F20/34; H01G9/038; H01M4/13; H01M4/62; H01M8/02; H01M8/10; H01M10/052; H01M10/0565; H01M10/0585	Electrochemical device using solid polymer electrolyte using fine polymer composite particles
CN102576921 A 20120711	FUKUTOME HIROFUMI	WO2010JP56994 20100420; JP20090119239 20090420	H01M14/00; H01L31/04; H01M8/06	Photovoltaic cell
CN102580549 A 20120718	UNIV FUJIAN	CN2012107951 20120112	B01D67/00; B01D69/12; B01D71/08; B01D71/12; H01M2/16; H01M8/02	Method for preparing carbon nano tube modified bipolar membrane with anion groups
CN102581487 A 20120718	UNIV SHANGHAI JIAOTONG; SAIC MOTOR CORP LTD; CHENDONG HUANG; LIANG FANG	CN2012134944 20120216	B23K26/20; B23K26/42; H01M8/02	Laser weld-bonding method of bipolar plate of fuel cell
CN102585204 A 20120718	UNIV JILIN	CN2012144466 20120226	C08G65/40; C08J5/22; C08L71/10; H01M2/16; H01M8/02	Side-chain sulfonic acid type polyarylether, preparation method thereof and application of polyarylether in preparation of proton exchange membrane

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102587038 A 20120718	YOUNG GREEN ENERGY CO [TW]	CN2011103933 20110104	D04H1/58; D04H1/541; H01M8/06	Non-woven fabric, manufacturing method of non-woven fabric and gas generation device
CN102589189 A 20120718	JOHNSON RES & DEV CO INC	US20000627721 20000728	F25B23/00; H01M6/36; H01M8/02; H01M8/04; H01M8/10; H01M14/00	Johnson reversible engine
CN102593466 A 20120718	NANOSYS INC [US]	US20040634472P 20041209; US20050738100P 20051121	H01M4/86; B82Y30/00; H01B1/04; H01M8/02; H01M8/04; H01M8/10	Nanowire-based membrane electrode assemblies for fuel cells
CN102593468 A 20120718	GM GLOBAL TECH OPERATIONS INC [US]	US201113005587 20110113	H01M4/88; H01M8/10	Wet lamination process for reducing mud cracking in fuel cell components
CN102593469 A 20120718	CHANGZHOU SHUIMU ENVIRONMENTAL PROTECTIVE TECHNOLOGY CO LTD	CN2012141468 20120223	H01M4/88; C02F3/34; H01M8/16	Method for accelerating reduction decolorization of azo dyes wastewater at microbial fuel cell cathode
CN102593478 A 20120718	SUZHOU HUA TSING POWER SCI & TECH CO LTD	CN2012114760 20120118	H01M8/02; H01M4/88	Method for manufacturing multilayer thin-film solid oxide fuel cell
CN102593479 A 20120718	UNIV SHANGHAI ELECTRIC POWER	CN2012137350 20120220	H01M8/02; C23C26/00	304 stainless-steel bipolar plate with Sb-doped SnO <sub>2</sub> thin film coating, and preparation method and application thereof
CN102593480 A 20120718	UNIV SHANGHAI JIAOTONG	CN2012143051 20120223	H01M8/02	Mixed titanate support solid electrolyte multilayer film of solid oxide fuel cell and manufacturing method thereof
CN102593481 A 20120718	DONGFANG ELECTRIC CORP [CN]	CN2012166903 20120314	H01M8/02; H01M8/18; H01M8/24	Flow battery, battery stack, battery system and control method for electrolyte thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102593482 A 20120718	DONGFANG ELECTRIC CORP [CN]	CN2012174607 20120320	H01M8/02; H01M8/18; H01M8/24	Collector plate and flow battery and flow battery stack containing same
CN102593483 A 20120718	ZBEST POWER CO LTD	CN2012175732 20120321	H01M8/02; H01M12/08	Structure and production method of enhanced bipolar plate and enhanced-type zinc-nickel battery
CN102593484 A 20120718	BELENOS CLEAN POWER HOLDING AG [CH]	EP20100192609 20101125	H01M8/04; G01R19/25	Measuring system for cells in a fuel cell stack
CN102593486 A 20120718	GM GLOBAL TECH OPERATIONS INC [US]	US20110987329 20110110	H01M8/04; F17C13/12	Vent hole alignment of temperature-pressure relief devices on pressure vessels
CN102593487 A 20120718	WUHAN NARI LTD LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RES INST	CN2012128093 20120209	H01M8/04	Temperature control device for electrolyte storage device of vanadium redox battery
CN102593488 A 20120718	KUNSHAN FUERSAI ENERGY CO LTD	CN2012136417 20120217	H01M8/04; G01R31/36	Unattended fuel cell testing system
CN102593489 A 20120718	DONGFANG ELECTRIC CORP [CN]	CN2012155264 20120305	H01M8/04; H01M8/24	Flow battery stack with monitoring system
CN102593490 A 20120718	ZBEST POWER CO LTD	CN2012156897 20120306	H01M8/04; H01M8/18	Flow battery system and battery storage tank
CN102593491 A 20120718	DONGFANG ELECTRIC CORP [CN]	CN2012166910 20120314	H01M8/04; H01M8/02	Liquid flow cell stack and cell system comprising same
CN102593492 A 20120718	CHANGCHUN APPLIED CHEMISTRY	CN2012153686 20120302	H01M8/10; H01M8/02	Fuel cell
CN102593493 A 20120718	MIM CERAMICS CO LTD; JUNG KIM YOUNG	KR20060110447 20061109	H01M8/10; H01M8/24	Solid oxide fuel cell
CN102593494 A 20120718	CHANGCHUN APPLIED CHEMISTRY	CN2012146565 20120227	H01M8/16; H01M8/02	Enzymatic biofuel battery and preparation method thereof
CN102593495 A 20120718	SHANGHAI YUHAO MACHINERY AND ELECTRICS CO LTD; SUN WEI	CN2012155812 20120305	H01M8/18	Oxidation reduction flow cell
CN102593496 A 20120718	DONGFANG ELECTRIC CORP [CN]	CN2012178546 20120322	H01M8/24; H01M8/04	Fuel cell system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102593499 A 20120718	CHANGZHOU SAINT LENAUD ELECTRONIC SYSTEM ENGINEERING CO LTD	CN2011123761 20110117	H01M10/04; H01M6/00; H01M6/50; H01M8/00; H01M10/42; H01M12/06	Battery
CN102596620 A 20120718	HONDA MOTOR CO LTD [JP]	WO2010JP68913 20101026; JP20090255096 20091106	B60K15/03; F17C1/12; F17C13/08; H01M8/00; H01M8/04; H01M8/10	Gas tank
CN102596799 A 20120718	PANASONIC CORP [JP]	WO2011JP04690 20110824; JP20100188195 20100825	C01B3/48; C01B3/38; H01M8/06; H01M8/10; H01M8/12	Hydrogen-purification Apparatus And Fuel-cell System Using Same
CN102597761 A 20120718	MINE SAFETY APPLIANCES CO [US]	WO2010US54582 20101028; US20090256712P 20091030	G01N27/49; H01M2/10; H01M8/24	Sensor comprising vent member
CN102598157 A 20120718	SUMITOMO CHEMICAL CO [JP]	WO2010JP69292 20101029; JP20090250559 20091030	H01B13/00; H01B1/06; H01M8/02; H01M8/10	Method for producing solid electrolyte film
CN102598363 A 20120718	REDFLOW PTY LTD [AU]	WO2010AU01430 20101027; AU20090905358 20091103	H01M2/40; H01M8/20; H01M10/36	Bromine complex valve

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102598377 A 20120718	EQUOS RESEARCH KK [JP]	JP20100002362 20100107; JP20100291730 20101228; JP20100288034 20101224; WO2011JP50169 20110107	H01M4/88; H01M8/02; H01M8/10	Apparatus for production of catalyst layer for fuel cell, method for production of catalyst layer for fuel cell, polyelectrolyte solution, and process for production of polyelectrolyte solution
CN102598379 A 20120718	TOYOTA MOTOR CO LTD [JP]; TOYOTA AUTO BODY CO LTD [JP]	WO2010JP50562 20100119; WO2009JP56646 20090331	H01M8/02; H01M8/04; H01M8/10	Fuel cell
CN102598380 A 20120718	TOYOTA MOTOR CO LTD [JP]	WO2009JP62552 20090709	H01M8/04; B60L11/18	Fuel cell system and method for controlling the same
CN102598381 A 20120718	TOYOTA MOTOR CO LTD [JP]	WO2010IB02510 20101005; JP20090249926 20091030	H01M8/04	Fuel cell system and control method for fuel cell system
CN102598382 A 20120718	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	WO2010EP66261 20101027; FR20090057645 20091030	H01M8/04; H01M8/10	Method for detecting the sealed state of a fuel cell
CN102598384 A 20120718	COMMISSARIAT ENERGIE ATOMIQUE [FR]	WO2010FR00639 20100924; FR20090004592 20090925	H01M8/04; H01M8/10	Method for supplying power from a fuel cell taking sulfur oxide pollution into account, and power supply device

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102598385 A 20120718	MIOXIDE MINING PTY LTD [ZA]	WO2010IB53688 20100816; ZA20090005685 20090817; ZA20090009200 20091223	H01M8/06; H01M2/14; H01M8/08; H01M8/10; H01M8/20; H01M10/04; H01M12/00	Fuel cell
CN102603039 A 20120725	UNIV TSINGHUA	CN2012117270 20120119	C02F1/469; H01M8/16	Coupling desalination method and device
CN102608909 A 20120725	ZHANGZHOU JIMEI ELECTRONIC CO LTD	CN20111123950 20110513	G04G19/00; H01M8/06	New concept circulating water energy clock
CN102610836 A 20120725	GM GLOBAL TECH OPERATIONS INC [US]	US201161434569P 20110120; US201213353744 20120119	H01M8/04	Water vapor transfer-separator plate arrangement
CN102610837 A 20120725	SEMICONDUCTOR ENERGY LAB [JP]	JP20110010977 20110121	H01M8/04; F02B43/10	Hydrogen generating element, hydrogen generation device, power generation device, and driving device
CN102610838 A 20120725	DONGFANG ELECTRIC CORP [CN]	CN2012178815 20120322	H01M8/04; B60L11/18	Thermal management system of fuel cell, fuel cell system, and vehicle with the fuel cell system
CN102610839 A 20120725	UNIV JILIANG CHINA	CN2012195883 20120329	H01M8/04; H01M8/06	Safe and controllable portable power supply and control method
CN102610840 A 20120725	SAINT GOBAIN CERAMICS [US]	US20030477147P 20030609	H01M8/12; H01M8/10; H01M8/24	Fused zirconia-based solid oxide fuel cell
CN102610841 A 20120725	UNIV NANJING	CN2012185403 20120328	H01M8/12; H01M8/02; H01M8/04	Single-cavity solid oxide fuel cell with controlled gas flow direction
CN102610842 A 20120725	UNIV NANJING	CN2012185404 20120328	H01M8/12; H01M8/02; H01M8/04	Medium and high-temperature carbon-air battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102610843 A 20120725	UNIV NANJING	CN2012186145 20120329	H01M8/16; H01M8/02; H01M8/04	Microbial fuel cell
CN102610844 A 20120725	UNIV TSINGHUA	CN2012156036 20120305	H01M8/22; H01M8/04	Method and device for power generation by utilizing low-temperature waste heat
CN102612484 A 20120725	POWERCELL SWEDEN AB	WO2009SE00374 20090723	C01B3/38; B01J8/02; F01N3/20; H01M8/06	Mixing device for a fuel reformer, fuel reformer and method for converting hydrocarbon fuels into hydrogen rich gas
CN102612777 A 20120725	LI TEC BATTERY GMBH [DE]	DE20091051216 20091029; WO2010EP06475 20101022	H01M6/50; H01M8/04; H01M10/50	Electrochemical energy store, and method for thermally stabilizing an electrochemical energy store
CN102612778 A 20120725	TOYOTA MOTOR CO LTD [JP]	WO2009JP69527 20091118	H01M8/04; H01M8/06; H01M8/10	Method for determining the water content state of the cells of a battery, device therefor, method for controlling the water content state of the cells of a battery, device therefor, and battery system
CN102612779 A 20120725	DAIMLER AG [DE]	WO2010EP06638 20101030; DE20091053499 20091116	H01M8/04	Fuel cell system having a fluid separator in the anode circuit
CN102612780 A 20120725	KOLON INC [KR]; KOLON FASHION MATERIAL INC	WO2010KR05699 20100825; KR20090078876 20090825; KR20100039471 20100428	H01M8/10; C08J5/22; C08J7/00; H01B1/06; H01M8/02	Polymer electrolyte membrane for a fuel cell, and method for preparing same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102612781 A 20120725	DAIMLER AG [DE]; FORD MOTOR CO [US]	WO2010EP06836 20101110; US20090615671 20091110; US20100360340P 20100630	H01M8/10; B01D67/00; B01D71/02; B01D71/06; C08J5/22	Composite proton conducting electrolyte with improved additives for fuel cells
CN102616720 A 20120801	BIC SOC [FR]	US20030725264 20031201	B67D7/02; B65B1/04; B67D7/06; B67D7/74; H01M8/04	Method and apparatus for filling a fuel container
CN102618858 A 20120801	HARBIN INST OF TECHNOLOGY	CN2012197525 20120405	C23C18/44; H01M8/10	Methanol-blocking modified preparation method of Pd-Nafion composite membrane
CN102623718 A 20120801	SICHUAN DAZHOU IRON & STEEL GROUP CO LTD	CN20121110356 20120416	H01M4/88; H01M8/18	Method for preparing current collectors for all vanadium flow batteries
CN102623719 A 20120801	ZBEST POWER CO LTD	CN2012189599 20120329	H01M8/02; H01M8/18; H01M8/24	Flow cell frame with diversion structure, galvanic pile and processing method of galvanic pile
CN102623720 A 20120801	UNIV DALIAN MARITIME	CN2012193493 20120401	H01M8/02	Fuel cell metal bipolar plate containing tungsten-modified layer and manufacture method thereof
CN102623721 A 20120801	DONGFANG ELECTRIC CORP [CN]	CN2012199481 20120406	H01M8/02; H01M8/04	Collector plate, bipolar collector plate comprising same, monosell and flow redox cell
CN102623722 A 20120801	ZBEST POWER CO LTD	CN20121110349 20120413	H01M8/02; H01M8/20	Termination electrode device and preparation method for flow batteries
CN102623723 A 20120801	SICHUAN DAZHOU IRON & STEEL GROUP CO LTD	CN20121110366 20120416	H01M8/02; H01M2/16	Modification method of diaphragms for all vanadium flow batteries
CN102623724 A 20120801	YOUNG GREEN ENERGY CO [TW]	CN2011132658 20110127	H01M8/04; H01M8/24	Fuel cell system and control method thereof
CN102623725 A 20120801	YOUNG GREEN ENERGY CO [TW]	CN2011135105 20110130	H01M8/04; H01M8/24	Fuel cell system and its control method



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102623726 A 20120801	YOUNG GREEN ENERGY CO [TW]	CN2011136514 20110131	H01M8/04; H01M8/10	Fuel cell system and its control method
CN102623727 A 20120801	GB GLOBAL TECHNOLOGY OPERATIONS LLC	US201113014907 20110127	H01M8/04; F16K31/00	Compressed hydrogen fueling control valve
CN102623728 A 20120801	KUNSHAN FUERSAI ENERGY CO LTD	CN2012136410 20120217	H01M8/04; G05B19/04	Application structure of human machine interface in fuel cell system on basis of CAN (Controller Area Network) bus
CN102623729 A 20120801	SHENZHEN GOLDEN VANADIUM ENERGY TECHNOLOGY CO LTD	CN2012197624 20120405	H01M8/04	Full-working condition control system for vanadium redox flow battery
CN102623730 A 20120801	UNIV SHANGHAI DIANJI	CN20121118872 20120420	H01M8/04; H01M4/96; H01M8/02	Variable-runner low-temperature and low-voltage rectangular fuel cell
CN102623731 A 20120801	UNIV SHANGHAI DIANJI	CN20121119645 20120420	H01M8/04; H01M4/96; H01M8/02	Straight-runner low-temperature and low-voltage rectangular fuel cell
CN102623732 A 20120801	FENGLIANG GUO	CN2012185733 20120328	H01M8/10; H01M8/02	Solid oxide fuel cell coated with ceramic materials strengthened by basalt fibers
CN102623733 A 20120801	UNIV BEIJING CHEMICAL	CN20121105141 20120411	H01M8/10	Preparation method of proton exchange membrane with nanometer pore structure
CN102623734 A 20120801	SHANGHAI BRIGHT ESUNYES BIOLOG TECHNOLOGY CO LTD	CN20121108967 20120416	H01M8/10	Preparation method of high-performance composite proton exchange membrane of fuel cell
CN102623735 A 20120801	HUI SHU ZHANG	CN2012196368 20120401	H01M8/24; B60L11/18; F01N5/02; F02M25/00; H01M8/06	High-energy storage cell material, engine block, full cell electric vehicle and using method of engine block
CN102625565 A 20120801	NITTO DENKO CORP [JP]	JP20110014085 20110126	H05K1/02; H01M8/10; H05K3/00	Printed circuit board and method for manufacturing the same, and fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102625957 A 20120801	REVOLT TECHNOLOGY LTD [IE]	WO2010IB01817 20100630; US20100340293P 20100315; US20090221998P 20090630; US20100826383 20100629; US20090230550P 20090731; WO2010US40445 20100629	H01M2/02; C08J5/18; H01M4/86; H01M4/88; H01M8/02; H01M8/18; H01M8/22; H01M12/06; H01M12/08	Metal-air battery with siloxane material
CN102625960 A 20120801	REVOLT TECHNOLOGY LTD [IE]	WO2010US40445 20100629; US20090221998P 20090630; US20100340293P 20100315	H01M8/18; H01M8/22; H01M12/08	Metal-air flow battery
CN102628162 A 20120808	HARBIN INST OF TECHNOLOGY	CN20121116822 20120419	C23C14/35; C23C14/06; H01M8/02	Method for preparing plasma chromium-plated nitriding iron-based fuel battery bipolar plate material
CN102628402 A 20120808	UNIV XI AN JIAOTONG	CN20121112919 20120417	F02C6/18; F01K23/10; F02C6/00; H01M8/10	Fuel cell and organic Rankine cycle combined power generating system based on LNG (Liquefied Natural Gas) cold energy utilization
CN102629692 A 20120808	HONDA MOTOR CO LTD [JP]	JP20110022701 20110204	H01M8/02	Fuel cell
CN102629693 A 20120808	GM GLOBAL TECH OPERATIONS INC [US]	US201113018705 20110201	H01M8/04; H01M8/06	Fueling nozzle for gaseous fuels with integrated means for gas detection

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102633360 A 20120815	HARBIN INST OF TECHNOLOGY	CN20121122487 20120424	C02F3/30; C02F3/34; H01M8/16	MBR (membrane biochemical reactor) integrated device for alleviating membrane pollution by utilizing microorganism electrogenesis
CN102634008 A 20120815	TORAY INDUSTRIES [JP]	JP20060219539 20060811	C08G65/40; C08L71/10; H01B1/12; H01M8/10	Polymeric electrolyte material, polymeric electrolyte article, membrane electrode complex and solid polymeric fuel cell
CN102634010 A 20120815	UNIV TIANJIN NORMAL	CN20121118531 20120423	C08G65/48; B01D71/52; B01D71/66; C08G65/40; C08G75/02; H01M2/16; H01M8/02	Polymers containing phosphoric acid group and salts thereof, and preparation method and application thereof
CN102637880 A 20120815	UNIV DALIAN JIAOTONG	CN20121119210 20120420	H01M4/86; C22C38/04; C23C12/00; H01M4/88; H01M8/02	Chromium carbide modified iron-based metal bipolar plate and preparation method thereof
CN102637882 A 20120815	UNIV DONGHUA	CN20121108106 20120413	H01M4/90; B01J31/02; H01M8/02	Metal-free nitrogen- functionalized carbon catalyst as well as preparation method and application thereof
CN102637884 A 20120815	DONGFANG ELECTRIC CORP [CN]	CN20121129676 20120427	H01M8/02; H01M8/04; H01M8/24	Bipolar plate, cooling plate and fuel battery stack
CN102637885 A 20120815	DONGFANG ELECTRIC CORP [CN]	CN20121129153 20120427	H01M8/04; H01M8/24	Cooling system and fuel cell stack

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102637886 A 20120815	PAPILE CHRISTOPHER J	US20070918787P 20070319; US20070927597P 20070504; US20060875121P 20061216; US20070966357P 20070827	H01M8/06; F01K25/00	Methods and/or systems for removing carbon dioxide and/or generating power
CN102637887 A 20120815	UNIV JILIN	CN20121115119 20120418	H01M8/10; H01M8/12	Low-temperature preparation method of oxidapatite-structure lanthanum germanium acid electrolyte material powder body
CN102637888 A 20120815	GUANRONG FANG	TW20110114025 20110422	H01M8/10	Solid electrolyte structure of fuel cell
CN102637889 A 20120815	WUHAN INST TECHNOLOGY	CN20121123116 20120425	H01M8/10	Method of preparing saturation aza-lanthanum silicate solid electrolyte film by adopting microwave plasma
CN102637890 A 20120815	QINGDAO INST OF BIOENERGY AND BIOPROCESS TECHNOLOGY CHINESE ACADEMY OF SCIENCES	CN2012188697 20120330	H01M8/18	Lithium metal flow battery system and preparation method for same
CN102637891 A 20120815	DONGFANG TURBINE CO LTD DONGFANG ELECTRIC CORP	CN20121128014 20120427	H01M8/18; H01M8/02; H01M8/20	Vanadium cell nafion proton membrane and preparation method thereof
CN102637892 A 20120815	CHAOYANG HUADING ENERGY STORAGE TECHNOLOGY CO LTD	CN20121103879 20120411	H01M8/20	Preparation method of all-vanadium-ion redox flow battery solution
CN102639236 A 20120815	NAT UNIVERSITY CORP OF GUNMA UNIVERSITY; NISSHINBO HOLDINGS INC	WO2010JP69567 20101104; JP20090254057 20091105	B01J23/76; B01J23/75; B01J37/08; H01M4/88; H01M4/90; H01M8/10	Carbon catalyst, process for production of same, and electrode and battery each utilizing same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102639592 A 20120815	SUMITOMO CHEMICAL CO [JP]	JP20090239086 20091016; WO2010JP68652 20101015	C08G61/12; C08G61/10; H01B1/06; H01M4/86; H01M8/02; H01M8/10	Polyarylene copolymer and uses thereof ?
CN102639614 A 20120815	BEIJING PRUDENT CENTURY TECHNOLOGY CO LTD	WO2009CN01372 20091204	C08J5/22; C08L27/16; C08L71/10; C08L81/06; H01M8/02; H01M8/10	Polymer blend proton exchange membrane and preparation method thereof
CN102640335 A 20120815	NAT UNIVERSITY CORP UNIVERSITY OF YAMANASHI	WO2010JP71106 20101126; JP20090270275 20091127; JP20100073613 20100326	H01M4/86; B01J23/644; B01J35/10; B01J37/08; H01M8/10	Oxide-based stable high-potential carrier for solid polymer fuel cell
CN102640337 A 20120815	TOYOTA MOTOR CO LTD [JP]	WO2010JP71567 20101202	H01M8/02; H01M8/10	Fuel battery module
CN102640338 A 20120815	SUMITOMO CHEMICAL CO [JP]	WO2010JP68650 20101015; JP20090239087 20091016	H01M8/02; H01B1/06; H01M8/10	polymer electrolyte membrane, membrane- electrode assembly, and solid polymer fuel cell
CN102640341 A 20120815	TOYOTA MOTOR CO LTD [JP]	WO2010IB03007 20101125; JP20090268246 20091126	H01M8/04; H01M8/10	Fuel cell system and control method of same
CN102640342 A 20120815	TOYOTA MOTOR CO LTD [JP]	WO2009JP62539 20090709	H01M8/06; H01M8/04	Fuel cell system and method for operating fuel cell system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102642844 A 20120822	UNIV JILIN	CN20121115126 20120418	C01B33/20; H01M8/10	Lithium chloride molten salt method for preparing lanthanum silicate electrolyte material powder with oxidapatite structure
CN102643421 A 20120822	UNIV TIANJIN NORMAL	CN20121118636 20120423	C08G65/40; B01D71/52; C07F9/53; H01M8/10	Novel polymer containing phosphonate group and preparation method and application of novel polymer
CN102643443 A 20120822	GM GLOBAL TECH OPERATIONS INC [US]	US201113029509 20110217	C08J5/18; C08F8/12; C08F8/22; C08F8/40; C08L53/00; H01M2/16; H01M8/02	Poly(perfluorocyclobutane) ionomer with phosphonic acid groups for high temperature fuel cells
CN102643546 A 20120822	UNIV CHANGCHUN TECHNOLOGY	CN20121134709 20120503	C08L81/06; C08G75/23; C08J5/22; H01M2/16; H01M8/02	1, 3, 4-oxadiazole ring containing poly (aromatic ether sulfone) medium-high temperature proton exchange membrane and preparation method thereof
CN102646835 A 20120822	UNIV CENTRAL SOUTH	CN20121121960 20120424	H01M4/86; H01M8/02	Oxidizability and reducibility conducting polymer flow anode used for flow battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102646841 A 20120822	ITM POWER RESEARCH LTD [GB]	GB20020000421 20020109; GB20010021714 20010907; GB20020000422 20020109	B01D53/22; H01M8/02; B01D67/00; B01D71/40; B01D71/42; B01D71/44; B05D5/12; C08F26/00; C08F220/44; C08F226/00; C08F226/08; C08F226/10; C08J5/22; C25B9/02; C25B9/10; C25B13/04; C25B13/08; H01B1/06; H01B1/12; H01B13/00; H01M8/04; H01M8/10	Hydrophilic polymers and their use in electrochemical cells
CN102646842 A 20120822	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO LTD	CN2011142231 20110222	H01M8/04	Method for improving hydrogen utilization of fuel cell
CN102646843 A 20120822	UNIV DALIAN TECH	CN20121132111 20120428	H01M8/16; C02F3/28	Method for leaching Cobalt (III) (Co (III)) of lithium cobalt oxide in chemical cathode microbial fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102648050 A 20120822	NISSHINBO HOLDINGS INC [JP]; UNIV GUNMA NAT UNIV CORP [JP]	JP20090277825 20091207; WO2010JP71657 20101203	B01J33/00; B01J23/42; H01M4/88; H01M4/92; H01M4/96; H01M8/10	Support for catalyst supporting, material with supported catalyst, electrode, and cell
CN102648108 A 20120822	HONDA MOTOR CO LTD [JP]	JP20090273332 20091201; WO2010JP69423 20101101	B60L11/18; H01M8/04; H02J1/00; H02J7/00; H02M3/155	Power supply apparatus activating method
CN102648547 A 20120822	KOLON INC [KR]	WO2010KR08637 20101203; KR20090119583 20091204; KR20100122459 20101203	H01M8/04; F24F6/00; H01M8/10	Humidifier for fuel cell
CN102651478 A 20120829	SAMSUNG SDI CO LTD [KR]	US201161446394P 20110224; US201113192224 20110727	H01M8/02; H01M8/04; H01M8/24	Fuel cell stack
CN102651479 A 20120829	GM GLOBAL TECH OPERATIONS INC [US]	US201161447212P 20110228; US201113208410 20110812	H01M8/04	Separator roll membrane coating for fuel cell humidifier
CN102651480 A 20120829	SHANGHAI INST CERAMICS	CN2011145047 20110224	H01M8/10; H01M8/02; H01M8/24	Anode-supported solid oxide fuel cell, cell stack and preparation method thereof
CN102652374 A 20120829	UNITED TECHNOLOGIES CORP [US]	WO2009US68681 20091218	H01M8/00	Flow battery with interdigitated flow field



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102652376 A 20120829	TOYOTA MOTOR CO LTD [JP]	JP20100247491 20101104; WO2011JP03834 20110705	H01M8/02; H01M4/86; H01M8/10	Fuel cell and method for manufacturing fuel cell
CN102655236 A 20120905	ZHENGZHOU TOBACCO RES CNTC	CN20111329924 20111026; CN20121118088 20120420	H01M4/86; H01M8/10	Application of Pd/Gamma-AIOOH modified glassy carbon electrode in carrying out electro-catalytic oxidation on methanol under alkaline conditions
CN102655237 A 20120905	UNIV HUAZHONG SCIENCE TECH	CN20121121505 20120423	H01M8/02	Method and device for compositing fuel cell membrane electrode component
CN102655238 A 20120905	GM GLOBAL TECH OPERATIONS INC [US]	US20060384705 20060320	H01M8/02; H01M8/04; H01M8/10	Diffusion media with vapor deposited fluorocarbon polymer
CN102655239 A 20120905	HONDA MOTOR CO LTD [JP]	JP20110047470 20110304	H01M8/04; B60L11/18; H01M8/06	Fuel cell system
CN102656042 A 20120905	ALUTECH GMBH [AT]	WO2010AT00429 20101109; AT20090002000 20091217	B60K15/03; F01N3/00; F17C13/00; H01M8/04	Container for fluid operating materials of a motor vehicle
CN102658645 A 20120912	UNIV NORTH CHINA ELEC POWER	CN20121149058 20120514	B29C55/02; B29C71/02; H01M8/10	Method for preparing perfluorinated sulfonic acid proton exchange membrane with specifically-oriented structure
CN102659127 A 20120912	HARBIN INST OF TECHNOLOGY	CN20121182798 20120605	C01B33/20; H01M8/10; H01M8/12	Method for preparing hydroxyapatite type lanthanum silicate electrolyte powder through low-temperature presintering
CN102659237 A 20120912	UNIV HEFEI TECHNOLOGY	CN20121134614 20120503	C02F3/00; C02F3/34; H01M8/16	Method for repairing polluted underground water in situ by using microbiological fuel cell technology

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102659839 A 20120912	UNIV TIANJIN NORMAL	CN20121118508 20120423	C07F9/53; B01D69/06; B01D71/52; C08G65/40; H01M2/16; H01M8/02	Double (4-halogen phenyl group) (3'-dialkyl oxygen phosphine phenone group) oxygen phosphine and preparation method thereof
CN102660043 A 20120912	UNIV BEIJING CHEMICAL	CN20121144600 20120511	C08J7/00; C08G79/02; C08J3/24; C08J5/22; C08L85/02; H01M2/16; H01M8/02	Preparation of novel polyphosphazene alkaline membrane
CN102660120 A 20120912	UNIV NORTH CHINA ELEC POWER	CN20121149269 20120514	C08L81/06; C08J3/24; C08J5/22; C08L61/16; C08L71/12; C08L79/08; C08L85/02; H01M8/10	Crosslinked proton exchange membrane with specific oriented structure and preparation method thereof
CN102661200 A 20120912	UNIV SHENYANG AEROSPACE	CN20121153755 20120517	F02C6/18; F02C3/14; F02C3/22; F02C7/08; F02C7/224; F23R3/40; H01M8/04	Fuel cell/gas turbine hybrid power system with catalytic combustor
CN102664271 A 20120912	USTC UNIV SCIENCE TECH CN	CN20121148318 20120514	H01M4/86; H01M8/12	Fuel cell anode, fuel cell and preparation method thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102664279 A 20120912	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN20121128878 20120427	H01M8/18; H01M8/20; H01M8/24	Passive power supply method and power supply system for vanadium cell emergency power supply
CN102664280 A 20120912	BEIJING GOOD SCENERY STORAGE TECHNOLOGY CO LTD; INST ELECTRICAL ENG CAS	CN20121144560 20120510	H01M8/18; H01M8/04	Pump-free lithium ion flow battery and preparation method of electrode suspension solution
CN102668201 A 20120912	3M INNOVATIVE PROPERTIES CO [US]	WO2010US61798 20101222; US20090288882P 20091222	H01M4/86; H01M4/88; H01M8/10	Fuel cell electrode with nanostructured catalyst and dispersed catalyst sublayer
CN102668204 A 20120912	BASF SE [DE]; SAMSUNG ELECTRONICS CO LTD [KR]	WO2010EP06912 20101112; EP20090014252 20091114	H01M8/00; H01M8/02; H01M8/10	Method for mechanically stabilizing nitrogen-containing polymers
CN102668206 A 20120912	INTELLIGENT ENERGY LTD [GB]	WO2010GB02052 20101109; GB20090020100 20091117	H01M8/02; B21D39/03; H01M4/88	Plate processing
CN102668207 A 20120912	LG CHEMICAL LTD [KR]	KR20090126591 20091218; WO2010KR09040 20101217; KR20100118698 20101126	H01M8/02; B82B3/00; H01M8/10	Macromolecular electrolyte membrane for a fuel cell, and a membrane electrode binder material and a fuel cell comprising the same
CN102668208 A 20120912	TOYOTA MOTOR CO LTD [JP]	WO2010JP07528 20101224; JP20090293878 20091225	H01M8/02; C01B31/02; H01M8/10	Bipolar plate for fuel cell and method for producing the same
CN102668214 A 20120912	TOYOTA MOTOR CO LTD [JP]	WO2010JP05736 20100922	H01M8/24; H01M8/02; H01M8/04; H01M8/10	Fuel cell stack

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CN102668346 A 20120912	TOYOTA MOTOR CO LTD [JP]; NAT UNIV CORP YOKOHAMA NAT UNI	WO2010IB03266 20101216; JP20090287094 20091218	H02M1/34; H01M8/04	Fuel cell system including soft switching boost converter
CN102675670 A 20120919	UNIV DONGHUA	CN20121158045 20120518	C08J5/22; C08L1/02; H01M8/10	Nafion-doping bacterial cellulose proton exchange membrane as well as preparation and application
CN102677082 A 20120919	NANJING UNIVERSTIY SUZHOU HIGH TECH INST	CN20121146485 20120514	C25B1/04; C25B9/04; C25B15/08; H01M8/06	Portable energy saving water electrolysis oxygen-making device
CN102683706 A 20120919	SHIJIAZHANG UNIVERSITY	CN2012118726 20120120	H01M4/60; H01M4/48; H01M4/62; H01M4/88; H01M8/18	Preparation method of graphite felt modified electrode and preparation method of all- vanadium flow battery
CN102683717 A 20120919	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121136133 20120504	H01M4/86; H01M4/90; H01M4/96; H01M8/02	Membrane electrode and fuel cell using same
CN102683718 A 20120919	NANJING UNIVERSTIY SUZHOU HIGH TECH INST	CN20121146418 20120514	H01M4/86; H01M8/02	Bipolar plate for fuel cell
CN102683719 A 20120919	NANJING UNIVERSTIY SUZHOU HIGH TECH INST	CN20121146853 20120514	H01M4/86; H01M8/02	Special bipolar plate of fuel battery cathode
CN102683721 A 20120919	JIANGSU CHAOJIE GREEN ENERGY TECHNOLOGY CO LTD	CN20121163393 20120523	H01M4/86; H01M4/88; H01M4/90; H01M8/12	Solid oxide fuel cell and functional gradient composite cathode and preparation method thereof
CN102683725 A 20120919	SHANGHAI CAS ADVANCED RES INST	CN20121187091 20120607	H01M4/88; H01M4/86; H01M8/10	Preparation method of membrane electrode assembly for direct-methanol fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102683728 A 20120919	SHAOHUA YANG	CN20121147703 20120514	H01M8/02; H01M4/86; H01M4/88; H01M8/10	Anode-supported solid oxide fuel cell and preparation method thereof
CN102683729 A 20120919	MINGBO ZHANG	CN20121173937 20120530	H01M8/04	Fuel supply device for fuel cell
CN102683730 A 20120919	SHANDONG HANGKE NEW ENERGY TECHNOLOGY CO LTD	CN20121184486 20120607	H01M8/04	Method and device for recovering property of air electrode of air cell
CN102683731 A 20120919	KOREA INST SCI & TECH [KR]	KR20110024294 20110318	H01M8/10; H01M2/16	Electrolyte membrane for fuel cell, and membrane-electrode assembly and fuel cell including the same
CN102683732 A 20120919	UNIV NANTONG	CN20121154129 20120516	H01M8/10; C08G65/48; C08G75/23; C08J5/22	Proton exchange membrane made from high polymer-metal complex-heteropoly acid material and preparation method thereof
CN102683733 A 20120919	GUANGZHOU RES INST OF NON FERROUS METALS	CN20121108878 20120412	H01M8/18; C01G31/00	Preparation method for vanadyl sulfate electrolyte of all-vanadium flow battery
CN102686621 A 20120919	FUJIFILM MFG EUROPE BV [NL]	WO2010GB52063 20101209; GB20090021951 20091216	C08F220/60; B01J39/20; B01J41/14; C02F1/42; H01M8/10; H01M8/22	Curable compositions and membranes
CN102687318 A 20120919	3M INNOVATIVE PROPERTIES CO [US]	WO2010US61812 20101222; US20090288950P 20091222	H01M4/66; H01M4/86; H01M8/02	Membrane electrode assemblies including mixed carbon particles
CN102687322 A 20120919	TOYOTA MOTOR CO LTD [JP]	WO2009JP06498 20091201	H01M8/02; H01M8/10; H01M8/24	Fuel cell

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CN102687323 A 20120919	3M INNOVATIVE PROPERTIES CO [US]	WO2010US61244 20101220; US20090289036P 20091222	H01M8/02; H01M8/10; H01M8/24	Fuel cell subassemblies incorporating subgasketed thrifed membranes
CN102687324 A 20120919	POSCO [KR]	WO2010KR09442 20101228; KR20090131639 20091228	H01M8/02; C01F17/00; H01M8/12	Composite ceramic material and method for manufacturing the same
CN102687325 A 20120919	HONDA MOTOR CO LTD [JP]	JP20100005520 20100114; WO2011JP50335 20110112	H01M8/02; H01M8/10	Fuel cell
CN102687327 A 20120919	KYOCERA CORP [JP]	WO2010JP73381 20101224; JP20090293386 20091224	H01M8/04; H01M8/00; H01M8/10; H04M1/02	Portable electronic apparatus
CN102687329 A 20120919	MYUNG WY SOON	KR20100113327 20101115; WO2011KR06127 20110819; KR20100116813 20101123; KR20100113328 20101115; KR20100116569 20101123	H01M8/18; F03B13/00; G01N27/333; H01M8/02; H01M8/04	Electrode for redox flow battery, fabrication method thereof, apparatus
CN102692017 A 20120926	NINGBO INST MAT TECH & ENG CAS [CN]	CN2011174492 20110325	F23D14/02; H01M8/06	Solid-oxide fuel cell (SOFC) power generation system and burner thereof
CN102694139 A 20120926	UNIV DONGHUA	CN20121162444 20120518	H01M2/16; B32B27/08; H01M8/02	Bacterial cellulose-Nafion sandwich proton exchange membrane and preparation and application thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102694143 A 20120926	UNIV TSINGHUA	CN20121185704 20120606	H01M4/02; H01M8/02; H01M8/18	Air/vanadium redox flow battery
CN102694183 A 20120926	GM GLOBAL TECH OPERATIONS INC [US]; HRL LAB LLC [US]	US201113053745 20110322	H01M4/88; H01M8/02	Method to produce a fuel cell flowfield with photopolymer walls
CN102694184 A 20120926	GM GLOBAL TECH OPERATIONS INC [US]	US201113071603 20110325	H01M4/88; H01M4/86; H01M8/02	Direct catalyst coating on free standing microporous layer
CN102694187 A 20120926	NINGBO INST MAT TECH & ENG CAS [CN]	CN2011169119 20110322	H01M8/04; H01M8/06	Solid oxide fuel cell power generation system and evaporation mixing heat exchanger
CN102694188 A 20120926	YOUNG GREEN ENERGY CO [TW]	CN2011180157 20110325	H01M8/06; B63C9/20	Hydrogen power supply module and life saving device
CN102694189 A 20120926	GM GLOBAL TECH OPERATIONS INC [US]	US201113053621 20110322	H01M8/10; H01M8/02; H01M8/04	Plated photopolymer based fuel cell
CN102694190 A 20120926	SHANGHAI INST CERAMICS	CN20121193509 20120612	H01M8/10; H01M4/86	Solid-oxide fuel cell based energy storage cell and preparation method thereof
CN102694191 A 20120926	NINGBO INST MAT TECH & ENG CAS [CN]	CN2011169113 20110322	H01M8/24; H01M8/04; H01M8/10	Solid oxide fuel cell
CN102695741 A 20120926	PROMERUS LLC	WO2010US60144 20101213; US20090283994P 20091211; US20100966768 20101213	C08G61/08; C08F32/08; C08J5/22; H01B1/12; H01M8/08	Norbornene-type polymers having quaternary ammonium functionality
CN102696025 A 20120926	ELECTRICITE DE FRANCE [FR]; INRETS; UNIV FRANCHE COMTE	WO2010FR51295 20100624; FR20090054357 20090625	G06F17/00; G01N37/00; G01R31/36; G06F17/14; H01M8/04	Detection of defects in an electrochemical device

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102701150 A 20121003	NIPPON OIL CORP [JP]	JP20070036705 20070216	C01B3/38; H01M8/04; H01M8/06	Reformer system, fuel cell system, and their operation method
CN102701588 A 20121003	DONGXU GROUP CO LTD	CN20121192245 20120612	C03C3/087; H01M8/04; H01M8/06	Glass substrate for plasma display panel
CN102702036 A 20121003	SAMSUNG SDI CO LTD [KR]	KR20050096243 20051012	C07C309/11; C07C309/42; C07C309/44; C07D209/48; C08K5/42; C08L71/08; C08L79/08; C08L81/06; H01M8/10	Solid acid, polymer electrolyte membrane including the same, and fuel cell using the polymer electrolyte membrane
CN102702414 A 20121003	UNIV SOOCHOW	CN20121212671 20120626	C08F212/14; C08F212/08; C08F220/14; C08F220/18; C08F220/48; C08F224/00; C08J5/22; C08L25/08; C08L25/16; C08L33/08; C08L33/12; C08L33/20; C08L37/00; H01M2/16; H01M8/02	Proton exchange polymer film and preparation method thereof



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102702507 A 20121003	UNIV SOUTH CHINA TECH	CN20121128905 20120427	C08G65/48; C08G65/40; H01M2/16; H01M8/02	Strongly alkaline polyarylether ionomer and preparation and application thereof
CN102709571 A 20121003	DONGFANG ELECTRIC CORP [CN]	CN20121222164 20120629	H01M4/86; H01M8/18; H01M8/20; H01M8/24	Porous electrode, and flow battery, battery stack, and battery system containing porous electrodes
CN102709575 A 20121003	UNIV WENZHOU	CN2012166198 20120314	H01M4/90; B01J27/057; H01M8/02	High CO-resistant anode catalyst of direct alcohol fuel cells and preparation and application
CN102709576 A 20121003	UNIV WUHAN TECH	CN20121189858 20120611	H01M8/02; C08J7/12; C08L79/08; H01M2/16	Composite proton exchange membrane for high-temperature fuel cell and preparation method of composite proton exchange membrane
CN102709577 A 20121003	CHENGDU RUIDINGTE SCIENCE AND TECHNOLOGY CO LTD; UNIV JIAOTONG SOUTHWEST	CN20121175549 20120531	H01M8/04; B60L11/18	Method for satisfactorily controlling net output power of locomotive fuel cell system based on peroxy ratio area
CN102709578 A 20121003	HARBIN INST OF TECHNOLOGY	CN20121182796 20120605	H01M8/10	Indium or niobium epoxide apatite type lanthanum silicate mixed solid electrolyte material and preparation method thereof
CN102709579 A 20121003	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN2012197637 20120405	H01M8/18	Method for preparing vanadium liquid
CN102709623 A 20121003	SHANGHAI YAOYU IND CO LTD	CN20121148612 20120514	H01M12/06; H01M8/04	Energy capacity pre-warning system of zinc-air battery
CN102712725 A 20121003	FUJIFILM MFG EUROPE BV [NL]	WO2010GB52060 20101209; GB20090021949 20091216	C08F220/58; B01J39/20; C02F1/42; H01M8/10; H01M8/22	Curable compositions and membranes

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102713404 A 20121003	TOYOTA MOTOR CO LTD [JP]	JP20100012938 20100125; WO2010JP69253 20101029	F17C5/06; F17C13/02; H01M8/04	Fuel gas station, fuel gas filling system and fuel gas supply method
CN102714322 A 20121003	GORE W L & ASS GMBH [DE]	WO2011EP00240 20110121; US20100690988 20100121	H01M8/02	Five-layer membrane electrode assembly with attached border and method of making same
CN102714327 A 20121003	TOYOTA MOTOR CO LTD [JP]	WO2010JP00206 20100115	H01M8/04	Gas supplying equipment
CN102714328 A 20121003	SAGINOMIYA SEISAKUSHO INC [JP]; NISSAN MOTOR [JP]	WO2010JP73207 20101222; JP20100010870 20100121	H01M8/04; H01M8/10	Filter device
CN102714329 A 20121003	TOYOTA MOTOR CO LTD [JP]	JP20100061865 20100318; WO2011IB00419 20110301	H01M8/04; B60K15/03; B60L11/18	Fuel-cell-powered vehicle
CN102714330 A 20121003	AIRBUS OPERATIONS GMBH [DE]	WO2011EP50783 20110120; DE20101005400 20100122; US20100297465P 20100122	H01M8/04; B64D41/00	Device and method for regulating the humidity of a fuel cell
CN102714331 A 20121003	TOYOTA MOTOR CO LTD [JP]	JP20100004403 20100112; WO2011IB00026 20110111	H01M8/06; C01B3/04; H01M8/04	Fuel cell system and control method for fuel cell system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102714335 A 20121003	TOYOTA MOTOR CO LTD [JP]	WO2010IB03210 20101213; JP20100007906 20100118	H01M10/44; B60L11/18; H01M8/00; H01M8/04; H01M10/46; H01M16/00	Fuel cell system and control method therefor
CN102723500 A 20121010	UNIV WUHAN TECH	CN20121197931 20120615	H01M4/86; B82Y30/00; H01M4/88; H01M8/10	Three-dimensional (3D) array metal-proton conductor high polymer coaxial nanowire single electrode and ordering membrane electrode and preparation method thereof
CN102723501 A 20121010	DONGFANG ELECTRIC CORP [CN]	CN20121222236 20120629	H01M4/86; H01M8/18; H01M8/24	Porous electrode, liquid flow battery with same, battery stack and battery system
CN102723506 A 20121010	INST METAL RES CHINESE ACAD SC	CN20111139957 20110527	H01M8/02; H01M2/16	Enhanced ion-exchange membrane for enhanced vanadium cell and preparation method thereof
CN102723507 A 20121010	UNIV HUAZHONG SCIENCE TECH	CN20121160497 20120522	H01M8/02; H01M8/24	External airway type flat solid oxide fuel cell stack and assembling method
CN102723508 A 20121010	BIC SOC [FR]	US20060807016P 20060711	H01M8/02; H01M8/24	Improved fuel cell assembly
CN102723509 A 20121010	UNIV WUHAN TECH	CN20121197927 20120615	H01M8/02; H01M8/10	Nanofiber array structure based three-dimensional proton conductor based on and membrane electrode and preparation thereof
CN102723510 A 20121010	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121220685 20120629	H01M8/02	Method for manufacturing polar plate for fuel cell
CN102723511 A 20121010	FOSHAN HAIZHUORUI FLUID CONTROL ENGINEERING CO LTD	CN20121193333 20120612	H01M8/04; F04B49/06	Digital pump control system for fuel cell gas supply system and operating method of digital pump control system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102723512 A 20121010	BIC SOC [FR]	US20030629004 20030729	H01M8/04; B67D99/00; F16K24/04; F16K24/06	Fuel cartridge with flexible liner
CN102723513 A 20121010	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121220147 20120629	H01M8/04	Operation method of fuel cell
CN102723514 A 20121010	NINGBO INST MAT TECH & ENG CAS [CN]	CN2011177026 20110329	H01M8/06; H01M8/10	Solid oxide fuel cells power generating system and methane vapor reforming unit thereof
CN102723515 A 20121010	UNIV HEFEI TECHNOLOGY	CN20121209298 20120625	H01M8/06; C02F3/00; C02F3/34; H01M8/02	Microbial fuel cell stack device for repairing polluted ground water in situ
CN102723516 A 20121010	DONGYING JIEDA CHEMICAL TECHNOLOGY CO LTD	CN20121197623 20120615	H01M8/10; H01M4/86	Direct carbon fuel cell device with liquid metal tin serving as anode
CN102723517 A 20121010	UNIV DALIAN TECH	CN20121208272 20120621	H01M8/16; C02F3/30	Microbial fuel cell with separation membrane and biological negative pole, and sewage treatment method
CN102723518 A 20121010	NO 63971 TROOPS PLA	CN2011178311 20110330	H01M8/18; H01M8/02	All-lead liquid flow battery
CN102723519 A 20121010	NO 63971 TROOPS PLA	CN2011178313 20110330	H01M8/18	Lead liquid flow battery electrolyte
CN102725879 A 20121010	LI TEC BATTERY GMBH [DE]	WO2010EP07844 20101221; DE20101005017 20100119	H01M2/10; H01G9/00; H01M2/20; H01M8/24; H01R11/28	Electrical energy unit and spacer
CN102725896 A 20121010	TOYOTA AUTO BODY CO LTD [JP]	WO2010JP72629 20101216; JP20100008854 20100119	H01M8/02; H01M8/10	Fuel battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102725898 A 20121010	MANN & HUMMEL GMBH [DE]; DAIMLER AG [DE]	DE20091049427 20091014; WO2010EP61808 20100813; DE20091037080 20090813	H01M8/04; B01J47/02	Cooling device for a functional system
CN102728316 A 20121017	FAW GROUP CORP	CN20121238835 20120711	B01J20/20; B01D53/56; B01D53/94; B01J20/30; C01C1/00; H01M8/04	Magnesium-salt ammonia storage mixture and preparation method thereof
CN102728345 A 20121017	GUANGZHOU INST ENERGY CONV CAS	CN20121168772 20120525	B01J23/34; C02F1/461; H01M4/90; H01M8/16	Manganese dioxide catalyst, preparation method for same and application of same in microbial fuel cell treatment
CN102730714 A 20121017	FAW GROUP CORP	CN20121238802 20120711	C01C1/00; B01D53/56; B01D53/76; B01J20/18; B01J20/30; H01M8/06	Magnesium-salt porous active ammonia-storage active mixture and preparation thereof
CN102730715 A 20121017	FAW GROUP CORP	CN20121238804 20120711	C01C1/00; B01D53/56; B01D53/76; B01J20/18; B01J20/30; H01M8/06	Ammonia-storage active mixture and preparation thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102730716 A 20121017	FAW GROUP CORP	CN20121238807 20120711	C01C1/00; B01D53/56; B01D53/76; B01J20/18; B01J20/30; H01M8/06	Preparation of porous active ammonia-storing mixture containing molecular sieve
CN102731090 A 20121017	UNIV SOUTH CHINA NORMAL	CN20121220749 20120629	C04B35/47; C04B35/632; H01M4/86; H01M4/88; H01M8/10	Anode material of direct-hydrocarbon solid oxide fuel cell and preparation method thereof
CN102731811 A 20121017	USTC UNIV SCIENCE TECH CN	CN20121205298 20120620	C08J5/22; B01J41/12; C08J7/12; C08L61/16; C08L71/10; C08L71/12; C08L81/06; H01M2/16; H01M8/02	Homogeneous anion exchange membrane and preparation method thereof
CN102738473 A 20121017	DONGFANG ELECTRIC CORP [CN]	CN20121247488 20120717	H01M4/86; H01M4/88; H01M8/18; H01M8/24	Composite porous electrode, single cell comprising composite porous electrode, cell stack and preparation method of composite porous electrode
CN102738474 A 20121017	DONGFANG ELECTRIC CORP [CN]	CN20121247940 20120717	H01M4/86; H01M4/88; H01M8/02; H01M8/18	Composite porous electrode, single cell and cell stack containing same and preparation method thereof
CN102738476 A 20121017	JIABIN LIU	CN20121263787 20120729	H01M4/88; H01M8/10	Production technology of nitrogen-doped graphene supported transition metal cathode of sodium borohydride fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102738488 A 20121017	SONY CORP [JP]	JP20110088248 20110412	H01M8/04; H01M8/16	Bio-fuel cell fuel supply body and bio-fuel cell system
CN102738490 A 20121017	GM GLOBAL TECH OPERATIONS INC [US]	US201161475843P 20110415; US201213446147 20120413	H01M8/04; H01M8/02	Wet paper for fuel cell humidifier
CN102738494 A 20121017	UNIV DONGHUA	CN20121162430 20120518	H01M8/10; H01M8/02	Bacterial cellulose/Nafion proton exchange mixing film, preparation method and application thereof
CN102738496 A 20121017	HARBIN INST OF TECHNOLOGY	CN20121239907 20120712	H01M8/16; H01M8/06	Microbial fuel cell and method for treating potato starch waste residue by adopting same
CN102741123 A 20121017	SIEMENS AG [DE]	DE20101006153 20100129; WO2011EP51233 20110128	B64D27/24; H01M8/00; H01M8/22	Electrically driven aircraft
CN102742056 A 20121017	HONDA MOTOR CO LTD [JP]	WO2011JP51899 20110131; JP20100021529 20100202	H01M8/02; H01M4/86; H01M8/00; H01M8/04	Membrane electrode structure for solid polymer fuel cell, and solid polymer fuel cell
CN102742057 A 20121017	PANASONIC CORP [JP]	JP20080061178 20080311; JP20080061176 20080311; WO2009JP00557 20090212; JP20080061177 20080311; JP20080061175 20080311	H01M8/04; H01M8/02; H01M8/10	Film electrode assembly

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102745989 A 20121024	STARCK H C GMBH	DE20061038602 20060817; DE20061044824 20060920	C04B35/48; C04B35/626; H01M8/12	Zirconium oxide and method for the production thereof
CN102746508 A 20121024	UNIV JILIN	CN20121218675 20120628	C08G65/48; C08G65/40; C08J5/22; H01M2/16; H01M8/02	Sulfonated polyarylethersulfone, its preparation method and application in aspect of proton exchange membranes
CN102746511 A 20121024	NINGBO INST MAT TECH & ENG CAS [CN]	CN2011196240 20110418	C08G73/10; C08J5/22; C08J7/14; H01M2/16; H01M8/02	Sulfonated polyimide with hydrolysis resistance, and preparation method and application thereof
CN102751508 A 20121024	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110036375 20110419; KR20110104835 20111013	H01M4/86; H01M8/02; H01M8/10	Cathode material for a fuel cell, cathode including the cathode material, and a solid oxide fuel cell including the cathode material
CN102751514 A 20121024	HONDA MOTOR CO LTD [JP]	JP20110094364 20110420; JP20110094344 20110420; JP20110094346 20110420	H01M8/02	Fuel cell unit and fuel cell
CN102751515 A 20121024	HONDA MOTOR CO LTD [JP]	JP20110096041 20110422; JP20120042602 20120229	H01M8/02	Fuel cell
CN102751516 A 20121024	SHENZHEN GOLDEN VANADIUM ENERGY TECHNOLOGY CO LTD	CN20121229762 20120704	H01M8/02; H01M8/04; H01M8/24	Vanadium liquid temperature self-adjusting mechanism and vanadium electric pile system using same



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102751517 A 20121024	HONDA MOTOR CO LTD [JP]	JP20110096053 20110422	H01M8/04	Fuel cell
CN102751518 A 20121024	HONDA MOTOR CO LTD [JP]	JP20110094155 20110420; JP20110094888 20110421	H01M8/04; H01M8/24	Fuel cell system and control method thereof
CN102751520 A 20121024	BIC SOC [FR]	US20050722410P 20051003	H01M8/04; C01B3/06; H01M8/06	Optimizing hydrogen generating efficiency in fuel cell cartridges
CN102751521 A 20121024	SUNRISE POWER CO LTD	CN20121228053 20120703	H01M8/04	Heating system for starting fuel cell at low temperature with air backflow and heating method thereof
CN102751522 A 20121024	BOYUAN FUEL CELL SHANGHAI CO LTD	CN20121218506 20120628	H01M8/06; H01M8/04	Fuel cell mobile power generation system with hydrogen as fuel
CN102751523 A 20121024	DONGFANG ELECTRIC CORP [CN]	CN20121247966 20120717	H01M8/06; H01M8/02; H01M8/24	Integrated cell, integrated cell stack including integrated cell and integrated cell system
CN102751524 A 20121024	INST PROCESS ENG CAS	CN2011195879 20110418	H01M8/16; H01M4/96	Microbial fuel cell without membrane
CN102751525 A 20121024	DONGFANG ELECTRIC CORP [CN]	CN20121222378 20120629	H01M8/18; H01M8/24	Flow battery, and flow battery stack and flow battery system containing same
CN102751526 A 20121024	TIELIU LI	CN20111100207 20110421	H01M8/24; H01M8/04; H01M8/10	Hydrogen fuel cell, its system and method for dynamic varying humidity control
CN102754260 A 20121024	SHOWA DENKO KK [JP]	JP20100251890 20101110; JP20110006192 20110114; WO2011JP52689 20110209; JP20100028025 20100210	H01M4/88; B01J27/24; B01J37/04; B01J37/08; C01B21/076; C01B21/082; H01M4/90; H01M8/10	Method for producing fuel cell electrode catalyst, method for producing transition metal oxycarbonitride, fuel cell electrode catalyst and use thereof

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CN102754266 A 20121024	GREATPOINT ENERGY INC	WO2011US25609 20110221; US20100307226P 20100223	H01M8/06; C01B3/00; C10J3/00; C10L3/08	Integrated hydromethanation fuel cell power generation
CN102759786 A 20121031	SONY CORP [JP]	JP20110101411 20110428	G02B7/04; H01M8/10	Drive unit, lens module, image pickup unit, fuel cell, and ion exchange resin
CN102760890 A 20121031	JIABIN LIU	CN20121263791 20120729	H01M4/88; H01M4/90; H01M8/02; H01M8/10; H01M8/22	industrial production technology for novel direct sodium borohydride fuel battery cathode
CN102760895 A 20121031	JIANGSU HY POWER TECHNOLOGY DEV CO LTD	CN20111116275 20110429	H01M8/00	Tail gas recovering and recycling device of fuel battery
CN102760896 A 20121031	DALIAN CHEMICAL PHYSICS INST	CN20111110200 20110429	H01M8/02; H01M8/10	Current collection component of anode supporting tube type solid oxide fuel cell and application thereof
CN102760897 A 20121031	HYUNDAI MOTOR CO LTD [KR]; KOREA INST SCI & TECH [KR]	KR20110040477 20110429	H01M8/02; H01M8/04	Porous medium with increased hydrophobicity and method of manufacturing the same
CN102760898 A 20121031	DONGYING JIEDA CHEMICAL TECHNOLOGY CO LTD	CN20121197627 20120615	H01M8/02; H01M8/22	Linear-carbon fuel cell device with porous ceramic material as support
CN102760899 A 20121031	UNIV WUHAN TECH	CN20121197930 20120615	H01M8/02; H01M8/10	Single electrode and ordered membrane electrode based on active metal and conductive polymeric coaxial nanowire and preparation method thereof
CN102760900 A 20121031	UNIV NORTH CHINA ELEC POWER	CN20121244826 20120713	H01M8/04; F01D15/10	Pressurized solid oxide fuel cell (SOFC)/ gas turbine (GT)/ air turbine (AT)/ steam turbine (ST) hybrid power system with zero release of CO2 which is combined with scavenging and integrated with optical terminal multiplexer (OTM)

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CN102760901 A 20121031	TAICANG KELAIPUSHA ENERGY TECHNOLOGY CO LTD	CN20121259741 20120725	H01M8/04; B63J99/00	Marine power supply system and marine power generation method
CN102760902 A 20121031	JIABIN LIU	CN20121261215 20120726	H01M8/04; B67D99/00	Independent type hydraulic fuel conveying device of all-liquid fuel cells
CN102760903 A 20121031	DONGFANG ELECTRIC CORP [CN]	CN20121278804 20120807	H01M8/18; H01M8/02	Vanadium battery
CN102763256 A 20121031	DAIMLER AG [DE]	DE20101008209 20100217; WO2010EP07377 20101204	H01M8/04; F23D14/62	Catalytic burner
CN102763257 A 20121031	DAIMLER AG [DE]	WO2010EP07378 20101204; DE20101008205 20100217	H01M8/04	Fuel cell system having at least one fuel cell
CN102763258 A 20121031	DAIMLER AG [DE]	WO2011EP00632 20110210; DE20101007977 20100215	H01M8/04	Fuel cell system comprising at least one fuel cell
CN102763259 A 20121031	BOEING CO [US]	WO2011US20237 20110105; US20100706250 20100216	H01M8/04; H01M8/06; H01M8/24	An electrochemical cell system
CN102763262 A 20121031	HONDA MOTOR CO LTD [JP]	WO2011JP53822 20110222; JP20100044493 20100301	H01M8/24; H01M8/02; H01M8/10	Fuel cell
CN102769140 A 20121107	UNIV DALIAN JIAOTONG	CN20121269160 20120730	H01M4/88; H01M8/02	Method for manufacturing sequential catalyst layer of electrode of proton exchange membrane fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102769141 A 20121107	SUNRISE POWER CO LTD	CN20121272335 20120801	H01M4/88; H01M4/86; H01M8/02	Membrane electrode assembly of proton exchange membrane fuel cell and manufacturing method of membrane electrode assembly
CN102769144 A 20121107	SUNRISE POWER CO LTD	CN20121264471 20120727	H01M8/04	Air heating system for low-temperature start of fuel cells and control method thereof
CN102770996 A 20121107	TOYOTA MOTOR CO LTD [JP]	WO2010JP01315 20100226	H01M8/04	Fuel cell system
CN102770997 A 20121107	PANASONIC CORP [JP]	WO2011JP00956 20110221; JP20100035580 20100222	H01M8/04	Fuel cell operating method and fuel cell system
CN102774291 A 20121114	HONDA MOTOR CO LTD [JP]	JP20110197777 20110912; JP20110107144 20110512	B60L11/18; H01M8/04	Fuel cell system
CN102774810 A 20121114	UNIV SHANGHAI JIAOTONG	CN20121232610 20120706	C01B3/04; H01M8/06	Reaction device utilizing sunlight for directly decomposing water to produce hydrogen
CN102775068 A 20121114	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121274927 20120803	C03C8/24; H01M8/02	Preparation method for sealing piece of fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102775628 A 20121114	UNIV BEIJING CHEMICAL	CN2012104207 20120109	C08J7/14; C08F212/14; C08F228/02; C08F255/02; C08F255/06; C08F279/02; C08F287/00; C08F291/02; C08L51/00; C08L51/04; C08L51/06; H01M2/16; H01M8/02	Preparation method of polymer matrix proton exchange membrane (PEM) with cross-linked structure
CN102777285 A 20121114	WENLE CHEN	CN20111122776 20110512	F02M21/02; C25B1/04; F02B63/04; F02M25/12; F23K5/00; H01M8/06	Fuel supply system
CN102780015 A 20121114	GM GLOBAL TECH OPERATIONS INC [US]	US201113103444 20110509	H01M8/02	Stable ultralyophobic coating for PEMFC bipolar plate water management
CN102780016 A 20121114	HONDA MOTOR CO LTD [JP]	JP20110106774 20110512	H01M8/04; B60L11/18	Fuel cell system
CN102780017 A 20121114	GM GLOBAL TECH OPERATIONS INC [US]	US201113104671 20110510	H01M8/04	Acoustic speed of sound measurement using bandpass filtering of automotive pressure sensors
CN102780018 A 20121114	BEIJING BAINENG HUITONG TECHNOLOGY CO LTD	CN20121286862 20120813	H01M8/04; H01M8/20	Integrated liquid storage pot and novel zinc-bromine redox flow battery
CN102780019 A 20121114	SUMITOMO CHEMICAL CO [JP]	JP20060198573 20060720; JP20060215992 20060808	H01M8/10; C08J5/22; H01B1/12	Polymer electrolyte membrane, membrane-electrode assembly and fuel battery cell each using the polymer electrolyte membrane

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102780020 A 20121114	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121274802 20120803	H01M8/10	Preparation method of composite proton exchange membrane of fuel battery
CN102780021 A 20121114	HARBIN INST OF TECHNOLOGY	CN20121269027 20120731	H01M8/16; C02F1/48; C02F3/30; H01M4/96; H01M8/02; H01M8/04	A/O type film-free biological cathode microbial fuel cell
CN102781308 A 20121114	HOFFMANN LA ROCHE	WO2010EP06770 20101106; EP20100002588 20100311	A61B5/00; C12Q1/00; H01M8/16	Method for the electrochemical measurement of an analyte concentration in vivo, and fuel cell for this purpose
CN102781561 A 20121114	ACAL ENERGY LTD [GB]	WO2011GB50411 20110301; GB20100003466 20100302; GB20100016005 20100923	B01F3/04; C02F3/20; C12M1/04; E21B43/16; H01M8/18	Bubbles generation device and method
CN102781576 A 20121114	NORITAKE CO LTD [JP]	WO2010JP71341 20101130; JP20100044101 20100301	B01J23/89; B01J35/08; B01J37/16; H01M4/88; H01M4/90; H01M8/10	Catalyst having metal microparticles supported thereon, and use thereof
CN102781820 A 20121114	PANASONIC CORP [JP]	JP20100047453 20100304; WO2011JP01216 20110302	C01B3/38; H01M8/06; H01M8/10	Hydrogen generator and fuel cell power generation system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102781863 A 20121114	NIHON YAMAMURA GLASS CO LTD	WO2011JP54194 20110224; JP20100039086 20100224	C03C8/02; C03C8/24; H01M8/02; H01M8/12	Glass composition and sealing material
CN102781877 A 20121114	SGL CARBON SE [DE]	DE20091055440 20091231; DE20091055443 20091231; WO2010EP70974 20101231; DE20091055444 20091231; DE20101002000 20100216; DE20101002434 20100226; DE20101002989 20100317; DE20101041085 20100920; DE20101041822 20100930; DE20091055441 20091231; DE20091055442 2	C04B35/536; B32B18/00; C01B31/04; C04B35/52; C04B37/00; C08K3/04; C09C1/46; E04C2/00; F16J15/00; F16L23/00; H01L23/00; H01M2/00; H01M4/00; H01M8/00; H05B3/00	Layered composite material for use in a redox flow battery
CN102782917 A 20121114	TOYOTA MOTOR CO LTD [JP]	WO2010JP01399 20100302	H01M8/02; H01M8/10	Fuel cell
CN102782919 A 20121114	BASF SE [DE]	WO2011IB50922 20110304; EP20100155581 20100305	H01M8/02; C08J5/22; H01M4/137	Improved polymer membranes, processes for production thereof and use thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102782920 A 20121114	YAZAKI CORP	WO2011JP59757 20110420; JP20100103799 20100428	H01M8/04; B60L3/00; B60L11/18; G01R19/00; H01M8/00	Voltage detection device for fuel cell
CN102782921 A 20121114	AMMINEX AS [DK]	WO2011EP01046 20110302; US20100309542P 20100302	H01M8/06; B01J19/24	Apparatus for generating hydrogen from ammonia stored in solid materials and integration thereof into low temperature fuel cells
CN102786330 A 20121121	HARBIN INST OF TECHNOLOGY	CN20121305240 20120824	C05F17/02; H01M8/16	System for accelerating anaerobic composting of dewatered sludge by bioelectricity production
CN102786475 A 20121121	UNIV SHANGHAI	CN20121213308 20120918	C07D233/62; H01M2/16; H01M8/02	Proton exchange membrane monomer for fuel cell and synthesizing method thereof
CN102786755 A 20121121	DALIAN CHEMICAL PHYSICS INST	CN20111130038 20110519	C08L27/12; C08J5/18; C08J7/12; C08J7/14; C08K3/16; C08K9/04; H01M2/16; H01M8/02	LnF3/Nafion composite membrane and its preparation method and use
CN102790196 A 20121121	NINGBO INST MAT TECH & ENG CAS [CN]	CN20111127392 20110517	H01M2/20; H01M8/24	High temperature resistant metal connecting member, its preparation method, and solid oxide fuel cell stack
CN102790226 A 20121121	HONDA MOTOR CO LTD [JP]	JP20110113319 20110520	H01M8/02; H01M8/04	Fuel cell
CN102790227 A 20121121	HONDA MOTOR CO LTD [JP]	JP20110113321 20110520	H01M8/02	Fuel Cell



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102790228 A 20121121	JIANGSU OLITER ENERGY TECHNOLOGY CO LTD	CN20121264829 20120730	H01M8/02; H01M2/16; H01M4/94	Zinc-bromine flow battery anion exchange film
CN102790229 A 20121121	UNIV DALIAN TECH	CN20121250468 20120719	H01M8/10; H01M4/88; H01M4/90; H01M8/12	Preparation method of solid oxide fuel cells with anodes needing no reduction
CN102790230 A 20121121	WUXI GUOYING TECHNOLOGY CO LTD	CN20121274651 20120803	H01M8/10; H01M8/02	Air cooling type proton exchange membrane fuel battery pile
CN102790231 A 20121121	UNIV NANCHANG	CN20121247513 20120718	H01M8/16; C02F3/34; H01M4/96; H01M8/02; H01M8/04	Double-cylinder microbial fuel cell with piggery wastewater as fuel
CN102790232 A 20121121	UNIV NANCHANG	CN20121247542 20120718	H01M8/16; C02F3/34; H01M4/96; H01M8/02; H01M8/04	Double-cylinder microbial fuel cell for treatment of piggery wastewater
CN102790233 A 20121121	NIE LUO; JI CUI	US201161488163P 20110520	H01M8/18; H01M4/86	Flow battery
CN102792501 A 20121121	TOPPAN PRINTING CO LTD [JP]	WO2011JP51923 20110131; JP20100058911 20100316	H01M4/90; B01J27/24; H01M4/88; H01M8/10	Process for production of cathode catalyst layer for fuel cell, cathode catalyst layer, and membrane electrode assembly for solid polymer fuel cell
CN102792505 A 20121121	WAERTSILAE FINLAND OY [FI]	FI20100005196 20100301; WO2011FI50019 20110112	H01M8/04; H01M8/12	Method and arrangement for avoiding anode oxidation

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102792506 A 20121121	TOYOTA MOTOR CO LTD [JP]	WO2011IB00364 20110223; JP20100051230 20100309	H01M8/04	High pressure gas supply system and fuel cell system
CN102792507 A 20121121	JX NIPPON OIL & ENERGY CORP [JP]	JP20100053936 20100311; WO2011JP55375 20110308	H01M8/04; H01M8/10	Fuel cell system and method for controlling electric current of same
CN102796274 A 20121128	UNIV CHANGZHOU; UNIV SOOCHOW	CN20121165228 20120525	C08J5/22; C07F7/21; C08K5/549; C08L79/04; H01M2/16; H01M8/02	Composite proton exchange membrane for high temperature-resistant fuel cell and preparation method for composite proton exchange membrane
CN102800874 A 20121128	GM GLOBAL TECH OPERATIONS INC [US]	US201113116250 20110526	H01M8/04	Piezoelectric injector for fuel cell
CN102800875 A 20121128	JS POWER INC	CN20121293287 20120817	H01M8/04; H01M8/02; H01M8/22	Portable high polymer fuel cell and hydrogen production power generation integrated system
CN102800876 A 20121128	JIANGSU ICE CITY INSULATION MATERIALS STOCK CO LTD	CN20121326221 20120906	H01M8/04	Self-humidifying fuel cell
CN102800877 A 20121128	UNIV CHINA GEOSCIENCES WUHAN [CN]	CN20111139186 20110527	H01M8/06; C07D209/08; C07D209/86; C07D215/04; H01M8/04	Parallel direct fuel cell energy storage and supply system based on liquid hydrogen storage material
CN102800878 A 20121128	UNIV CHINA GEOSCIENCES WUHAN [CN]	CN20111139197 20110527	H01M8/06; C07D209/08; C07D209/86; C07D215/04; H01M8/04	Integrated direct fuel cell energy storing and supplying system based on liquid hydrogen storage material

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102800879 A 20121128	INST OF MICROELECTRONICS CAS	CN20111133383 20110523	H01M8/10; B81C1/00	MEMS manufacturing method of fuel cell
CN102800880 A 20121128	UNIV CHINA GEOSCIENCES WUHAN [CN]	CN20111139173 20110527	H01M8/10	Direct fuel cell based on organic liquid hydrogen storage material
CN102800881 A 20121128	SHANGHAI JINZHONG INFORMATION TECHNOLOGY CO LTD	CN20121274777 20120803	H01M8/10	Preparation method for inorganic proton exchange membrane of fuel cell
CN102800882 A 20121128	HUBEI GREATSEA NEW POWER TECHNOLOGY CO LTD	CN20121327887 20120907	H01M8/10; H01M8/04	Fuel-cell power generation system
CN102800883 A 20121128	UNIV ZHEJIANG	CN20121290040 20120815	H01M8/16; C02F3/02; C02F3/10; C02F3/34; H01M8/02	Nitrification microbial fuel cell
CN102800884 A 20121128	HONDA MOTOR CO LTD [JP]	JP20110116281 20110524	H01M8/24; H01M8/04	Fuel cell system and control method thereof
CN102800885 A 20121128	UNIV WUHAN TECH	CN20121295465 20120820	H01M8/24; H01M8/02	Device for fuel cell electric pile assembly
CN102803346 A 20121128	BASF SE [DE]	WO2010EP03670 20100617; EP20090008110 20090620	C08G73/18; B01D71/62; C08G73/22; C08J5/22; H01M8/10	Composition Containing Polyazole
CN102803347 A 20121128	BASF SE [DE]	WO2010EP03671 20100617; EP20090008110 20090620; EP20090015457 20091215	C08G73/18; B01D71/62; C08G73/22; C08J5/22; H01M8/10	Method For The Production Of A High-molecular Polyazole

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102803362 A 20121128	CANON KK [JP]	WO2010JP60598 20100616; JP20090149220 20090623	C08J9/28; B01D71/06; H01M8/02; H01M8/10	Method Of Producing Porous Polymer Film And Porous Polymer Film Produced By The Method
CN102804466 A 20121128	NISSAN MOTOR [JP]	WO2010JP60825 20100625; JP20090153012 20090626	H01M4/86; H01M8/00; H01M8/02; H01M8/10	Hydrophilic porous layer for fuel cells, gas diffusion electrode and manufacturing method thereof, and membrane electrode assembly
CN102804468 A 20121128	NOK CORP	WO2010JP58957 20100527; JP20090146713 20090619	H01M8/02; H01M8/10	Fuel cell sealing structure
CN102804470 A 20121128	SHARP KK [JP]	WO2010JP59707 20100608; JP20090138414 20090609	H01M8/18; H01M8/02; H01M8/04; H01M10/052; H01M10/058	Redox flow battery
CN102804471 A 20121128	SHELL INT RESEARCH	WO2010US38492 20100614; US20090187539P 20090616	H01M8/18	Systems And Processes Of Operating Fuel Cell Systems
CN102807668 A 20121205	HUNDAI MOTRO COMPANY;DONGJIN SEMICOHEM CO., LTD.	KR20110051422 20110530; KR20120056712 20120529	C08G61/12; C08L65/00; H01M8/02; H01M8/10	Polyarylene polymer, method for preparing the polymer, and polymer electrolyte membrane for fuel cell using the polymer
CN102810680 A 20121205	BEIJING KAIYUAN KECHUANG SCIENCE & TECHNOLOGY DEVELOPMENT CO., LTD.	CN20111149395 20110605	H01M8/02; H01M4/86; H01M4/88	Porous metal-ceramic composite material gas spreading layer used for hydrogen fuel cell and preparation method thereof
CN102810681 A 20121205	GM GLOBAL TECH OPERATIONS LLC; HRL LAB LLC [US]	US201113151734 20110602	H01M8/02	Fuel cell fabrication using photopolymer-based processes

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102810682 A 20121205	GUANGZHOU INSTITUTE OF ENERGY CONVERSION, CHINESE ACADEMY OF SCIENCES	CN20121295547 20120817	H01M8/02; C02F3/34; H01M8/16	Microbial fuel cell and method for enhancing discharge voltage of microbial fuel cell by using biochar
CN102810683 A 20121205	GM GLOBAL TECH OPERATIONS LLC	US201113151604 20110602	H01M8/04; G01M3/02	Use of hydrogen sensor to detect hydrogen storage system pressure regulator failure
CN102810684 A 20121205	GM GLOBAL TECH OPERATIONS LLC	US201113152844 20110603	H01M8/04	Fuel cell system having a fluid flow distribution feature
CN102810685 A 20121205	BELENOS CLEAN POWER HOLDING AG [CH]	EP20110168535 20110601	H01M8/04; H02J7/00	Method for managing the operation of a hybrid system
CN102810686 A 20121205	SHANGHAI HEJI DEDONG HYDROGEN MACHINE CO LTD	CN20121277772 20120806	H01M8/04; H01M8/22	Ethanol-water generating equipment and method
CN102810687 A 20121205	WUHAN UNIVERSITY OF TECHNOLOGY	CN20121292699 20120817	H01M8/10	Chemically-bonded HEDP (1-hydroxy ethylidene-1, 1-diphosphonic acid) medium-temperature organic polysiloxane phosphate based proton exchange membrane and preparation method thereof
CN102810688 A 20121205	SHANGHAI SHENLI HIGH TECH CO	CN20111146728 20110601	H01M8/24; H01M8/04	Fuel cell stack capable of being started at low temperature and operated at high temperature
CN102810855 A 20121205	KANG JIAN	CN20111148192 20110603	H02J1/00; H01M8/00	Co-production and co-supply system of solar water oxy-hydrogen electric power and gas
CN102812587 A 20121205	PROTIA AS [NO]	WO2011EP51970 20110210; US20100303854P 20100212	H01M8/02; C01B3/50; C07C5/32	Proton conducting membrane
CN102812588 A 20121205	NUVERA FUEL CELLS INC [US]	WO2010US27004 20100311	H01M8/04; H01M8/02; H01M8/10; H01M8/24	Open Flow Field Fuel Cell
CN102820476 A 20121212	MA ZHIQI	CN20111449049 20111229	H01M8/02; H01M2/16	Application of proton exchange membrane in Fe-Cr system liquid phase fluid battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102820477 A 20121212	HYUNDAI MOTOR COMPANY	KR20110055814 20110609	H01M8/04	Apparatus for controlling hydrogen supply of fuel cell system and method for controlling the same
CN102820478 A 20121212	GM GLOBAL TECH OPERATIONS LLC	US201113155047 20110607	H01M8/04; G01R31/36	Smart in-vehicle reactive recovery strategy
CN102820479 A 20121212	ANGSTROM POWER, INC	US20060743173P 20060125	H01M8/04; H01M8/24	Method for operating fuel cells with passive reactant supply
CN102820480 A 20121212	GENERAL ELECTRIC COMPANY	CN20111153436 20110609	H01M8/06; F01K27/02; H01M8/10; H01M8/14	Fuel cell and gas turbine hybrid generating system and power generation method implemented by same
CN102822086 A 20121212	JX NIPPON OIL & ENERGY CORP [JP]	WO2011JP56603 20110318; JP20100078818 20100330	C01B3/38; C01B3/48; H01M8/06	Hydrogen production apparatus and fuel cell system
CN102823039 A 20121212	TOYOTA MOTOR CORP	WO2010JP56334 20100407	H01M4/86; H01M8/10	Fuel cell
CN102823040 A 20121212	TOPPAN PRINTING CO LTD [JP]	WO2011JP50767 20110118; JP20100073070 20100326	H01M4/88; H01M8/02; H01M8/10	Method for manufacturing fuel cell membrane electrode assembly and apparatus for manufacturing fuel cell membrane electrode assembly
CN102823042 A 20121212	ATSUMITEC KK [JP]	JP20100088647 20100407; WO2011JP53678 20110221	H01M8/02; H01M8/00; H01M8/12	Electricity-generation device
CN102823043 A 20121212	NIPPON CATALYTIC CHEM IND [JP]	JP20100076530 20100330; WO2011JP01882 20110329	H01M8/02; H01M8/12	Electrolyte sheet for solid oxide type fuel cell and process for production thereof, single cell for solid oxide type fuel cell, and solid oxide type fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102823045 A 20121212	TOYOTA MOTOR CO LTD [JP]	WO2011IB00816 20110413; JP20100091874 20100413	H01M8/10; H01M4/88	Membrane electrode assembly, method of manufacture thereof, and fuel cell
CN102823046 A 20121212	APPLIED MATERIALS INC.	US20100322780P 20100409; WO2011US30613 20110330; US20100319248P 20100330	H01M8/18; H01M8/04	High performance flow battery
CN102823047 A 20121212	TOYOTA MOTOR CORP	WO2010JP02413 20100401	H01M8/24; C09J9/02; C09J201/00; H01M8/02; H01M8/10	Bonding material for fuel cell, and fuel cell
CN102832363 A 20121219	MA ZHIQI	CN20111449046 20111229	H01M2/16; B01D15/04; B01D71/52; B01D71/66; H01M8/20; H01M8/24	Application of anion exchange membrane in Fe-Cr system liquid fluid battery
CN102832396 A 20121219	HONDA MOTOR CO LTD [JP]	JP20110134433 20110616; JP20120115261 20120521	H01M8/02; H01M8/04	Fuel cell
CN102832397 A 20121219	BEIJING STARGEN POWER TECHNOLOGY CO.,LTD.	CN20121324738 20120904	H01M8/02; H01M8/12; H01M8/24	Battery unit of solid oxide fuel battery, battery pack, and reacting device
CN102832398 A 20121219	JIANGSU ICE CITY INSULATION MATERIALS STOCK CO LTD	CN20121326351 20120906	H01M8/02	Novel processing tool for graphite carbon plate of proton exchange membrane fuel cell
CN102832399 A 20121219	WUHAN UNIVERSITY OF TECHNOLOGY	CN20121330784 20120910	H01M8/02	Ring fuel cell bipolar plate

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CN102832401 A 20121219	GM GLOBAL TECH OPERATIONS LLC	US201113160276 20110614	H01M8/04	Control strategy to prevent unexpected hydrogen flow to the cathode due to a failed pressure sensor while catalytic heating
CN102832402 A 20121219	SUNRISE POWER CO LTD	CN20121322017 20120903	H01M8/04	Film humidifier structure for fuel cell
CN102832403 A 20121219	WUHAN UNIVERSITY OF TECHNOLOGY	CN20121330801 20120910	H01M8/04	Short-time closed-type fuel cell
CN102832404 A 20121219	HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY	CN20121288772 20120814	H01M8/10; G01B11/00	Laminating apparatus and method for membrane electrode assembly of fuel cell
CN102832405 A 20121219	TSINGHUA UNIVERSITY	CN20121320859 20120831	H01M8/10; H01M8/02	Fuel cell based on non-sulfonic group hydrophilic nanopore polymer membrane, and preparation method thereof
CN102832406 A 20121219	WU JIADIAN;WU JIAYUN	TW20110121049 20110616	H01M8/22	Solar cell
CN102832421 A 20121219	HU XIAOHUA	CN20121346395 20120911	H01M10/42; H01M8/04	Battery magnetic catalyzing method
CN102834349 A 20121219	JX NIPPON OIL & ENERGY CORP [JP]	JP20100078763 20100330; WO2011JP57013 20110323	C01B3/38; C01B3/48; H01M8/04; H01M8/06	Hydrogen production apparatus and fuel cell system
CN102834374 A 20121219	3M INNOVATIVE PROPERTIES CO [US]	US20100325062P 20100416; WO2011US29555 20110323	C07C315/04; C07C317/04; C08G75/20; C08J5/22; H01M8/10	Proton conducting materials
CN102834959 A 20121219	TOYOTA MOTOR CO LTD [JP]	JP20100089969 20100409; WO2011IB00379 20110224	H01M8/04; H01M8/10; H01M10/48; H01M10/50; H01M16/00	Fuel cell system, and control method for fuel cell system



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102834960 A 20121219	JX NIPPON OIL & ENERGY CORP [JP]	WO2011JP57367 20110325; JP20100072885 20100326	H01M8/06; C01B3/38; H01M8/04; H01M8/12	Fuel cell system, reformer system, and method for driving fuel cell system
CN102838746 A 20121226	NANJING UNIVERSITY OF SCIENCE AND TECHNOLOGY	CN20121311739 20120829	C08G75/23; C08J5/22; C08L81/06; H01M4/94; H01M8/16	Preparation method and application of sulfonated polyarylether sulfone polymer and sulfonated polyarylether sulfone cation exchange membrane
CN102838764 A 20121226	DONGLI FIBER INSTUTITE (CHINA) CO LTD	CN20111185147 20110621	C08J5/22; C08G73/10; C08K5/549; C08L79/08; H01M2/16; H01M8/02	Preparation method of silsesquioxane hybridized sulfonated polyimide proton exchange membrane
CN102838863 A 20121226	CHENGDU BOLIHENG TECHNOLOGY CO., LTD.	CN20121345050 20120918	C08L71/08; C08F212/08; C08F212/36; C08L25/08; H01M8/10	Novel polymer proton exchange membrane and preparation method thereof
CN102842726 A 20121226	DONGLI FIBER INSTUTITE (CHINA) CO LTD	CN20111185099 20110621	H01M8/02; C08G73/10; H01M2/16	Silsesquioxane hybridized sulfonated polyimide proton exchange membrane and its preparation method
CN102842728 A 20121226	HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY	CN20121307797 20120827	H01M8/04; G01B11/26	Rectification and compensation method of fuel cell membrane electrode hot-pressing head upper-surface surface mounted device (SMD)
CN102842729 A 20121226	WUHAN UNIVERSITY OF TECHNOLOGY	CN20121332838 20120911	H01M8/04	Tail gas treatment device for proton exchange membrane fuel cell
CN102842730 A 20121226	BEIJING GOLDEN ENERGY CENTURY CO LTD	CN20121374392 20120927	H01M8/18; H01M4/86	All-vanadium flow battery

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102844097 A 20121226	REDSTACK B. V.	WO2011NL50204 20110324; NL20102004510 20100406	B01D61/50; B01D63/08; B01D69/06; H01M8/22	Membrane stack for a membrane based process and method for producing a membrane therefor
CN102844370 A 20121226	NOK CORP	JP20100091707 20100412; WO2011JP55667 20110310	C08L23/08; C08K5/101; C08K5/5419; C08L83/05; C09K3/10; F16J15/10; H01M8/02	Rubber composition and use thereof
CN102844921 A 20121226	DAIHATSU MOTOR CO LTD;STC UNM	WO2011JP56874 20110323; JP20100083718 20100331	H01M4/90; H01M8/02; H01M8/10	Fuel cell
CN102844922 A 20121226	ENEOS CELLTECH CO LTD [JP]	WO2011JP01947 20110331; JP20100080558 20100331	H01M8/04; H01M8/10	Fuel cell system
CN102844923 A 20121226	SONY CORP [JP]	WO2011JP58745 20110331; JP20100088338 20100407	H01M8/04; H01M8/16	Fuel cell
CN102844924 A 20121226	DIEHL AEROSPACE GMBH [DE]	WO2011EP02397 20110514; DE20101021443 20100525; DE20101049794 20101027	H01M8/06; H01M8/04	Method for producing energy, and the use of a substance mixture for producing energy

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN102844925 A 20121226	DEEYA ENERGY INC [US]	WO2010US36765 20100528; US20090182075P 20090528	H01M8/18; H01M8/02	Electrolyte compositions
CN102844926 A 20121226	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100095236 20100416; WO2011JP58524 20110404	H01M8/18; H01M8/02	Bipolar plate for redox flow battery
CN102844963 A 20121226	TOYOTA MOTOR CO LTD [JP];MISAWA HOMES CO.	JP20100160175 20100715; WO2011JP65753 20110711	H02J13/00; H01M8/00; H01M10/44; H01M10/48; H02J3/00; H02J3/32; H02J7/00; H02J7/35	Energy management system for houses
CN202308168U U 20120704	ZHUHAI LIYUAN NEW ENERGY TECHNOLOGY CO LTD	CN20112373390U 20110930	H01M8/02	Efficient electrode frame and integrated structure of electrode frame and diaphragm
CN202308169U U 20120704	YU TANG	CN20112445207U 20111111	H01M8/02	Efficient proton battery
CN202308170U U 20120704	JS POWER INC	CN20112327338U 20110902	H01M8/04; H02M1/12; H02M1/14	Hydrogen energy power generation system based on filtration of output filter
CN202308171U U 20120704	SHANGHAI YUHAO ELECTROMECHANICAL CO LTD; SUN WEI	CN20112434877U 20111104	H01M8/04; H01M8/18; H01M8/24	Flat plate configuration type redox flow cell
CN202308172U U 20120704	UNIV SOUTH CHINA TECH	CN20112270645U 20110728	H01M8/10; H01M4/86	Methanol fuel cell monomer based on porous metal fiber board
CN202308173U U 20120704	GUANGZHOU INST ENERGY CONV CAS	CN20112379638U 20110930	H01M8/16; H01M8/02	Microbial fuel cell device based on soil organic matters
CN202308174U U 20120704	CHINA ELECTRIC POWER RES INST	CN20112304883U 20110819	H01M8/24; H01M8/18	Integration system for flow batteries

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202308175U U 20120704	CHINA HUANENG GROUP CLEANING ENERGY TECHNOLOGY RES INST CO LTD	CN20112326939U 20110901	H01M8/24; H01M8/02; H01M8/14	Molten carbonate direct carbon fuel cell stack
CN202308176U U 20120704	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN20112411820U 20111025	H01M8/24	Vanadium battery stacking device
CN202308177U U 20120704	63908 TROOPS PLA	CN20112447299U 20111114	H01M8/24; H01M4/86; H01M8/04	Opening type air-cooling PEMFC (Proton Exchange Membrane Fuel Cell) stack
CN202333046U U 20120711	UNIV ZHEJIANG GONGSHANG	CN20112330124U 20110905	H01M8/16; C02F3/28; H01M8/06	Microbial fuel cell for denitrifying and desulphurating
CN202333047U U 20120711	SUNRISE POWER CO LTD	CN20112431949U 20111103	H01M8/24; H01M8/04	Assembly device of fuel cell electric piles
CN202333048U U 20120711	SUNRISE POWER CO LTD	CN20112474700U 20111124	H01M8/24	Proton exchange membrane fuel cell stack model with spring
CN202339955U U 20120718	GUANGZHOU INST ENERGY CONV CAS	CN20112509824U 20111208	H01M8/04; H01M4/86; H01M8/16	Novel plant-microorganism fuel battery device
CN202352772U U 20120725	DONGFANG ELECTRIC CORP [CN]	CN20112515012U 20111209	H01M8/04; H01M8/24	Flow battery system
CN202362628U U 20120801	NANJING HEHAO COMM TECHNOLOGY CO LTD	CN20112469522U 20111123	G05B19/048; H01M8/04	Fuel cell safety monitoring system
CN202363536U U 20120801	SHENZHEN H2 POWER TECHNOLOGIES CO LTD	CN20112221036U 20110627	H01M8/02; H01M2/16; H01M2/18	proton exchange membrane for 200-400 DEG C fuel cell
CN202363537U U 20120801	UNIV NANJING; KUNSHAN INNOVATION RES INST OF NANJING UNIVERSITY; KUNSHAN SUNLAITE NEW ENERGY CO LTD	CN20112508794U 20111208	H01M8/02; H01M8/04	Air flow field plate for proton exchange membrane fuel cell
CN202363538U U 20120801	ANHUI SHUORI PHOTOELECTRIC TECHNOLOGY CO LTD	CN20112153327U 20110513	H01M8/04	Intelligent electrolyte monitoring system for all vanadium ion flow batteries

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202363539U U 20120801	JS POWER INC	CN20112322312U 20110831	H01M8/04; H02J7/00	Vacuum contactor control-based hydrogen power generation device
CN202363540U U 20120801	UNIV NANJING; NANJING UNIVERSITY KUNSHAN INNOVATION INST; KUNSHAN SUNLAITE NEW ENERGY CO LTD	CN20112508753U 20111208	H01M8/04; H01M4/86; H01M8/22	Portable hydrogen fuel cell power supply
CN202363541U U 20120801	NINGBO INST MAT TECH & ENG CAS [CN]	CN20112441308U 20111109	H01M8/06	Coupled reforming reactor used for SOFC (Solid Oxide Fuel Cell) system and power generation system
CN202363542U U 20120801	DEMING WANG; XIULING SUN; BO WANG	CN20112518828U 20111213	H01M8/24	Solid electrode power generation device by self-consuming fuel
CN202373658U U 20120808	NANTONG TIANHUA HERUI TECHNOLOGY VENTURES CO LTD	CN20112407166U 20111024	H01M8/02; H01M4/86; H01M4/94	Pole plate for fuel cell
CN202384431U U 20120815	QUANBO HUANG	CN20112574193U 20111230	H01M4/86; H01M4/96; H01M8/02	Integrated combined electrode double-pole plate
CN202384432U U 20120815	SHANGHAI XINYUAN POWER CO LTD	CN20112535181U 20111219	H01M8/04; H01M8/10	Fuel battery engine system water separator
CN202400905U U 20120829	UNIV SOUTHEAST	CN20112568563U 20111231	C02F3/32; H01M8/16	Device for purifying lake water by using microbial fuel cell and combined ecological floating bed
CN202405371U U 20120829	UNIV JILIN	CN2012207608U 20120110	H01M8/02; H01M8/04	Microfluidics flow battery pile with double S-shaped micro-fluid channels structure
CN202405372U U 20120829	JI CUI; NIE LUO	CN2012200373U 20120104	H01M8/24; H01M8/18	Pressing mechanism for assembling redox flow battery
CN202423411U U 20120905	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN20112471008U 20111122	H01M2/08; H01M2/16; H01M8/24	Vanadium redox flow battery sealing ring and ionic membrane integrated assembly and electric pile
CN202423473U U 20120905	BO YIN; ZHENYA LI	CN20112282586U 20110805	H01M8/04	Rubber pipe peristaltic-pump-type electrolyte circulating system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202423474U U 20120905	UNIV WUHAN TECH	CN20112527129U 20111215	H01M8/04; H04L29/08	Fuel cells remote monitoring system based on Ethernet
CN202423475U U 20120905	DONGFANG ELECTRIC CORP [CN]	CN20112570678U 20111231	H01M8/04; H01M8/02	Heat exchange system
CN202423476U U 20120905	DONGFANG ELECTRIC CORP [CN]	CN20112570695U 20111231	H01M8/04; H01M8/02	Heat-exchange system
CN202423477U U 20120905	PUYANG UNIVERSE BIOLOG ENERGY CO LTD	CN20112288382U 20110810	H01M8/16; F24F5/00; F25B29/00; H01M8/06; H01M8/24	Low-carbon all-in-one machine
CN202429048U U 20120912	CHINA FAW GROUP CORP; FAW CAR LTD COMPANY	CN20112278140U 20110802	B60K1/00; B60K11/00; H01M8/04	Novel layout plan for air compressor and air filter of Besturn fuel cell vehicle
CN202433417U U 20120912	KUNSHAN FUERSAI ENERGY CO LTD	CN2012205248U 20120109	G01R1/04; H01M8/02	Individual voltage inspection connector for fuel cell electric pile
CN202433768U U 20120912	HAOCHUAN CHENG; MINFANG HAN; CONG CHEN	CN2012253310U 20120217	G05B19/418; H01M8/10	Clean energy system for log cabin
CN202434639U U 20120912	BEIJING SIAT & JEGO OPTOELECTRONICS TECHNOLOGY CO LTD	CN2012249708U 20120216	H01M8/02; H01M8/18	Flow battery for off-grid wind and light complementary power supply system
CN202434640U U 20120912	UNIV SOUTHEAST	CN20112524849U 20111215	H01M8/04; H02J7/00; H02J15/00	Power source used for self power supply at outdoors
CN202434641U U 20120912	KUNSHAN FUERSAI ENERGY CO LTD	CN2012201180U 20120104	H01M8/04; H01M8/02	Hydrogen supply system of fuel cell for standby power supply
CN202434642U U 20120912	KUNSHAN FUERSAI ENERGY CO LTD	CN2012201990U 20120105	H01M8/04	Gas humidification system for fuel cell testing platform
CN202434643U U 20120912	KUNSHAN FUERSAI ENERGY CO LTD	CN2012202006U 20120105	H01M8/04; F16L37/30; H01M8/24	Stack structure with fast hot plugging function

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202434644U U 20120912	KUNSHAN FUERSAI ENERGY CO LTD	CN2012200981U 20120104	H01M8/24; G01R31/36; H01M8/04	Integral fuel cell test platform for assembling, activating and checking electric pile
CN202437493U U 20120919	WUXI ANYDA NEW ENERGY TECHNOLOGY CO LTD	CN20112472765U 20111124	A61G5/04; H01M8/06	Hydrogen-fuel cell electric scooter
CN202444018U U 20120919	ZBEST POWER CO LTD	CN2012280972U 20120306	H01M8/04; H01M8/18	Liquid flow battery system with residual energy recycling device
CN202444019U U 20120919	ZBEST POWER CO LTD	CN2012281049U 20120306	H01M8/04; H01M8/18	Flow battery system and battery storing tank
CN202444020U U 20120919	CHINESE PEOPLE S LIBERATION ARMY OF 63908 TROOP	CN2012229825U 20120130	H01M8/24; H01M8/04; H01M8/10	Portable PEMFC (Proton Exchange Membrane Fuel Cell) power supply system
CN202444021U U 20120919	DONGFANG ELECTRIC CORP [CN]	CN2012278891U 20120305	H01M8/24; H01M8/04; H01M8/18	Fluid-flow cell stack with monitoring system
CN202454666U U 20120926	DONGFANG ELECTRIC CORP [CN]	CN20112573792U 20111231	H01M8/02; H01M8/18	Collector plate and liquid flow battery stack comprising the same
CN202454667U U 20120926	NANJING HEHAO COMM TECHNOLOGY CO LTD	CN20112482785U 20111129	H01M8/04	Fuel cell seamless starting system
CN202454668U U 20120926	SHANGHAI HENGJIN POWER TECHNOLOGY CO LTD	CN2012253371U 20120220	H01M8/04	Multifunctional water storage devcie and fuel battery cooling system with same
CN202454669U U 20120926	SHANGHAI HENGJIN POWER TECHNOLOGY CO LTD	CN2012253374U 20120220	H01M8/04; H01M8/24	Fixing device for galvanic piles of fuel cell
CN202454670U U 20120926	SICHUAN DAZHOU IRON & STEEL GROUP CO LTD	CN2012256800U 20120221	H01M8/04; H01M2/00; H01M8/18	Novel vanadium battery electrolyte solution storage tank
CN202474081U U 20121003	FENGLIANG GUO	CN20122102782U 20120319	H01M2/26; H01M8/24	Tubular solid oxide fuel battery pack with high space utilization ratio
CN202474103U U 20121003	JIANGSU HUAYUAN HYDROGENIC ENERGY TECHNOLOGY DEV CO LTD	CN2012240056U 20120203	H01M8/02	Fuel cell gas deflector structure

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202474104U U 20121003	SUNRISE POWER CO LTD	CN2012267433U 20120227	H01M8/02; H01M4/86	Hydrophobic fuel battery expansion graphite flow field
CN202474105U U 20121003	FENGLIANG GUO	CN20122103542U 20120320	H01M8/02; H01M8/12; H01M8/24	Plate type solid oxide fuel cell stack with high space utilization rate
CN202474106U U 20121003	DONGFANG ELECTRIC CORP [CN]	CN20122106398U 20120320	H01M8/02; H01M8/18; H01M8/24	Collector plate, flow battery comprising collector plate and flow battery stack comprising flow battery
CN202474107U U 20121003	DONGFANG ELECTRIC CORP [CN]	CN2012295772U 20120314	H01M8/04; H01M8/02	Redox flow cell stack and cell system comprising same
CN202474108U U 20121003	DONGFANG ELECTRIC CORP [CN]	CN20122111519U 20120322	H01M8/04; B60K1/04	Fuel cell heat managing system, fuel cell system and vehicle using the same
CN202474109U U 20121003	DONGFANG ELECTRIC CORP [CN]	CN20122111627U 20120322	H01M8/04; H01M8/02	Fuel cell system
CN202484592U U 20121010	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO LTD	CN2012242236U 20120209	F17D1/02; F17D3/01; H01M8/02; H01M8/04	Hydrogen-supplying system for fuel cell
CN202487706U U 20121010	WUHAN NARI LTD LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RES INST	CN2012204254U 20120106	H01M8/04	Pipeline system for full vanadium flow battery
CN202487707U U 20121010	UNIV JILIANG CHINA	CN20122143093U 20120329	H01M8/06	Safe and controllable portable power supply
CN202487708U U 20121010	DONGFANG ELECTRIC CORP [CN]	CN2012295688U 20120314	H01M8/18; H01M4/86; H01M8/24	Flow battery and flow battery pile including the same and flow battery system
CN202495531U U 20121017	BEIJING INST OF SPACE LAUNCH TECHNOLOGY; CN ACADEMY LAUNCH VEHICLE TECH	CN20112392184U 20111014	H01M8/04	Normal pressure electric pile gas mixture self-humidifying device



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202495532U U 20121017	SHANGHAI MUNICIPAL ELEC POWER; SHANGHAI LINYANG ENERGY STORAGE SCIENCE AND TECHNOLOGY CO LTD; SHANGHAI GREEN ENVIRONMENTAL PROT ENERGY CO LTD	CN20112535590U 20111220	H01M8/04; H01M8/02	Integrated flow battery system
CN202495533U U 20121017	UNIV NANJING	CN20122122758U 20120329	H01M8/16; H01M8/02; H01M8/04	Microbial fuel cell container
CN202503069U U 20121024	SAIC MOTOR CORP LTD	CN20112542711U 20111222	H01M8/04	Full-automatic gas replacement system
CN202503070U U 20121024	NANJING HUIYU ENERGY TECHNOLOGY CO LTD	CN2012239627U 20120204	H01M8/04	Small electric pile control system for hydrogen fuel cells
CN202510702U U 20121031	JIANGSU JIAHE THERMAL SYSTEM RADIATOR CO LTD	CN2012212482U 20120112	F16J12/00; H01M8/04; H01M8/06	Reformer module drawing cylinder body for fuel cell communication base station
CN202513235U U 20121031	DONGFANG ELECTRIC CORP [CN]	CN20122143735U 20120406	H01M4/86; H01M8/02; H01M8/18	Collector plate and bipolar collector plate, monocell and flow battery all including the same
CN202513236U U 20121031	UNIV SOUTH CHINA TECH	CN20112287461U 20110809	H01M8/04; G01R31/36	Tester for U-shaped hollow fiber solid oxide fuel cell
CN202513237U U 20121031	DONGFANG ELECTRIC CORP [CN]	CN20122186554U 20120427	H01M8/04; H01M8/24	Cooling system and fuel cell stack
CN202523794U U 20121107	BEIJING BAINENG HUITONG TECHNOLOGY CO LTD	CN20122107724U 20120321	H01M8/02; H01M12/08	Enhanced bipolar plate and enhanced zinc bromine battery
CN202523795U U 20121107	DONGFANG ELECTRIC CORP [CN]	CN20122187139U 20120427	H01M8/02; H01M8/04; H01M8/24	Bipolar plate, cooling plate and fuel cell stack
CN202523796U U 20121107	SHANGHAI PEARL HYDROGEN POWER SOURCE TECHNOLOGY CO LTD	CN2012242041U 20120209	H01M8/04	Safe and reliable hydrogen supply system for fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202523797U U 20121107	KUNSHAN FUERSAI ENERGY CO LTD	CN2012252220U 20120217	H01M8/04; H04L29/08	System for remotely monitoring operation state of new energy fuel cell
CN202523798U U 20121107	KUNSHAN FUERSAI ENERGY CO LTD	CN2012252229U 20120217	H01M8/04; G05B19/04	Application structure of CAN (Controller Area Network) bus-based human-computer interface to fuel cell system
CN202523799U U 20121107	BEIJING BAINENG HUITONG TECHNOLOGY CO LTD	CN20122126976U 20120329	H01M8/04; H01M8/02; H01M8/18; H01M8/24	Redox flow battery border with flow guiding structure and electric pile
CN202523800U U 20121107	SHENZHEN JINFAN ENERGY TECHNOLOGY CO LTD	CN20122140558U 20120405	H01M8/04	Control system for vanadium redox battery in all working conditions
CN202523801U U 20121107	SHANGHAI YUHAO ELECTROMECHANICAL CO LTD; SUN WEI	CN2012279644U 20120305	H01M8/18; H01M8/02	Oxidation reduction flow battery
CN202523802U U 20121107	KUNSHAN FUERSAI ENERGY CO LTD	CN2012205574U 20120109	H01M8/24	Encapsulation structure of fuel cell electric pile
CN202534735U U 20121114	CN ELECT TECH NO 18 RES INST	CN20112552154U 20111226	H01M4/86; H01M8/02	Five-in-one alkaline fuel cell electrode
CN202534737U U 20121114	SUNRISE POWER CO LTD	CN20112510058U 20111208	H01M8/04; G01F1/38	Calibration device of distributing pipeline of multi-galvanic-pile fuel battery system
CN202549988U U 20121121	SHANGHAI SHENLI HIGH TECH CO	CN2012270294U 20120228	H01M8/02; H01M8/04; H01M8/24	Fuel cell guide pole plate facilitating to reduce air resistance
CN202549989U U 20121121	HEFEI CHUANGYUAN VEHICLE CONTROL TECHNOLOGY CO LTD	CN2012250412U 20120217	H01M8/04	Device for quickly replacing electrode plates
CN202549990U U 20121121	SHANGHAI XINYUAN POWER CO LTD	CN20112492400U 20111201	H01M8/06	Device for lowering tail hydrogen concentration of fuel-cell power generation system
CN202550030U U 20121121	HEFEI CHUANGYUAN VEHICLE CONTROL TECHNOLOGY CO LTD	CN2012250413U 20120217	H01M12/06; H01M4/86; H01M8/02	Monomer electrode for air aluminium cell

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CN202564481U U 20121128	WUHAN TROOWIN POWER SYSTEM TECHNOLOGY CO LTD	CN2012239251U 20120208	H01M8/02; H01M8/10	Proton exchange membrane fuel cell based on phase-change heat exchange and bipolar plate of fuel cell
CN202585631U U 20121205	GUO FENGLIANG	CN2012286639U 20120309	H01M4/86; H01M8/12	Solid oxide fuel battery difficult to deposit carbon
CN202585634U U 20121205	ASAHI KASEI E MATERIALS CORP [JP]	CN20112456678U 20111117	H01M8/02; B32B27/08	Polyelectrolyte laminated membrane
CN202585635U U 20121205	SUNRISE POWER CO LTD	CN20122186823U 20120427	H01M8/04	Ventilating device of sealed-type fuel battery system
CN202585636U U 20121205	GUO FENGLIANG	CN20122122128U 20120328	H01M8/10; H01M8/02	Solid oxide fuel battery with good heat-insulation and corrosion-resistant performances
CN202601781U U 20121212	INSTITUTE OF ELECTRONIC ENGINEERING, CHINA ACADEMY OF ENGINEERING PHYSICS	CN20122177276U 20120425	H01M8/02	Integrated bipolar plate for flow battery
CN202601782U U 20121212	SHANDONG HANGKE NEW ENERGY TECHNOLOGY CO LTD	CN20122264432U 20120607	H01M8/04	Air electrode performance recovery device for air battery
CN202601812U U 20121212	ZHEJIANG XINGYUAN POWER TECHNOLOGY CO LTD	CN20122292541U 20120621	H01M12/06; H01M8/02	Metal air fuel single battery
CN202601813U U 20121212	BOHAI UNIVERSITY	CN20122281553U 20120615	H01M16/00; H01M8/02; H01M8/22; H01M12/06	Lithium-air fuel hybrid battery
CN202616346U U 20121219	BEIJING BAINENG HUITONG TECHNOLOGY CO LTD	CN20122159379U 20120413	H01M8/02; H01M8/20	Termination electrode device for flow batteries
CN202616347U U 20121219	WUHAN TECHNIQUE NEW SOURCES OF ENERGY CO LTD	CN2012223999U 20120117	H01M8/10	Fixing device for porous material in fuel cell manufacture process
CN202633437U U 20121226	FORD GLOBAL TECH LLC [US]	US201113027532 20110215	H01M8/02	Bipolar plate and electro-chemical battery using the same
CN202633438U U 20121226	YANG SHAOHUA	CN20122214315U 20120514	H01M8/02; H01M4/86; H01M8/10	Anode support solid oxide fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
CN202633439U U 20121226	KUNSHAN FUERSAI ENERGY CO LTD	CN2012252232U 20120217	H01M8/04	Unattended fuel cell test system
CN202633440U U 20121226	DONGFANG ELECTRIC CORP [CN]	CN20122313796U 20120629	H01M8/20; H01M8/04; H01M8/18; H01M8/24	Flow cell and flow cell stack including flow cell and flow cell system including flow cell
CZ20110047 A3 20120808	SLEZSKA MECHATRONIKA A S [CZ]; HALADOVA PETRA [CZ]	CZ20110000047 20110128	H01M8/06; B82B1/00; C25B1/02; F02B43/10	Electrolytic cell provided with nanoelectrodes with cathode surface covered with a layer of nanoparticles especially graphen sheets
CZ20110048 A3 20120808	SLEZSKA MECHATRONIKA A S [CZ]; HALADOVA PETRA [CZ]	CZ20110000048 20110128	C01B3/38; F01K15/00; H01M8/04	Co-generation unit energy system with generator of ionized gaseous mixture of hydrogen and oxygen for controlled feeding of fuels and hydrogen-oxygen mixture into combustion space of the co-generation unit engine
CZ20110049 A3 20120808	SLEZSKA MECHATRONIKA A S [CZ]; HALADOVA PETRA [CZ]	CZ20110000049 20110128	H01M8/06; B82B1/00; C25B1/02; F02B43/10	Electrolytic cell provided with nanoelectrodes covered with a layer of nanoparticles, especially graphen sheets
CZ24214U U1 20120829	GASCONTROL [CZ]; SLEZSKA MECHATRONIKA A S [CZ]	CZ20120026356U 20120704	F24J1/00; B01J8/00; G21B3/00; H01M8/00; H01M8/18	Unit of low-energy nuclear sources based on exothermic reaction of metal with hydrogen
CZ24315U U1 20120926	VYSOKA SKOLA CHEMICKO TECHNOLOGICKA V PRAZE [CZ]	CZ20120025798U 20120321	H01M8/22; C03B8/02	Proton conducting inorganic-organic phosphorus-silicone membrane intended for medium thermal H <sub>2</sub> /O <sub>2</sub> fuel cells
CZ24317U U1 20120926	PLISKOVA EVA [CZ]; PLISKA JAN [CZ]	CZ20120025910U 20120406	H01M8/10; H01M4/90; H01M8/22	H <sub>2</sub> /O <sub>2</sub> fuel cell with Ni, Al <sub>2</sub> O <sub>3</sub> C and Ag-based catalyst

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DE09843753T T1 20120906	UTC POWER CORP [US]	US20090214130P 20090420; EP20090843753 20090618	H01M8/02; H01M8/04; H01M8/24	Herstellung einer Brennstoffzelle, die gegen Fl <sup>+</sup> sigelektrolyt-Wanderung gesch <sup>?</sup> zt ist
DE102011002841 A1 20120719	FRAUNHOFER GES FORSCHUNG [DE]; UNIV CLAUSTHAL TECH [DE]	DE20111002841 20110118	H01M10/48; H01M6/50; H01M8/04; H01M10/44; H01M10/50	Elektrochemischer Energiespeicher und Verfahren zur Bestimmung dessen Temperatur
DE102011002975 A1 20120726	SIEMENS AG [DE]	DE20111002975 20110121	H01M8/00; C25B1/04; H01M8/06	Schwimmende oder tauchende Einrichtung mit einem Elektrolyseur
DE102011003746 A1 20120809	FRAUNHOFER GES FORSCHUNG [DE]	DE20111003746 20110208	H01M2/16; H01M8/10; H01M10/052	Ionenleitender Festk <sup>?</sup> perseparator
DE102011004234 A1 20120816	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE20111004234 20110216	C01G25/02; C09D1/00; H01M8/12	Coating powder for preparing an electrolyte layer for an electrochemical device, comprises particles, which comprise a core made from a first material and an envelope made of a second material
DE102011004235 A1 20120816	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE20111004235 20110216	H01M8/12	Method for manufacturing carrier substrate for electrochemical device, involves forming protective film and/or protective film forming layer for defining inner surface of carrier material to obtain internally coated carrier material
DE102011005938 A1 20120927	MAHLE INT GMBH [DE]	DE20111005938 20110323	H01M8/04	Fuel cell system mounted in vehicle, has anode side whose anode-side flow path is arranged in the particle separator along upstream direction for depositing anode gas flow particles

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011005966 A1 20120927	BOSCH GMBH ROBERT [DE]	DE20111005966 20110323	G01N27/403; H01M8/04	Method for operating electrochemical energy converter, particularly of sensor element for detection of characteristic of gas in measuring gas chamber, involves providing electrochemical energy converter with two electrodes and electrolytes
DE102011007612 A1 20121018	BOSCH GMBH ROBERT [DE]	DE20111007612 20110418	H01M8/04	Method for operating fuel cell of fuel cell system used in motor vehicle, involves determining fuel concentration of anode gas on basis of determined power or size of fuel cell
DE102011007615 A1 20121018	BOSCH GMBH ROBERT [DE]	DE20111007615 20110418	H01M8/04	Fuel cell system has exhaust air duct provided with gas flow regulating element that is connected to control unit
DE102011008354 A1 20120712	VOLKSWAGEN AG [DE]	DE20111008354 20110112	H01M8/04; B60L11/18; H01M8/10	Method of operating fuel cell, involves initially operating fuel cell for predetermined duration so as to provide predetermined amount of output power higher than requested cell power
DE102011009958 A1 20120802	VOLKSWAGEN AG [DE]	DE20111009958 20110201	H01M8/04	Fuel cell system has catalytic conversion device that is integrated in hydrogen feed line to perform catalytic conversion of oxygen in presence of hydrogen
DE102011010606 A1 20121129	GM GLOBAL TECH OPERATIONS INC [US]	US20100707387 20100217	H01M8/04	Optimalwert-Kraftstoffsteueralgorithmus zur Verringerung der Inbetriebnahmezeit eines Brennstoffzellenfahrzeugs
DE102011010607 A1 20120719	GM GLOBAL TECH OPERATIONS INC [US]	US20100707572 20100217	H01M8/04; H01M8/02	PLATTENVERBINDUNGSVERFAHREN FÜR EINE EINGEBETTETE BRENNSTOFFZELLENSENSOR
DE102011010941 A1 20120816	MANZ AUTOMATION AG [DE]	DE20111010941 20110211	H01M4/04; H01M8/02	Verfahren und Vorrichtung zur Herstellung eines Bauteils aus einer Folie oder Platte

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011011107 A1 20120816	SCHOTT AG [DE]	DE20111011107 20110212	C03C3/089; C03C3/078; C03C8/24; C03C10/00; C03C29/00; H01M8/02; H01M8/12; H01M8/24	Barrier layer useful as sealing member in fuel cell, comprises metal comprising barium oxide and strontium oxide-free semi-crystalline sealing glass, which contains silicon dioxide, boron oxide, aluminum oxide and/or magnesium oxide
DE102011013786 A1 20120913	STUTE MANFRED [DE]	DE20111013786 20110312	H01M8/02	Manufacturing method of metallic film for fuel cell of fuel cell system, involves performing deformation of metal sheet continuously by generating hydraulic pressure
DE102011014729 A1 20120927	RWE POWER AG [DE]	DE20111014729 20110322	F02C6/16; F01K23/06; F02C1/02; F02C3/22; F02C3/30; F02C6/18; H01M8/06	Verfahren zur Ein- und Aufspeicherung von Energie sowie Gasturbinenkraftwerk
DE102011014824 A1 20120927	FRAUNHOFER GES FORSCHUNG [DE]	DE20111014824 20110323	H01M8/06	Multi-fuel pyrolysis system for generating electrical power for e.g. mobile device, has pyrolysis reactor which pyrolyzes liquid, gaseous hydrocarbon mixtures or gas mixtures, and diesel fuel by anaerobic catalytic reaction
DE102011015827 A1 20121004	LIEBHERR AEROSPACE GMBH [DE]	DE20111015827 20110401	H01M8/06; B64D41/00	Pressurized air conditioning system i.e. conditioned service air system, for use in aircraft to produce oxygen-depleted exhaust air, has air supply sources formed by air conditioners or air conditioning systems

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011016024 A1 20121004	DAIMLER AG [DE]	DE20111016024 20110404	H01M8/24; H01M8/02	Stack i.e. fuel cell stack, for conditioning hydrogen cells in electric drive of e.g. passenger car, has form-closure element fastened at stack independent another form-closure element to hold stack-bodies together in stack
DE102011016483 A1 20121011	MTU ONSITE ENERGY GMBH [DE]	DE20111016483 20110408	H01M8/02; H01M8/14	Method for manufacturing cathode current collector utilized for installation on molten carbonate fuel cell, involves forming corrosion layer as before-corrosive cathode current collector on blank for final completion of collector
DE102011017264 A1 20121018	BAYER MATERIALSCIENCE AG [DE]; THYSSENKRUPP UHDE GMBH [DE]	DE20111017264 20110415	C25B9/08; C25B11/00; H01M4/86; H01M8/00	Alternativer Einbau einer Gas-Diffusions-Elektrode in eine elektrochemische Zelle
DE102011017444 A1 20121018	FREUDENBERG CARL KG [DE]	DE20111017444 20110418	H01M8/04	Wechselfiltermodul f? ein Geh?se
DE102011017510 A1 20121031	BOSCH GMBH ROBERT [DE]	DE20111017510 20110426	H01M8/04	Fuel cell operating method for fuel cell system for motor car, involves outputting warning in event that crack is present, where strength of crack exceeds predetermined threshold and/or service associated with crack is stopped for period
DE102011018448 A1 20121025	AIRBUS OPERATIONS GMBH [DE]; EADS DEUTSCHLAND GMBH [DE]	DE20111018448 20110421	H01M8/06	Drive unit for vehicle e.g. airplane, has combustion chamber inlet that is connected to fluid outlet of fuel cell arranged in upstream of combustion chamber



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011051309 A1 20121227	EISENHUTH GMBH & CO KG [DE]	DE20111051309 20110624	H01M8/02	Membrane electrode assembly for fuel cell, has gas diffusion layers that are connected with proton exchange membrane, and are integrally and peripherally molded with profiled sealing ring
DE102011051632 B3 20120830	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE20111051632 20110707	F28D21/00; F28D17/00; H01M8/04	Method for transferring heat from e.g. liquid to discharge medium, in industrial plant, involves transferring heat from heat transfer medium to discharge medium by direct contact between transfer and discharge mediums
DE102011055829 A1 20120726	GM GLOBAL TECH OPERATIONS INC [US]	US201113010163 20110120	B60L1/00; B60L11/18; B60R16/03; H01M8/04; H02J1/00	Kosteng <sup>3</sup> nstige elektrische Nebenantriebsfunktionalitöt f <sup>3</sup> r Brennstoffzellenhybridfahrzeuge
DE102011076590 A1 20121129	WACKER CHEMIE AG [DE]	DE20111076590 20110527	C08L79/06; H01M8/02	Polymerfilme auf der Basis von Polyazolen
DE102011076683 A1 20120823	NAN YA PRINTED CIRCUIT BOARD [TW]	TW20110105950 20110223	H01M8/04	Fuel cell system for electricity generation, has flow channel integration mechanism through which exhaust gas and vapor that enters gas-liquid separation tank is released to external environment by condensation and evaporation device
DE102011076737 A1 20121206	BOSCH GMBH ROBERT [DE]	DE20111076737 20110530	H01M8/00; B60K6/32; B60L11/18	Apparatus for providing electrical energy to electric drive unit of electric hybrid vehicle e.g. passenger car, has electrical energy storage device that is coupled with fuel cell assembly by heat transfer assembly

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DE102011077061 A1 20121213	SIEMENS AG [DE]	DE20111077061 20110607	C25B1/12; H01M8/00	Power conversion unit useful for electrochemical energy conversion, comprises base plate, cover plate, a plate stack, which is arranged between the base plate and the cover plate, and a pressure cushion
DE102011078115 A1 20121227	SIEMENS AG [DE]	DE20111078115 20110627	H01M8/12	Hochtemperatur-Energiespeichervorrichtung und Verfahren zum thermischen Isolieren einer Hochtemperaturkammer mit einem Hochtemperatur-Energiespeicher
DE102011085222 A1 20121213	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110057079 20110613	H01M8/04; B60K1/04	GROSSFLÄCHIGE DEMINERALISIERUNGSEINRICHTUNG FÜR EINE BRENNSTOFFZELLE
DE102011088613 B3 20121206	HAMBURG INNOVATION GMBH [DE]; HELMUT SCHMIDT UNI [DE]	DE20111088613 20111214	H01M8/02; C25B9/00; H01M16/00	Brennstoffzellenmembraneinheit, steuerbare Brennstoffzelle und Hochdruckelektrolysezelle
DE102011100399 A1 20121108	BRAEUTIGAM ANDRE [DE]; ROGGMANN SVEN [DE]	DE201110100399 20110504	H02J4/00; H01M8/04; H02J1/00; H02J3/28	Reversible method for low-loss, time-spatial independent generation, transmission, distribution, storage and releasing of electrical energy for e.g. transport application, involves producing direct current voltage from liquefied gas
DE102011100621 A1 20121108	MTU ONSITE ENERGY GMBH [DE]	DE201110100621 20110505	H01M8/06	Fuel cell assembly has reforming unit comprising anode inlet-side fuel inlet provided for supplying fuel from hollow frame of anode inlet gas cap to fluid outlets
DE102011100711 A1 20121108	DAIMLER AG [DE]	DE201110100711 20110506	H01M8/04	Kohlenstoffkreislauf für ein Brennstoffzellensystem und Verfahren zum Betreiben eines Kohlenstoffkreislaufs

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011100768 A1 20121206	BAYER MATERIALSCIENCE AG [DE]; THYSSENKRUPP UHDE GMBH [DE]	DE201110100768 20110506	C25B9/02; C25B9/08; C25B11/03; H01M4/70; H01M4/86; H01M8/02; H01M10/34	Elektrochemische Zelle mit Rahmendichtung zur alternativen Abdichtung gegenRandlöufigkeiten des Elektrolyten
DE102011100839 A1 20121108	VOLKSWAGEN AG [DE]	DE201110100839 20110507	H01M8/04	Fuel cell assembly of fuel cell electric vehicle, has oxygen enriching apparatus arranged for increasing oxygen content in oxygen-containing gas mixture which is supplied to cathode chamber from cathode gas supply
DE102011101608 A1 20121115	MTU ONSITE ENERGY GMBH [DE]	DE201110101608 20110513	H01M8/02; H01M8/04	Fuel cell arrangement, has gas distributor including contact profile for abutment against longitudinal seal unit along length and to be supported on supporting structure that is formed homogeneous and is elastically deformable
DE102011102177 A1 20121122	AIRBUS OPERATIONS GMBH [DE]	DE201110102177 20110520	H01M8/04; B64D11/00	Anordnung zum Erzeugen und Aufbereiten von Wasser, Verfahren zum Erzeugen und Aufbereiten von Wasser sowie Luftfahrzeug mit einer solchen Anordnung
DE102011102224 A1 20121129	FRAUNHOFER GES FORSCHUNG [DE]; SUEDZUCKER AG [DE]	DE201110102224 20110523	B01D1/00; H01M8/04	Vorrichtung zur Verdampfung fl <sup>3</sup> ssiger Kohlenwasserstoffverbindungen oder von Fl <sup>3</sup> ssigkeiten in denen Kohlenwasserstoffverbindungen enthalten sind sowie deren Verwendung
DE102011105054 A1 20121227	VOLKSWAGEN AG [DE]	DE201110105054 20110621	H01M8/04	Fuel cell operating method for driving motor car, involves carrying out measure for amplification of convection and/or of turbulence

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102011105071 A1 20121227	DAIMLER AG [DE]	DE201110105071 20110621	H01M8/02	Holding device for membrane e.g. ion exchange membrane of membrane-electrode assembly for fuel cell, has sealing elements that are arranged at edge side of frame structure on which membrane is arranged
DE102011105072 B3 20121115	DAIMLER AG [DE]	DE201110105072 20110621	H01M8/02	Retention device for fuel cell for converting chemical energy into electrical power, has membrane arranged between frame elements in form-fit manner, and sealing element arranged on outer portion of one frame element with larger frame width
DE102011105174 A1 20121227	DAIMLER AG [DE]	DE201110105174 20110621	H01M8/10	Membrane electrode composite layer for fuel cell, has connection region formed among layer and lower and upper frame portions, and filled with supplementary adhesive before partially bonding layer in frame portions
DE102011105180 A1 20121227	DAIMLER AG [DE]	DE201110105180 20110621	H01M8/02	Method for connecting two polymer components of membrane-electrode assembly used in fuel cell, involves applying adhesive at predetermined portions of surface of polymer components to stick polymer components together
DE102011106654 A1 20121025	AIRBUS OPERATIONS GMBH [DE]; EADS DEUTSCHLAND GMBH [DE]	US201161477703P 20110421	H01M8/12; C04B35/50; C04B35/64; H01M8/02	Verfahren zum Herstellen eines Festoxid-Brennstoffzellen-Elements durch schichtweisen Aufbau und ein Festoxid-Brennstoffzellen-Element
DE102011107185 B3 20120816	FRAUNHOFER GES FORSCHUNG [DE]	DE201110107185 20110713	H01M8/02	Luftatmende Brennstoffzelle und Zellstapel für die Oxidation von Ionen mit Sauerstoff
DE102011109844 B3 20121115	BOSCH GMBH ROBERT [DE]	DE201110109844 20110809	H01M8/02	Brennstoffzelle und Brennstoffzellenanordnung
DE102011117095 A1 20120927	GM GLOBAL TECH OPERATIONS INC [US]	US20100938847 20101103	H01M8/02	VERSTÄRKTER UMFANG EINER BRENNSTOFFZELLEN-METALLPLATTE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102012000051 A1 20120712	GM GLOBAL TECH OPERATIONS INC [US]	US20110987377 20110110	G01L19/06; H01M8/02	Drucksensor zur Verwendung in Brennstoffzellensystemen
DE102012000265 A1 20120726	DAIMLER AG [DE]	DE20121000265 20120110	H01M8/24	Fuel cell stack for vehicle, has stack end element comprising metal portion and reinforcing portion, which is formed as one- piece metal plastic hybrid component by plastic injection molding process
DE102012000460 A1 20120712	DAIMLER AG [DE]	DE20121000460 20120113	H01M8/04	Drive system for motor car, has water separator that partially separates exhaust gas water from exhaust gas of fuel cell, where exhaust gas water together with fuel cell exhaust gas is heated by exhaust heat of combustion engine system
DE102012002053 A1 20120809	GM GLOBAL TECH OPERATIONS INC [US]	US201113022032 20110207	H01M8/04; H01M8/02	Brennstoffzellenplatten-Messmerkmale
DE102012002530 A1 20120816	GM GLOBAL TECH OPERATIONS INC [US]	US201113027911 20110215	H01M4/88; H01M8/02	Auf Graphitpartikeln getragener Pt-Mantel/Ni- Kern-ktionsreaktion
DE102012002531 A1 20120816	GM GLOBAL TECH OPERATIONS INC [US]	US201113027908 20110215	H01M4/88; H01M8/02	Auf Graphitpartikeln getragener Pt- und Pt- Legierungs-Elektrokatalys ator mit kontrollierter Exposition definierter Kristallflöchen zur Sauerstoffreduktionsreaktion (ORR)
DE102012006131 A1 20120927	DAIMLER AG [DE]	DE20121006131 20120327	H01M4/86; H01M8/02	Method for determining electrochemically active surface of catalytic material of electrode of fuel cell, involves determining ratio of amount of charge to theoretical maximum amount of charge per unit area of active surface

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DE102012007178 A1 20121018	BASF SE [DE]	EP20110162380 20110414	B01D71/62; H01M8/10	Proton conducting polymer membrane based on polyoxazole, useful in membrane-electrode unit, obtainable by e.g. mixing aromatic diamino-dihydroxy compound and aromatic carboxylic acid, heating, and applying layer of mixture on carrier
DE102012009727 A1 20121129	TEDATEX IND GMBH BERATUNG PLANUNG ENTWICKLUNG [DE]	DE201110103306 20110526; DE201110112295 20110905; DE20121009727 20120516	H01M8/02	Brennstoffzelle ohne Bipolarplatte mit in Teilzellen unterteilten Zellen und integriertem Strompfad
DE102012010173 A1 20121122	DAIMLER AG [DE]	DE20121010173 20120523	H01M8/04	Fuel cell arrangement for use in e.g. passenger car, has control devices coupled with control apparatus through two fuel cell buses and designed as master and slave, respectively, where apparatus is coupled with fuel cell systems
DE102012011397 A1 20121129	DAIMLER AG [DE]	DE20121011397 20120608	H01M8/04; H01M8/02	Method for operating fuel cell system for vehicle, involves connecting inlets of fuel cell stack to oxidizing agent supply line and fuel supply line respectively, after altering spatial alignment of fuel cell stack
DE102012100393 A1 20121004	GM GLOBAL TECH OPERATIONS INC [US]	US201113075954 20110330	H01M8/04	Spannungswiederherstellung und Verunreinigungsentfernung mittels Ex-situ Wasserspaltung
DE102012102171 A1 20121011	GM GLOBAL TECH OPERATIONS INC [US]	US201113082046 20110407	H01M8/04	Verfahren zum Detektieren eines Bruttoverlustes in einem K <sup>3</sup> hlmittel basierend auf einer Strom <sup>3</sup> ckkopplung aus der Hochtemperaturpumpe

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102012102282 A1 20121031	GM GLOBAL TECH OPERATIONS INC [US]	US201113094263 20110426	H01M8/04	Algorithmus für die In-situ-Quantifizierung einer PEMFC-Membranfunktionsfähigkeit über ihre Lebensdauer
DE102012102283 A1 20121031	GM GLOBAL TECH OPERATIONS INC [US]	US201113130943 20110426	H01M8/04; H01M8/24	Method for determining aging of hydrogen fuel cells of fuel cell stack of vehicle, involves comparing difference between identified and computed catalyst carrier surface areas to measure alteration in catalyst carrier surface area
DE102012205543 A1 20121011	HONDA MOTOR CO LTD [JP]	JP20110085533 20110407	H01M8/00; H01M8/10	Brennstoffzelle
DE102012205644 A1 20121011	HONDA MOTOR CO LTD [JP]	JP20110085536 20110407	H01M8/00	Brennstoffzelle
DE102012205692 A1 20121011	HONDA MOTOR CO LTD [JP]	JP20110085531 20110407; JP20120030023 20120215	H01M8/02	Brennstoffzellen-Metallseparator und Edelmetallbeschichtungsverfahren
DE102012205999 A1 20121018	GM GLOBAL TECH OPERATIONS INC [US]	US201113088453 20110418	F16K1/18; H01M8/04	Semi-passives Gegendrucksteuerventil
DE102012206049 A1 20121018	GM GLOBAL TECH OPERATIONS INC [US]	US201113088792 20110418	B29C67/00; G21K5/02; H01M8/02	Fabricating radiation cured structure, useful in fuel cell, comprises providing first and second radiation sensitive materials and placing a mask between them, exposing the materials to radiation beams, and forming constructs in materials
DE102012208197 A1 20121122	HONDA MOTOR CO LTD [JP]	JP20110111033 20110518	B60L11/18; H01M8/04; H02J7/00	Brennstoffzellenfahrzeug
DE102012208199 A1 20121122	HONDA MOTOR CO LTD [JP]	JP20110111036 20110518	B60L11/18; H01M8/04	Brennstoffzellen-Fahrzeug
DE102012208384 A1 20121122	HONDA MOTOR CO LTD [JP]	JP20110114213 20110520	G01N27/14; H01M8/04	Gassensor

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE102012209194 A1 20121206	GM GLOBAL TECH OPERATIONS INC [US]	US201113153844 20110606	C25F3/06; C23F4/00; H01M8/02; H01M8/10	Legieren einer Edelmetalloberfläche
DE102012210022 A1 20121220	GM GLOBAL TECH OPERATIONS INC [US]	US201113164020 20110620	H01M8/04	GEFRIERF?HIGES ANODENVENTIL MIT EINER EINGESCHLOSSENEN VERSCHIEBEPLATTENDURCHBRECHUNG
DE102012210350 A1 20121220	HONDA MOTOR CO LTD [JP]	JP20110135905 20110620	H01M8/04	Brennstoffzellensystem und Fahrzeug ausgestattet mit demselben
DE10262309 B4 20121122	HONDA MOTOR CO LTD [JP]	JP20010022047 20010130; JP20020005333 20020111	H01M8/02; H01M2/14; H01M8/04; H01M8/10; H01M8/24	Brennstoffzelle
DE10297667 B4 20121220	GEN MOTORS CORP [US]	US20020074671 20020213; WO2002US39354 20021210	H01M8/04; H01M8/10	Intermittierende K?lung einer Brennstoffzelle
DE10392693 B4 20121213	GEN MOTORS LLC N D GES D STAATES DELAWARE [US]	US20020152858 20020522; WO2003US14767 20030512	H01M8/02; H01M8/04; F28D7/00; F28F3/12; F28F13/08; H01M2/02; H01M2/14; H01M8/10	Verfahren zur K?lung einer Brennstoffzelle sowie Brennstoffzelle und K?lsystem
DE10392873T T5 20120823	UTC FUEL CELLS LLC [US]	US20020180393 20020626; WO2003US19857 20030623	H01M8/04; H01M8/10	Vorrichtung und Verfahren zum Herunterfahren einer Brennstoffzellen-Stromerzeugungsanlage



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE10393165 B4 20121122	GEN MOTORS CORP [US]	WO2003US26041 20030820; US20020230916 20020829	H01M8/04; H01M8/24; H01M2/14; H01M8/02; H01M8/10	Brennstoffzellenstapel und Betriebsverfahren
DE10393478T T5 20120823	UTC FUEL CELLS LLC [US]	US20020269654 20021010; WO2003US29868 20030917	H01M8/02; F15D1/14; H01M2/08; H01M8/00; H01M8/04; H01M8/06; H01M8/24	Kaskaden-Brennstoffeinlass- Verzweigungssystem f? Brennstoffzellen
DE10394056 B4 20120913	GEN MOTORS CORP [US]	WO2003US39147 20031210; US20030664294 20030917; US20030356403 20030131	H01M8/02; H01M8/04	PEM-Brennstoffzelle mit einem Durchflussbegrenzer in einem Brennstoffzellen-Str?ungsfeld
DE10394059 B4 20121031	GEN MOTORS CORP [US]	US20030356333 20030131; WO2003US39158 20031210; US20030696267 20031029	H01M8/04; H01M2/00; H01M2/02; H01M8/02; H01M8/12	Brennstoffzellensystem mit einem Rekuperativw?metauscher
DE112004002543T T5 20121004	TOYOTA MOTOR CO LTD [JP]	JP20030427035 20031224; WO2004JP19292 20041216	H01M8/10; H01M4/86; H01M4/88; H01M4/92; H01M4/94; H01M8/02; H01M8/04; H01M8/12	Brennstoffzelle

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112004002547T T5 20121018	TOYOTA MOTOR CO LTD [JP]	JP20030427382 20031224; WO2004IB04237 20041222	H01M8/02; H01M8/10; H01M8/24	Brennstoffzellenstapelaufbau
DE112005000367 B4 20120913	MODINE MFG CO [US]	US20040545054P 20040217; WO2005US04706 20050216	C01B3/38; C10J1/207; B01B1/00; B01F1/00; B01J8/04; B01J19/00; B01J19/24; C01B3/16; C01B3/32; C01B3/34; C01B3/48; C01B3/56; F22D1/38; F28D7/02; F28D7/10; F28F1/10; F28F1/42; H01M8/04; H01M8/06	Integrierte Brennstoffverarbeitungsanlage f? eine dezentrale Wasserstoffproduktion
DE112005000392 B4 20121206	NISSAN MOTOR [JP]	JP20040039884 20040217; WO2005JP02519 20050210	H01M8/04	Brennstoffzellensystem und Verfahren zum Betrieb eines Brennstoffzellensystems

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112005000937 B4 20120726	TOYOTA MOTOR CO LTD [JP]	JP20040129441 20040426; WO2005JP07270 20050407	B01D69/12; C01B3/50; B01D53/22; B01D67/00; B01D69/00; B01D71/02; B01J35/06; H01M4/94; H01M8/06; H01M8/10	Wasserstoff-Abtrennmembran und Brennstoffzelle sowie Herstellungsverfahren daf?
DE112008004117T T5 20120913	UTC POWER CORP [US]	WO2008US84262 20081121	H01M8/02; H01M8/12	Festoxid-Brennstoffzelle mit gefestigtem Tr?er aufweisend eine Legierung auf Nickelbasis
DE112008004154T T5 20121011	UTC POWER CORP [US]	WO2008US84254 20081121	H01M8/04; H01M8/02; H01M8/24	VERFAHREN ZUR HERSTELLUNG EINES BRENNSTOFFZELLEN-FLACHMATERIALS
DE112008004259 A5 20120712	TOYOTA MOTOR CO LTD [JP]	JP20070333983 20071226	H01M8/04	Brennstoffbatteriesystem
DE112009002206T T5 20120726	TOYOTA AUTO BODY CO LTD [JP]	JP20080312397 20081208; WO2009JP58055 20090423	H01M8/06; H01M8/02; H01M8/10	Stromerzeugungszelle f? eine Brennstoffbatterie
DE112009003549T T5 20120920	EZELLERON GMBH [DE]	DE20081064024 20081212; WO2009EP08949 20091214	H01M8/04; F04F5/46; F04F5/54; H01M8/06; H01M8/12	Brennstoffzellensystem mit flexiblem Venturisystem fur einen gezielten, steuerbaren Betrieb
DE112009003572T T5 20121129	EZELLERON GMBH [DE]	DE20081062617 20081211; WO2009EP08883 20091211	H01M8/04; H01M8/12; H01M8/24	Hochtemperaturbrennstoffzellensystem

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112009003573T T5 20120705	EZELLERON GMBH [DE]	DE20081064025 20081212; WO2009EP08951 20091214	H01M8/04; H01M8/06; H01M8/24; H01M16/00	Brennstoffzellensystem mit Reoxidationsbarriere
DE112009003663T T5 20120809	EZELLERON GMBH [DE]	WO2009EP08950 20091214; DE20081064032 20081212	H01M8/12; H01M8/00; H01M8/02; H01M8/24	Brennstoffzellensystem mit ringförmigem Stack
DE112009003664T T5 20120809	EZELLERON GMBH [DE]	DE20081064029 20081212; WO2009EP08953 20091214	H01M8/02; H01M8/00; H01M8/04; H01M8/10; H01M8/12; H01M8/24	Brennstoffzellensystem mit Brenner
DE112009004397T T5 20120823	TOYOTA MOTOR CO LTD [JP]	WO2009JP50646 20090119	F17D1/20; F17D1/04; H01M8/04	Hochdruck-Fluidversorgungs- vorrichtung
DE112009004407T T5 20120823	TOYOTA MOTOR CO LTD [JP]	JP20090022850 20090203; WO2009IB07721 20091211	H01M8/06; B01D45/00; H01M8/04	Integrierte Vorrichtung aus einem Gas/Festigkeit-Separator und einem Verdichter
DE112009004658T T5 20120802	TOYOTA AUTO BODY CO LTD [JP]	JP20090097291 20090413; WO2009JP68315 20091026	H01M8/02; H01M8/10	RFAHREN ZU DESSEN HERSTELLUNG, UND UMFORMVORRICHTUNG HIERFÜR
DE112009004773T T5 20121011	TOYOTA MOTOR CO LTD [JP]	WO2009JP58990 20090514	H01M8/04; H01M8/10	Brennstoffzellensystem
DE112009004800T T5 20121108	TOYOTA MOTOR CO LTD [JP]	WO2009JP59777 20090528	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	Brennstoffzellensystem und Fahrzeug

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112009004801T T5 20121108	TOYOTA MOTOR CO LTD [JP]	WO2009JP59774 20090528	B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	BRENNSTOFFZELLENSYSTEM UND FAHRZEUG
DE112009004806T T5 20121108	TOYOTA MOTOR CO LTD [JP]	WO2009JP59779 20090528	B60K1/04; B60K8/00; B60L11/18; B62D25/20; H01M8/00; H01M8/04; H01M8/24	Brennstoffzellensystem und -fahrzeug
DE112009004847T T5 20121011	TOYOTA MOTOR CO LTD [JP]	WO2009JP60109 20090603	H01M8/04; B60K1/00; B60K8/00; H01M8/24	Brennstoffzellensystem
DE112009004862T T5 20121108	TOYOTA MOTOR CO LTD [JP]	WO2009JP59785 20090528	B60K1/04; B60K8/00; B60L11/18; B62D25/20; H01M8/00; H01M8/04; H01M8/24	Brennstoffzellenanordnung und Fahrzeug
DE112009004880T T5 20121025	TOYOTA MOTOR CO LTD [JP]	WO2009JP60423 20090608	B60L11/18; B60L15/20; H01M8/00; H01M8/04	Brennstoffzellensystem und Leistungssteuerungsverfahren f? selbiges
DE112009004959T T5 20120712	TOYOTA MOTOR CO LTD [JP]	WO2009JP61104 20090618	H01M8/04; H01M8/10	Brennstoffzellensystem
DE112009004964T T5 20120712	TOYOTA MOTOR CO LTD [JP]	WO2009JP61222 20090619	H01M8/04; H01M8/10	Brennstoffzellensystem

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112009004990T T5 20121122	TOYOTA MOTOR CO LTD [JP]	WO2009JP61312 20090622	H01M8/04	Brennstoffzellensystem und Steuerverfahren beim Starten des Brennstoffzellensystems
DE112009005098T T5 20120809	TOYOTA MOTOR CO LTD [JP]	WO2009JP63567 20090730	H01M8/04; H01M8/06	Brennstoffzellensystem
DE112009005101T T5 20120913	TOYOTA MOTOR CO LTD [JP]	WO2009JP63489 20090729	H01M8/04; H01M8/00; H01M8/10	Brennstoffzellensystem
DE112009005162T T5 20120705	TOYOTA MOTOR CO LTD [JP]	WO2009JP64613 20090821	H01M8/04	Brennstoffzellensystem
DE112009005179T T5 20120809	UTC POWER CORP [US]	WO2009US04892 20090828	H01M8/04; H01M8/10; H01M8/24	Elektrodenverschleiss-Verringerung bei Hochtemperatur-PEM-Brennstoffzell
DE112009005443T T5 20121129	TOYOTA MOTOR CO LTD [JP]	WO2009JP06915 20091216	H01M8/04; H01M8/24	Brennstoffzellen
DE112010001448T T5 20120830	TOYOTA MOTOR CO LTD [JP]	JP20090085111 20090331; WO2010IB00584 20100318	H01M8/04; H01M8/00	Brennstoffzellensystem, Regelverfahren f? das Brennstoffzellensystem und mit dem Brennstoffzellensystem ausgestattetes Elektrofahrzeug
DE112010001642T T5 20120802	TOYOTA MOTOR CO LTD [JP]	JP20090099094 20090415; WO2010IB00561 20100318	C23C16/02; C22F1/00; C22F1/18; H01M8/02	MATERIAL AUF TITANBASIS, VERFAHREN ZUM HERSTELLEN EINES MATERIALS AUF TITANBASIS UND BRENSTOFFZELLESEPARATOR
DE112010002093T T5 20121004	TOYOTA MOTOR CO LTD [JP]	JP20090126317 20090526; WO2010JP57461 20100427	H01M8/04; H01M8/10	Brennstoffzellensystem
DE112010002556T T5 20120906	TOYOTA MOTOR CO LTD [JP]	JP20090142895 20090616; WO2010IB01021 20100504	B60L11/18; B60L1/00; H01M8/04	Brennstoffzellensystem

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE112010002798T T5 20121108	CLEAREDGE POWER INC [US]	US20090497417 20090702; WO2010US40454 20100629	H01M8/02; H01M4/88; H01M8/10	VERRINGERN DES VERLUSTS VON FL?SIGEM ELEKTROLYT AUS EINERHOCHTEMPERATUR-POLYMERELEKTROLYTMEMBRAN-BRENNSTOFFZELLE
DE112010002928 A5 20120830	BASF SE [DE]	WO2010EP04209 20100709; EP20090009266 20090716	H01M8/04; H01M8/06; H01M8/10	Verfahren zum Betrieb einer Brennstoffzelle
DE112010002963T T5 20121115	AKAD GORNICZO HUTNICZA [PL]	PL20090388558 20090717; WO2010PL00058 20100712	H01M8/02; H01M4/86; H01M4/88; H01M8/12	Verfahren zur Herstellung eines elektrochemischen Energiewandlers und der elektrochemische Energiewandler
DE112010004227T T5 20120823	ENERFUEL INC [US]	US20090603655 20091022; WO2010US53835 20101020	H01M8/02; H01M8/10	Integrierte PEM-Brennstoffzelle
DE112011100145T T5 20120920	PANASONIC CORP [JP]	JP20100186329 20100823; WO2011JP02594 20110510	H01M8/04; H01M8/10	VERFAHREN ZUM BESTIMMEN EINER VERSCHLECHTERUNG EINER BRENNSTOFFZELLE
DE112011100340T T5 20121129	PANASONIC CORP [JP]	WO2011JP05726 20111013; JP20100281911 20101217	H01M8/04; H01M8/00; H01M8/10; H01M10/42; H01M10/48	BRENNSTOFFZELLENSYSTEM UND VERFAHREN ZUM STEuern DESSELBEN
DE112011100391T T5 20121206	PANASONIC CORP [JP]	JP20100148190 20100629; WO2011JP01111 20110225	H01M8/06; H01M8/04; H01M8/10	DIREKTOXIDATIONSBRENNSTOFFZELLENSYSTEM
DE202011050970U U1 20121115	F X STOEHR GMBH [DE]	DE20112050970U 20110811	G05D16/04; H01M8/04	Druckreduzierer für gasförmige Medien

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DE202012002589U U1 20120713	BOHR RUEDIGER [DE]	DE20122002589U 20120313	H02J3/00; C25B1/02; H01M8/00; H02N6/00	System zur autonomen Energieversorgung mit erneuerbarer Energie
DK0945910T T3 20120820	UMICORE AG & CO KG [DE]	DE1998112592 19980323	H01M4/86; H01M8/10; H01M4/88; H01M4/92; H01M8/02	Membran-elektrode-enhed til polymer-elektrolyt-br?dselsceller og fremgangsm?e til dens fremstilling
DK1332524T T3 20121217	ROLLS ROYCE FUEL CELL SYSTEMS LTD [GB]	GB20000024106 20001003; WO2001GB04410 20011002	H01M8/02; H01M8/12; H01M8/24	FASTOXIDBR?DSELSCELLEKOMPONENT OG FREMGANGSMAADE TIL FREMSTILLING AF EN FASTOXIDBR?DSELSCELLEKOMPONENT
DK1522113T T3 20121217	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	DE2002132130 20020711; WO2003EP07492 20030710	H01M8/04; G01N27/26; H01M8/00; H01M8/10	Elektrode-membran-enhed-pr?eapparat og fremgangsm?e til pr?ning af en elektrode-membran-enhed
DK1536507T T3 20120723	SUMITOMO ELECTRIC INDUSTRIES [JP]; KANSAI ELECTRIC POWER CO [JP]	WO2003JP05059 20030421; JP20020120157 20020423	H01M8/18; H01M8/04; H01M8/20	Fremgangsm?e til at designe et redox-flow-batterisystem



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DK1568412T T3 20120709	BATTELLE MEMORIAL INSTITUTE [US]	US19990375614 19990817; US20000640903 20000816; EP20000955739 20000817	B01D53/22; B01J19/00; B01D71/02; B01J12/00; B01J19/24; B01J23/60; B01J37/02; C01B3/38; C01B3/48; C01B3/50; C01B3/56; C01B13/02; H01M8/06	Fremgangsm?e til reformering af kulbrintedamp
DK1665439T T3 20121126	ROLLS ROYCE PLC [GB]	GB20030016504 20030715; WO2004GB02594 20040618	H01M8/12	FASTOXIDBR?DSELSCELLE
DK1691439T T3 20120709	BDF IP HOLDINGS LTD [CA]	US19990406318 19990927; EP20000962107 20000922	H01M8/04; H01M8/10	Fremgangsm?e til lukning af et elproduktionssystem
DK1791205T T3 20121217	ATOMIC ENERGY COUNCIL [TW]	JP20050338149 20051124	H01M8/04	Anordning til termisk simulering af en br?dselscelle
DK1807894T T3 20121015	HTCERAMIX S A HIGH TECHNOLOGY ELECTROCERAMICS [CH]	EP20040025914 20041102; WO2005EP55714 20051102	H01M8/02; F28D9/00; F28F3/08; F28F21/04; H01M8/04; H01M8/12; H01M8/24	Fastoxidbr?dselscellesystem

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DK1885492T T3 20121203	BASF CATALYSTS LLC [US]	WO2006US20816 20060530; US20050142580 20050601	B01J23/89; B01J23/42; B01J23/72; B01J23/745; C01B3/58; H01M8/06	Selektiv oxidationskatalysator indeholdende platin, kobber og jern til fjernelse af carbonmonoxid fra en hydrogenrig gas
DK1908144T T3 20120813	BLOOM ENERGY CORP [US]	WO2006US28614 20060724; US20050701977P 20050725	H01M8/04; H01M8/06	BR?DSELSCELLESYSTEM MED ELEKTROKEMISK ANODEUDST?NINGSGASGENANVENDELSE
DK1930974T T3 20120709	UNIV DENMARK TECH DTU [DK]	EP20060024339 20061123	H01M8/12; H01M4/86; H01M4/88; H01M8/18	Fremgangsm?e til fremstilling af reversible fastoxidceller
DK1981113T T3 20120813	DELPHI TECH INC [US]	US20070784125 20070405	H01M8/22	Energiomdannelsesindretning, som indeholder en fastoxidbr?dstofcelle, optanket via ammoniak
DK2045861T T3 20120702	TOPSOE FUEL CELL AS [DK]	DK20070001445 20071005	H01M8/02	T?ning til en por? metalb?er I en br?dselscelle
DK2049249T T3 20120910	BASF SE [DE]	EP20060117843 20060726; WO2007EP57450 20070719	B01J21/04; B01J21/06; B01J23/02; B01J23/72; B01J37/03; C01B3/12; H01M8/06	Katalysator til lavtemperaturkonvertering og fremgangsm?e til lavtemperaturkonvertering af carbonmonoxid og vand til carbondioxid og hydrogen
DK2071216T T3 20121105	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20070059819 20071213	F16J15/08; H01M8/02	Superplastisk pakning, fortrinsvis til et system med elektrokemiske celler

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
DK2119757T T3 20120820	NIPPON OIL CORP [JP]	JP20070056905 20070307; WO2008JP54239 20080304	B01J20/18; C01B3/38; C10G25/05; C10G53/08; C10L3/10; C10L3/12; H01M8/06	Afsvovlingssystem til kulbrintebr?dse
DK2182573T T3 20120716	INHOUSE ENGINEERING GMBH [DE]	DE20081052531 20081031	H01M8/24; H01M8/04	PEM-br?dselscellestak
DK2232620T T3 20121203	SAINT GOBAIN CERAMICS [US]	US20070008650P 20071221; WO2008US13740 20081216	H01M8/02; C04B41/00	Glaskeramiske flerlagsforseglinger til br?dstofceller
DK2242140T T3 20120723	IND TECH RES INST [TW]	TW20090112619 20090416	H01M8/06; C01B3/06; H01M8/04	Hydrogentilf?selsindretning
DK2313942T T3 20120820	CERES IP CO LTD [GB]	GB20080015312 20080821; WO2009GB02059 20090820; US20080090947P 20080822; GB20080015535 20080826	H01M8/24; H01M8/04	Forbedret luftstr?ning i luftf?ingsh?te til br?dselscellestak ved anvendelse af en luftfordelingsanordning

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2470485 A2 20120704	MCALISTER TECHNOLOGIES LLC [US]	US20090581825 20091019; US20090237466P 20090827; US20090237479P 20090827; WO2009US67044 20091207; US20100304403P 20100213; US20090237425P 20090827; US20090653085 20091207; US20100312100P 20100309; WO2010US42812 20100721	C25B11/02; C02F1/461; C03C10/00; C25B13/02; H01M8/16	CERAMIC INSULATOR AND METHODS OF USE AND MANUFACTURE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2470770 A2 20120704	MCALISTER TECHNOLOGIES LLC [US]	US20090237479P 20090827; US20090237425P 20090827; US20090237466P 20090827; US20090967044 20091207; US20100312100P 20100309; US20090581825 20091019; US20100304403P 20100213; US20090653085 20091207; WO2010US02077 20100721	C25B11/02; C02F1/461; C03C10/00; C25B13/02; H01M8/16	FUEL INJECTOR ACTUATOR ASSEMBLIES AND ASSOCIATED METHODS OF USE AND MANUFACTURE
EP2471135 A1 20120704	BOEING CO [US]	US20090550131 20090828; WO2010US42387 20100719	H01M8/04; H01M8/12	THERMOELECTRIC GENERATOR AND FUEL CELL FOR ELECTRIC POWER CO- GENERATION
EP2471136 A1 20120704	DAIMLER AG [DE]	WO2010EP04201 20100709; DE20091039364 20090829	H01M8/04; B60H1/00; B60K11/04; B60L11/18; F28D1/00	VEHICLE WITH AT LEAST ONE COOLANT CIRCUIT FOR COOLING OF A FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2471137 A1 20120704	BELENOS CLEAN POWER HOLDING AG [CH]	EP20090168872 20090827; WO2010EP62514 20100826; EP20100745285 20100826	H01M8/04	METHOD FOR THE EARLY DETECTION OF LIQUID WATER FORMATION IN A FUEL CELL
EP2471138 A1 20120704	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090055854 20090827; WO2010EP62512 20100826	H01M8/10; B01D67/00; C08J5/22	PROTON-CONDUCTING MEMBRANES FOR A FUEL CELL, AND METHOD FOR PREPARING SUCH MEMBRANES
EP2471139 A1 20120704	CELLERA INC [IL]	US20090236282P 20090824; WO2010US46562 20100824	H01M8/10	SYSTEMS AND METHODS OF SECURING IMMUNITY TO AIR CO2 IN ALKALINE FUEL CELLS
EP2472658 A1 20120704	DELPHI TECH INC [US]	US20100981881 20101230	H01M8/02; C03C8/24; H01M8/24	A solid oxide fuel cell having a glass composite seal
EP2472659 A1 20120704	JX NIPPON OIL & ENERGY CORP [JP]	JP20090196694 20090827; JP20090219021 20090924; JP20090218898 20090924; JP20090218897 20090924; WO2010JP64489 20100826	H01M8/04; H01M8/06; H01M8/12	LOAD FOLLOWING OPERATION METHOD FOR FUEL CELL SYSTEM
EP2472660 A1 20120704	BOSCH GMBH ROBERT [DE]	DE20101064347 20101229	H01M8/04	Fuel cell system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2473260 A1 20120711	FUJIFILM MFG EUROPE BV [NL]	GB20090015109 20090901; WO2010GB51331 20100811	B01D69/02; B01D67/00; B01D69/12; B01D71/82; C08J5/22; H01M8/10	PROCESS FOR PREPARING COMPOSITE MEMBRANES
EP2474062 A1 20120711	AIRBUS OPERATIONS GMBH [DE]	DE20091040013 20090903; US20090239481P 20090903; WO2010EP62604 20100830	H01M8/04	CONCEPT FOR DRYING EXHAUST GAS OF A FUEL CELL SYSTEM UTILIZING THE LIQUID HYDROGEN AS A HEAT SINK
EP2474063 A2 20120711	BLOOM ENERGY CORP [US]	US20090272227P 20090902; WO2010US47540 20100901	H01M8/04; F28D7/00; H01M8/12	MULTI-STREAM HEAT EXCHANGER FOR A FUEL CELL SYSTEM
EP2474064 A1 20120711	DHV B V [NL]	NL20092003429 20090902; WO2010NL50537 20100827	H01M8/06; B01D9/00; C02F1/52; H01M8/12; H01M8/22	METHOD FOR THE PRODUCTION OF ELECTRICAL ENERGY FROM AMMONIUM
EP2474065 A1 20120711	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]	US20090554039 20090904; WO2010US47831 20100903	H01M8/06	METHOD FOR GENERATING A GAS WHICH MAY BE USED FOR STARTUP AND SHUTDOWN OF A FUEL CELL
EP2474066 A1 20120711	DU PONT [US]	US20090239623P 20090903; WO2010US47812 20100903	H01M8/10	IMPROVED CATALYST COATED MEMBRANES HAVING COMPOSITE, THIN MEMBRANES AND THIN CATHODES FOR USE IN DIRECT METHANOL FUEL CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2474067 A1 20120711	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]	US20090554460 20090904; WO2010US47850 20100903	H01M8/18	APPARATUS FOR GENERATING A GAS WHICH MAY BE USED FOR STARTUP AND SHUTDOWN OF A FUEL CELL
EP2474502 A1 20120711	PANASONIC CORP [JP]	JP20090204268 20090904; WO2010JP05262 20100826	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND METHOD FOR STARTING SAME
EP2474562 A2 20120711	DAIKIN IND LTD [JP]; ASAHI KASEI E MATERIALS CORP [JP]	EP20070708065 20070205; JP20060027375 20060203	C08F8/20; C08F214/18; C08J5/22; H01B1/12; H01M8/10	Method for producing -SO <sub>3</sub> H group-containing fluoropolymer and -SO <sub>3</sub> H group-containing fluoropolymer
EP2475034 A1 20120711	SOLVICORE GMBH & CO KG [DE]	EP20100016032 20101223	H01M4/90; H01M4/92; H01M8/10	Improved membrane electrode assemblies for PEM fuel cells
EP2475035 A1 20120711	NIPPON STEEL CORP [JP]	JP20090180885 20090803; WO2010JP63134 20100728	H01M8/02; H01M8/10	TITANIUM MATERIAL FOR SOLID POLYMER FUEL CELL SEPARATOR, AND PROCESS FOR PRODUCTION THEREOF
EP2475036 A1 20120711	PANASONIC CORP [JP]	JP20100178321 20100809; JP20090201386 20090901; WO2010JP05348 20100831	H01M8/02; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY, PRODUCTION METHOD FOR SAME, AND FUEL CELL
EP2475037 A1 20120711	PANASONIC CORP [JP]	JP20090203432 20090903; WO2010JP05382 20100901	H01M8/02; H01M4/86; H01M4/88; H01M4/96; H01M8/10	GAS DIFFUSION LAYER FOR FUEL CELL, METHOD FOR MANUFACTURING SAME, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2475038 A1 20120711	PANASONIC CORP [JP]	JP20090202207 20090902; WO2010JP05203 20100824	H01M8/04; H01M8/10	FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR OPERATING SAME
EP2475039 A2 20120711	SAMSUNG SDI CO LTD [KR]	KR20110002339 20110110	H01M8/04	Fuel cell system and method of controlling reaction condition of fuel in fuel cell
EP2475040 A1 20120711	REINHOLD WESSELMANN GMBH [DE]	DE20112001161U 20110105	H01M8/24	Galvanic cell unit
EP2476155 A1 20120718	DAIMLER AG [DE]	DE20091049761 20091017; DE20091040815 20090910; WO2010EP04662 20100730	H01M8/04	METHOD FOR COLD STARTING A FUEL CELL SYSTEM AND FUEL CELL SYSTEM OF A MOTOR VEHICLE
EP2476722 A1 20120718	HAERING THOMAS [DE]; HAERING RIMA [DE]	EP20000925253 20000502; DE1999119988 19990430	C08J5/22; B01D69/12; B01D69/14; B01J31/06; B01J35/06; C08K9/02; H01M2/16; H01M8/04; H01M8/10	Proton conducting ceramic polymer composite membrane for use at temperatures up to 300 DEG C
EP2477262 A1 20120718	PANASONIC CORP [JP]	JP20090209033 20090910; WO2010JP04350 20100702	H01M4/86; H01M4/88; H01M8/02; H01M8/10	GAS DIFFUSION LAYER AND PROCESS FOR PRODUCTION THEREOF, AND FUEL CELL
EP2477263 A1 20120718	NISSAN MOTOR [JP]	JP20090209734 20090910; WO2010JP65129 20100903	H01M4/88; H01M4/86; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL GAS DIFFUSION LAYER, FUEL CELL GAS DIFFUSION LAYER, AND FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2477264 A2 20120718	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110003551 20110113	H01M4/92; H01M4/86; H01M8/10; H01M12/08	Catalyst including active particles, method of preparing the catalyst, fuel cell including the catalyst, electrode including the active particles for lithium air battery, and lithium air battery including the electrode
EP2477266 A2 20120718	ENEOS CELLTECH CO LTD [JP]	EP20030003223 20030220	H01M8/06; F23D14/72; H01M8/04	Method for operating a fuel cell system
EP2478131 A1 20120725	ITM POWER RESEARCH LTD [GB]	GB20090016179 20090916; WO2010GB51548 20100915	C25B9/08; C25B9/10; C25B9/18; H01M8/00; H01M8/10; H01M8/24	TUBULAR ELECTROCHEMICAL CELL
EP2478581 A1 20120725	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090004381 20090914; WO2010EP63397 20100913	H01M8/04; G01R31/36	VOLTAGE CONTROL DEVICE FOR A FUEL CELL
EP2478582 A1 20120725	TOYOTA MOTOR CO LTD [JP]; KYOCERA CORP [JP]	JP20090190641 20090820; WO2010IB02239 20100819	H01M8/04	FUEL CELL SYSTEM AND OPERATING METHOD FOR FUEL CELL SYSTEM
EP2478583 A1 20120725	FLUIDIC INC [US]	US20090243970P 20090918; WO2010US49361 20100917	H01M8/04; H01M8/18; H01M8/24; H01M12/08	RECHARGEABLE ELECTROCHEMICAL CELL SYSTEM WITH A CHARGING ELECTRODE CHARGE/DISCHARGE MODE SWITCHING IN THE CELLS
EP2479307 A1 20120725	HITACHI METALS LTD [JP]	JP20100145373 20100625; JP20090214525 20090916; WO2010JP65604 20100910	C22C38/00; C22C38/50; H01M8/02; H01M8/12	STEEL FOR SOLID OXIDE FUEL CELL HAVING EXCELLENT OXIDATION RESISTANCE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2479826 A1 20120725	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]	JP20110011037 20110121	H01M8/06; F04C28/06; H01M8/04	Fuel cell system
EP2479827 A1 20120725	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]	JP20110011052 20110121	H01M8/06; H01M8/04; H02P8/00	Fuel cell system
EP2479828 A1 20120725	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]; FUTABA IND CO LTD [JP]	JP20110011638 20110124; JP20120004261 20120112	H01M8/06; B01J15/00; B01J16/00; B01J47/02	Depurant container device for fuel cell system and fuel cell system including thereof
EP2479829 A1 20120725	GORE ENTERPRISE HOLDINGS INC [US]	EP20060814831 20060915; US20050235478 20050926	H01M8/10; H01M4/88; H01M4/92; H01M8/08	Solid polymer electrolyte and process for making same
EP2481116 A1 20120801	DAIMLER AG [DE]	DE20091042901 20090925; WO2010EP04344 20100716	H01M8/04; B60L3/00	METHOD FOR OPERATING A FUEL CELL SYSTEM
EP2481119 A1 20120801	EWE FORSCHUNGSZENTRUM FUER ENERGIETECHNOLOGIE E V [DE]	WO2009EP06904 20090924	H01M8/10	PROTON EXCHANGE MEMBRANE COMPRISING POLYMER BLENDS FOR USE IN HIGH TEMPERATURE PROTON EXCHANGE MEMBRANE FUEL CELLS
EP2482371 A1 20120801	PANASONIC CORP [JP]	JP20090268045 20091125; WO2010JP06690 20101115	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND FUEL CELL PROVIDED WITH SAME
EP2482373 A1 20120801	SIEMENS AG [DE]	EP20110152648 20110131	H01M8/18; H01M12/08; H01M16/00	Energy storage device for charging and discharging an energy storage device

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2482419 A1 20120801	PANASONIC CORP [JP]	JP20100026193 20100209; WO2011JP00722 20110209	H02J3/38; H01M8/04; H02M3/155; H02M3/28; H02M7/48	POWER CONVERSION DEVICE AND FUEL CELL SYSTEM PROVIDED THEREWITH
EP2482594 A2 20120801	HAND HELD PROD INC [US]	US201113018033 20110131	H04W52/02; H01M16/00; H04B1/16	MOBILE DEVICE AND METHOD FOR EXTENDING BATTERY LIFE
EP2483451 A1 20120808	AREVA [FR]	FR20090056708 20090928; WO2010FR52034 20100928	C25B9/18; C25B9/04; C25B9/06; H01M8/02	ELECTROLYSIS DEVICE
EP2483946 A1 20120808	REVOLT TECHNOLOGY LTD [IE]	US20100304273P 20100212; US20090230550P 20090731; WO2010US43988 20100730	H01M2/02; H01M4/86; H01M4/88; H01M8/02; H01M8/18; H01M8/22; H01M12/06; H01M12/08	AIR ELECTRODE WITH BINDER MATERIALS AND MANUFACTURING METHODS FOR AIR ELECTRODE
EP2483957 A1 20120808	MYFC AB [SE]	SE20090050724 20091002; WO2010SE51051 20100930	H01M8/02; B23K11/11; H01M8/24	FUEL CELL ASSEMBLY
EP2483959 A1 20120808	UNIV DANMARKS TEKNISKE [DK]	EP20090171384 20090925; US20090245708P 20090925; WO2010DK50239 20100921; EP20100818437 20100921	H01M8/10	METHOD OF OPERATING A DIRECT DME FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2483960 A1 20120808	TEKNOLOGIAN TUTKIMUSKESKUS VTT [FI]	FI20090006010 20091002; WO2010FI50761 20101001	H01M8/04; B60L11/18; H01M8/06	METHOD AND SYSTEM FOR MAINTAINING PURITY OF ANODE OR CATHODE GAS IN A FUEL CELL
EP2483961 A2 20120808	BLOOM ENERGY CORP [US]	US20090272494P 20090930; WO2010US50577 20100928	H01M8/24; B32B43/00; H01M8/04; H01M8/12	FUEL CELL STACK COMPRESSION DEVICES AND METHODS
EP2485294 A1 20120808	UNIV NOVA DE LISBOA [PT]	PT20090104766 20090929; WO2009IB54423 20091008	H01M2/16; H01M4/04; H01M8/02; H01M10/04; H01M10/36; H01M10/38	ENERGY GENERATION AND/OR STORAGE DEVICE BASED ON FIBRES AND THIN FILMS
EP2485308 A1 20120808	JAPAN VILENE CO LTD [JP]	JP20110023833 20110207; JP20110047767 20110304	H01M4/86; H01M8/02; H01M8/10	Water control sheet, gas diffusion sheet, membrane-electrode assembly and polymer electrolyte fuel cell
EP2486169 A1 20120815	GREVE MOLTKE CHRISTIAN GEORG PETER [DK]	WO2009IB54369 20091006	C25B1/04; H02J15/00	CLEAN-ENERGY SYSTEM
EP2486619 A1 20120815	AIRBUS OPERATIONS GMBH [DE]	US20090249116P 20091006; WO2010EP52511 20100226; US20090249114P 20091006; DE20091048394 20091006; DE20091048393 20091006	H01M8/04; B64D37/02; B64D41/00	COOLING SYSTEM FOR FUEL CELL SYSTEMS, METHOD FOR COOLING FUEL CELL SYSTEMS, AND A FUEL CELL SYSTEM
EP2487740 A1 20120815	TOYOTA MOTOR CO LTD [JP]	WO2009JP05214 20091007	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR STOPPING FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2487741 A2 20120815	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]; OSAKA GAS CO LTD [JP]	JP20110026645 20110210	H01M8/04; B01D53/00; C10G25/00; H01M8/06	Fuel cell system and desulfurization unit for the same
EP2487742 A2 20120815	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]; OSAKA GAS CO LTD [JP]	JP20110026644 20110210	H01M8/04; B01D53/00; C10G25/00; H01M8/06	Fuel cell system
EP2487743 A2 20120815	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]	JP20110026647 20110210	H01M8/04; B01D53/48; C10G25/00; H01M8/06	Fuel cell system
EP2487744 A1 20120815	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]	JP20110026653 20110210	H01M8/04; H01M8/06; H01M8/24	Fuel cell system
EP2487745 A1 20120815	BIC SOC [FR]	EP20050741083 20050503; US20040567437P 20040504; US20050047558 20050202	H01M8/10; B01D69/12; C25B13/00; H01M2/14; H01M8/00	Membranes and electrochemical cells incorporating such membranes
EP2489089 A1 20120822	TOYOTA MOTOR CO LTD [JP]; HELMHOLTZ ZENT B MAT & ENERG [DE]	WO2009JP68218 20091016	H01M4/88; H01M4/92; H01M8/10	METHOD FOR PRODUCING ELECTRODE CATALYST FOR FUEL CELL
EP2490289 A1 20120822	VAILLANT GMBH [DE]	DE20111011608 20110217	H01M8/04; H01M8/06	Fuel cell system
EP2490290 A1 20120822	AIR LIQUIDE [FR]	FR20110051285 20110217	H01M8/04; H01M8/24	Fluid coupling for a fuel cell plate, corresponding fuel cell plate and fuel cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2491063 A1 20120829	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]	FR20090057407 20091022; WO2010EP65687 20101019	C08F214/18; B01D71/32; B01D71/82; C08F8/12; C08F8/20; C08F8/40; C08F8/42; C08F214/24; C08F216/18; C08F230/02; C08J5/22; H01M8/10	COPOLYMERS INCLUDING PHOSPHONATES AND/OR PHOSPHONIC ACID GROUPS USEFUL FOR FORMING FUEL CELL MEMBRANES
EP2491279 A1 20120829	COMMISSARIAT ENERGIE ATOMIQUE [FR]; TECHNETHICS GROUP FRANCE SAS [FR]; ARMINES [FR]	FR20090057344 20091020; WO2010EP65649 20101018	F16J15/08; C25B9/00; C25B9/06; H01M8/02	SEAL BETWEEN TWO ELEMENTS HAVING SEPARATE THERMAL EXPANSION COEFFICIENTS
EP2491608 A1 20120829	ELECTRICITE DE FRANCE [FR]	FR20090057421 20091022; WO2010FR52196 20101015	H01M8/02; C01G3/00; C01G45/00; C01G49/00; C01G51/00; C01G53/00	INTERCONNECTOR FOR A HIGH-TEMPERATURE SOLID OXIDE FUEL CELL AND ELECTROLYSER
EP2491612 A1 20120829	NUVERA FUEL CELLS INC [US]	US20090259813P 20091110; WO2010US53239 20101019; US20090253013P 20091019	H01M10/44; H01M8/04; H01M10/48; H01M16/00	BATTERY STATE-OF-CHARGE MANAGEMENT METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2492257 A1 20120829	NIPPON CATALYTIC CHEM IND [JP]	WO2010JP68701 20101022; JP20090244876 20091023	C04B35/48; H01M8/02; H01M8/12	PROCESS FOR PRODUCTION OF SCANDIA-STABILIZED ZIRCONIA SHEET, SCANDIA-STABILIZED ZIRCONIA SHEET OBTAINED BY THE PROCESS, AND SCANDIA-STABILISED ZIRCONIA SINTERED POWDER
EP2492559 A1 20120829	TOYOOKI KOGYO KK [JP]; JTEKT CORP [JP]	JP20090242543 20091021; WO2010JP68619 20101021	F16K31/06; H01M8/04	SOLENOID VALVE
EP2492990 A1 20120829	SB LIMOTIVE CO LTD [KR]	US201161445765P 20110223; US201113304918 20111128	H01M2/02; H01M8/24	Means for mounting a battery module
EP2492997 A1 20120829	SHANGHAI EVERPOWER TECHNOLOGIES LTD [CN]	CN20101136286 20100330; WO2011CN72272 20110329	H01M4/86; H01M8/02; H01M8/24	BIPOLAR PLATE FOR FUEL CELL
EP2492998 A1 20120829	ENEOS CELLTECH CO LTD [JP]	JP20090240621 20091019; JP20090240616 20091019; JP20090240614 20091019; WO2010JP65422 20100908; JP20090250816 20091030	H01M8/06; C01B3/38; H01M8/10; H01M8/12	FUEL CELL SYSTEM
EP2492999 A1 20120829	SHANGHAI EVERPOWER TECHNOLOGIES LTD [CN]	CN20101136269 20100330; WO2011CN72269 20110329	H01M8/10; H01M8/24	FUEL CELL WITH MULTIPLE INDEPENDENT REACTION REGIONS



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2494642 A1 20120905	MICHELIN & CIE [FR]; MICHELIN RECH TECH [CH]	FR20090057644 20091030; WO2010EP66259 20101027	H01M8/04	FUEL CELL AND METHOD FOR STOPPING A FUEL CELL
EP2494645 A1 20120905	AIRBUS OPERATIONS GMBH [DE]	DE20091051212 20091029; US20090256015P 20091029; WO2010EP66034 20101025	H01M8/04; B01D53/26; B64D37/32; B64D41/00	FUEL CELL SYSTEM AND METHOD FOR DRYING EXHAUST GAS OF A FUEL CELL SYSTEM
EP2495792 A2 20120905	NGK INSULATORS LTD [JP]	JP20110045807 20110303; JP20110266374 20111206	H01M8/02; H01M8/12	Solid oxide fuel cell
EP2495793 A1 20120905	NISSAN MOTOR [JP]	JP20050374709 20051227; EP20060842273 20061226; JP20050374792 20051227	H01M8/04; H01M8/24	Fuel cell system
EP2496338 A1 20120912	ITM POWER RESEARCH LTD [GB]	WO2010GB51812 20101029; GB20100010210 20100617; GB20090019208 20091102	B01D67/00; H01M8/10	IONIC MEMBRANE PREPARATION
EP2497143 A1 20120912	BASF SE [DE]	WO2010EP06702 20101103; EP20090013926 20091106; EP20100773587 20101103	H01M8/10; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELLS WITH INCREASED PERFORMANCE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2497176 A2 20120912	BOSCH GMBH ROBERT [DE]	DE20091046305 20091103; WO2010EP63877 20100921	H02J1/08; H01M8/00; H01M10/46	LOW VOLTAGE POWER SUPPLY
EP2498328 A1 20120912	PANASONIC CORP [JP]	JP20090252611 20091104; WO2010JP06435 20101101	H01M8/04	FUEL CELL SYSTEM
EP2499692 A2 20120919	DAIMLER AG [DE]; FORD MOTOR CO [US]	US20090615671 20091110; WO2010EP06835 20101110	H01M8/10; B01D67/00; B01D71/06; C08J5/22	COMPOSITE PROTON CONDUCTING MEMBRANE WITH LOW DEGRADATION AND MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELLS
EP2501466 A1 20120926	NANO NOUVELLE PTY LTD [AU]	AU20100901022 20100311; WO2010AU01511 20101111; AU20100902509 20100608; AU20090905532 20091111	B01D67/00; B01D63/08; B01D69/06; H01M8/10	POROUS MATERIALS
EP2502296 A1 20120926	FORSCHUNGSZENTRUM JUELICH GMBH [DE]	EP20090014400 20091118; WO2010EP07002 20101117; EP20100784263 20101117	H01M4/86; H01M4/88; H01M8/12	ASSEMBLY FOR A FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF
EP2502301 A2 20120926	STICHTING WETSUS CT OF EXCELLENCE FOR SUSTAINABLE WATER TECHNOLOGY [NL]	NL20092003812 20091117; WO2010NL50764 20101117	H01M8/16; H01M8/22; H01M16/00	BIO-ELECTROCHEMICAL DEVICE AND METHOD FOR UPGRADING A FLUID

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2503629 A1 20120926	SUMITOMO CHEMICAL CO [JP]	JP20090260723 20091116; WO2010JP70646 20101115	H01M4/86; B01J31/22; C08G61/00; C08L101/00; H01M4/90; H01M8/02	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING SAME
EP2503630 A1 20120926	SIEMENS AG [DE]	EP20110159359 20110323	H01M8/02	Electrochemical cell
EP2503631 A1 20120926	UNIV DENMARK TECH DTU [DK]	EP20110002478 20110324	H01M8/12; B01D53/22; B01D67/00; B01D69/12; B01D71/02; C01B13/02; C04B35/44; C04B35/462; C04B35/486; C04B35/50; C04B35/64; C23C28/00; H01M4/88	Method for producing ceramic devices by sintering in a low pO <sub>2</sub> atmosphere and using sintering additives comprising a transition metal
EP2506351 A2 20121003	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG ELECTRO MECH [KR]	KR20110029847 20110331	H01M4/86; H01M4/90; H01M8/12	Material for solid oxide fuel cell, cathode including the material, and solid oxide fuel cell including the same
EP2506354 A1 20121003	JX NIPPON OIL & ENERGY CORP [JP]	JP20090266132 20091124; WO2010JP70774 20101122	H01M8/04; H01M8/06; H01M8/12	METHOD FOR STOPPING INDIRECT INTERNAL REFORMING TYPE SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2506355 A1 20121003	PANASONIC CORP [JP]	JP20100276952 20101213; JP20110268916 20111208; WO2011JP06920 20111212	H01M8/04; H01M8/10	POWER GENERATION SYSTEM AND OPERATING METHOD THEREFOR
EP2506356 A1 20121003	DELPHI TECH INC [US]	US201113074589 20110329	H01M8/04; H01M8/06	System for adding sulfur to a fuel cell stack system for improved fuel cell stability
EP2506357 A1 20121003	TOKUYAMA CORP [JP]	JP20060165503 20060615; EP20070737441 20070227; JP20070024660 20070202; JP20060354062 20061228; JP20060052227 20060228	H01M8/10; H01B1/12	Separation membrane for direct liquid fuel cell and method for producing same
EP2507861 A2 20121010	ENERFUEL INC [US]	US20100790701 20100528; US20090266468P 20091203; WO2010US58929 20101203	H01M8/06; B60L11/18; C01B3/02; H01M8/04; H01M8/10	HYBRID POWER PLANT SYSTEM FOR VEHICLES
EP2507864 A2 20121010	SPRUCE FUEL CELLS LLP [GB]	GB20090021045 20091201; WO2010GB52004 20101201	H01M12/06; H01M4/46; H01M8/04; H01M8/06; H01M16/00	ELECTRODE, FUEL CELL AND BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2509138 A1 20121010	SHINETSU CHEMICAL CO [JP]; MATSUGAKI CHEMICAL IND CO LTD [JP]	JP20110084067 20110405	H01M2/16; H01M2/14; H01M8/02; H01M10/04	Binder for separator of non-aqueous electrolyte battery comprising 2-cyanoethyl group-containing polymer and separator and battery using the same
EP2509708 A1 20121017	UNIV ST ANDREWS [GB]	GB20090021451 20091208; WO2010GB02194 20101129	B01D69/14; C08F259/08; C08J5/22; C08K3/32; C08K3/34; H01M8/02; H01M8/10	SILICON PHOSPHATE AND MEMBRANE COMPRISING THE SAME
EP2510572 A1 20121017	UNIV DUESSELDORF H HEINE [DE]	DE20091057130 20091208; WO2010EP68941 20101206	H01M8/04; G01N21/69	METHOD FOR MONITORING AND/OR REGULATING FUEL CELLS
EP2511974 A1 20121017	NGK INSULATORS LTD [JP]	JP20100283453 20101220; WO2011JP79181 20111216; JP20110202759 20110916	H01M4/86; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
EP2511975 A1 20121017	CENTRAL GLASS CO LTD [JP]	JP20100030779 20100216; JP20110025965 20110209; WO2011JP53091 20110215	H01M8/02; H01B1/06; H01M8/10	SOLID ELECTROLYTE FILM, AND METHOD FOR PRODUCING SAME
EP2513569 A2 20121024	SNECMA [FR]	FR20090059203 20091218; WO2010FR52681 20101213	F24H1/28; F23D14/02; F23L7/00; H01M8/06	HEAT EXCHANGER FOR HIGH TEMPERATURE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2514016 A2 20121024	KOLON INC [KR]	KR20100029105 20100331; KR20100056571 20100615; KR20110006305 20110121; WO2011KR02129 20110329	H01M8/04; F24F6/00; H01M8/10	HUMIDIFIER FOR FUEL CELL
EP2514017 A1 20121024	TEKNOLOGIAN TUTKIMUSKESKUS VTT [FI]	FI20090006338 20091216; WO2010FI51048 20101216	H01M8/16; H01M4/88; H01M4/90	A MULTILAYERED STRUCTURE
EP2515367 A1 20121024	PANASONIC CORP [JP]	JP20090282555 20091214; WO2010JP06906 20101126	H01M8/02; H01M8/10	POLYELECTROLYTE FUEL CELL, FUEL CELL STACK PROVIDED WITH SAME, FUEL CELL SYSTEM, AND OPERATION METHOD FOR FUEL CELL SYSTEM
EP2517295 A2 20121031	HONDA MOTOR CO LTD [JP]	WO2011JP55560 20110303; JP20100061027 20100317	H01M8/04; H01M8/00; H01M8/02; H01M8/12; H01M8/24	FUEL CELL
EP2517296 A1 20121031	ANSALDO ENERGIA SPA [IT]	IT2009MI02259 20091221; WO2010IB03315 20101221	H01M8/06; H01M8/14; H01M8/24	SYSTEM AND METHOD FOR SEPARATING CO2 FROM COMBUSTION EXHAUST GAS BY MEANS OF MCFC MULTISTACKS
EP2518013 A1 20121031	PANASONIC CORP [JP]	JP20100039700 20100225; JP20090294155 20091225; WO2010JP07521 20101224	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2518808 A1 20121031	NGK INSULATORS LTD [JP]	JP20090291870 20091224; WO2010JP71587 20101202	H01M8/02; H01M8/12	METHOD FOR PRODUCING SOLID OXIDE FUEL CELL AND METHOD FOR PRODUCING DIVIDED SOLID OXIDE FUEL CELL MOLDED PRODUCT
EP2518809 A1 20121031	KONICA MINOLTA HOLDINGS INC [JP]	JP20090292082 20091224; WO2010JP72207 20101210	H01M8/04; H01M8/00; H01M8/06	REACTION CONTAINER AND FUEL CELL SYSTEM EQUIPPED WITH SAME
EP2519988 A1 20121107	BIC SOC [FR]	US20090290448P 20091228; WO2010CA02025 20101223	H01M8/02	FUEL CELLS AND FUEL CELL COMPONENTS HAVING ASYMMETRIC ARCHITECTURE AND METHODS THEREOF
EP2519989 A1 20121107	BIC SOC [FR]	US20090290444P 20091228; WO2010CA02026 20101223	H01M8/02; H01M4/86	PERFORMANCE ENHANCING LAYERS FOR FUEL CELLS
EP2519992 A1 20121107	HONDA MOTOR CO LTD [JP]	JP20100058316 20100315; WO2011JP55561 20110303	H01M8/24; H01M8/02; H01M8/12	FUEL CELL
EP2519993 A2 20121107	HONDA MOTOR CO LTD [JP]	WO2011JP55564 20110303; JP20100058320 20100315	H01M8/24	FUEL CELL STACK
EP2521210 A2 20121107	HOWALDTSWERKE DEUTSCHE WERFT [DE]	DE201110100534 20110505	H01M8/06	Method for operating a reformer fuel cell assembly
EP2522046 A2 20121114	AVERY DENNISON CORP [US]	WO2011US20291 20110106; US20100293016P 20100107	H01M10/48; G01R31/36; H01M2/02; H01M6/50; H01M8/02	APPARATUS AND METHODS FOR DETERMINING POTENTIAL ENERGY STORED IN AN ELECTROCHEMICAL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2522623 A1 20121114	JX NIPPON OIL & ENERGY CORP [JP]	JP20100001208 20100106; JP20100066363 20100323; WO2010JP71922 20101207	C01B3/26; B01D53/22; B01J23/42; C07B61/00; C07C5/367; C07C15/04; C07C15/06; H01M8/00; H01M8/06	REACTOR FOR DEHYDROGENATION OF ORGANIC COMPOUND, HYDROGEN PRODUCTION APPARATUS, AND HYDROGEN PRODUCTION PROCESS
EP2522624 A1 20121114	PANASONIC CORP [JP]	JP20100000762 20100105; WO2010JP07196 20101210	C01B3/38; C01B3/48; H01M8/06	FUEL TREATMENT DEVICE
EP2522639 A2 20121114	CORNING INC [US]	EP20070754832 20070405; US20060402761 20060411; US20060546237 20061011	C03C8/24; C03C10/00; H01M8/02	Glass-ceramic seals for use in solid oxide fuel cells
EP2523243 A1 20121114	SUMITOMO CHEMICAL CO [JP]	JP20070061040 20070309; EP20080721747 20080310; JP20070084371 20070328	H01M4/90; H01M8/02; H01M8/10	Membrane-electrode assembly and fuel battery using the same
EP2523244 A1 20121114	PANASONIC CORP [JP]	JP20100000552 20100105; WO2010JP07548 20101227	H01M8/02; H01M8/10	ELECTRODE-MEMBRANE-FRAME ASSEMBLY, METHOD FOR PRODUCING SAME, AND FUEL CELL
EP2523245 A1 20121114	FOTEC FORSCHUNGS UND TECHNOLOGIETRANSFER GMBH [AT]	AT20110000643 20110509	H01M8/18; H01M8/04; H01M8/24	Method for operating a reversible fuel cell system with metal hydride storage, reversible fuel cell system and use of same



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2523898 A1 20121121	TOYOTA MOTOR CO LTD [JP]	JP20100005167 20100113; WO2011IB00226 20110111	C01B3/32; C01B3/38; H01M8/04	FUEL REFORMING SYSTEM AND CONTROL METHOD OF FUEL REFORMING SYSTEM
EP2524173 A1 20121121	FLAMCO BV [NL]	WO2011NL50017 20110111; NL20102004089 20100113	F24F1/00; F24F5/00; F24F12/00; F24H3/00; F28D1/02; H01M8/06	SYSTEM FOR EXTRACTING HEAT FROM OUTSIDE AIR
EP2525221 A1 20121121	MOCON INC [US]	US201113112123 20110520	G01N31/22; G01N21/27; G01N21/64; H01M2/10; H01M8/00	Calibration system and technique for photoluminescent oxygen sensors with zero point maintained with a metal-air battery
EP2525430 A1 20121121	SIEMENS AG [DE]	EP20110166699 20110519	H01M8/04	Moistening cell with woven support consisting of fluoropolymer
EP2525431 A2 20121121	ENCITE LLC [US]	EP20000993366 20001117; US19990449377 19991124	H01L21/02; H01M8/10; H01M4/86; H01M8/00; H01M8/02; H01M8/04; H01M8/24	Fuel cell and power chip technology
EP2526584 A1 20121128	CENTRE NAT RECH SCIENT [FR]	FR20100050361 20100120; WO2011FR50093 20110119	H01M4/86; H01M4/90; H01M8/16	ENZYMATIC MODIFICATIONS OF A CELLULAR MONOLITHIC CARBON AND USES THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2527046 A1 20121128	INTELLIGENT ENERGY INC [US]	US20030491636P 20030729; EP20040786143 20040729	B05D1/02; B01D53/22; B01D67/00; B01D69/10; B01D71/02; B01J19/24; B05D3/02; B05D3/04; B05D3/06; B05D5/00; C01B3/38; C01B3/50; C23C14/24; C23C14/32; H01M8/06	Thin hydrogen separation membrane
EP2527294 A1 20121128	ASAHI CHEMICAL CORP [JP]	EP20060810455 20060922; JP20050287773 20050930	C01B31/02; C01B21/06; C01B21/087; H01G9/058; H01M4/02; H01M4/58; H01M4/583; H01M4/587; H01M4/96; H01M8/02	Nitrogen-containing carbon material and method of producing the same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2527497 A1 20121128	MCALISTER TECHNOLOGIES LLC [US]	EP20100744270 20100217; US20090153253P 20090217; US20090237476P 20090827; US20100304403P 20100213; WO2010US24498 20100217	C25B11/02; C02F1/461; C25B13/02; H01M8/16	Apparatus and method for controlling nucleation during electrolysis
EP2528151 A1 20121128	EUROP UNION REPRESENTED BY THE EUROP COMMISSION [BE]	EP20110167086 20110523	H01M8/24; H01M8/02	Micro-tubular solid oxide fuel cell arrangement
EP2529444 A1 20121205	GIACOMINI SPA [IT]	IT2010CO00003 20100127; WO2010IB02214 20100903	H01M16/00; F23C10/00; H01M8/06; H01M8/18	HYDROGEN GENERATOR SYSTEM FOR A CATALYTIC HYDROGEN BURNER
EP2529445 A1 20121205	GIACOMINI SPA [IT]	IT2010CO00004 20100127; WO2010IB02212 20100903	F23C13/00; H01M8/06; H01M8/18; H01M16/00	MULTIPURPOSE HYDROGEN GENERATOR SYSTEM
EP2530773 A1 20121205	TOPPAN PRINTING CO LTD [JP]	JP20100050339 20100308; JP20100217811 20100928; WO2011JP50768 20110118	H01M8/02; H01M4/88; H01M8/10	APPARATUS FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY
EP2530775 A1 20121205	AISIN SEIKI [JP]; KYOCERA CORP [JP]	JP20110122477 20110531; JP20120123817 20120531	H01M8/04	Fuel cell system

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2532700 A1 20121212	MAX PLANCK GESELLSCHAFT [DE]	EP20110004590 20110606	C08G75/23; H01M8/10	Novel block copolymers comprising sulfonated poly(sulfones) with high ion-exchange capacity, high ion-conductivity and high stability
EP2534723 A2 20121219	C 3 INTERNATIONAL LLC [US]; UT BATTTELLE LLC [US]	US20100303003P 20100210; WO2011US24242 20110209	H01M8/12; B82B3/00; H01B1/08; H01M8/02	LOW TEMPERATURE ELECTROLYTES FOR SOLID OXIDE CELLS HAVING HIGH IONIC CONDUCTIVITY
EP2535328 A1 20121219	ASAHI KASEI E MATERIALS CORP [JP]; UNIV YAMAGUCHI [JP]	JP20100029396 20100212; WO2011JP52908 20110210	C07C317/22; C07D213/64; C09K3/00; H01M4/13; H01M4/131; H01M4/133; H01M4/137; H01M8/06; H01M10/052; H01M10/0565; H01M14/00	FLUOROALKANE DERIVATIVE, GELLING AGENT AND GEL COMPOSITION
EP2535972 A1 20121219	PANASONIC CORP [JP]	JP20100027554 20100210; WO2011JP00732 20110209	H01M8/02; H01M8/10	CATALYST-COATED MEMBRANE ASSEMBLY MANUFACTURING METHOD AND DEVICE
EP2535973 A1 20121219	PRATT & WHITNEY ROCKETDYNE INC [US]	US201113160193 20110614	H01M8/18; H01M8/04	System and method for operating a flow battery system at an elevated temperature
EP2538474 A2 20121226	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG ELECTRO MECH [KR]	KR20110060232 20110621	H01M4/86; H01M4/90; H01M8/12	Material for solid oxide fuel cell, cathode including the material, and solid oxide fuel cell including the material

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
EP2538479 A1 20121226	PANASONIC CORP [JP]	JP20100276953 20101213; WO2011JP06901 20111209	H01M8/04; F23J11/02; F23N3/08; H01M8/00; H01M8/06	POWER GENERATION SYSTEM AND OPERATING METHOD THEREFOR
EP2538480 A1 20121226	PIERBURG GMBH [DE]	DE201110105710 20110622	H01M8/04; F16K31/06	Recirculation assembly for recirculating anode waste gases of a fuel cell
EP2538481 A2 20121226	HONEYWELL INT INC [US]	US201113167405 20110623	H01M8/04; H01M8/06	Power generator having fuel cell and membrane conduits
EP2538482 A2 20121226	INTELLIGENT ENERGY LTD [GB]	GB20070018761 20070926; EP20080806410 20080925	H01M8/04	Fuel cell system
ES2384655T T3 20120710	JD HOLDING INC [KY]	US20070893929 20070817; WO2007US79444 20070925	H01M6/24; H01M8/18	Bater? electroqu?ica que incorpora distribuidores internos
ES2384713T T3 20120711	SIEMENS AG [DE]; SIEMENS AG [DE]	EP20050015554 20050718	H01M8/04; H01M8/06	Procedimiento para la eliminaci? de gas inerte y/o agua de un sistema de pilas de combustible
ES2385171 A1 20120719	HYNERGREEN TECHNOLOGIES S A [ES]	ES20100031928 20101223	H01M8/02; H01M8/04; H01M8/10	SISTEMA DE GENERACION DE CORRIENTE CONTINUA
ES2385322T T3 20120723	SHOWA DENKO KK [JP]	JP20010237949 20010806; WO2002JP08033 20020806; US20010316983P 20010905	C08K3/04; C08F279/02; C08J5/18; C08K3/38; C08L9/02; C08L9/06; C08L23/16; H01M8/02; H01M8/10	Composici? de resina curable conductora y separador para c?ula de combustible

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
ES2385471T T3 20120725	TOPSOE FUEL CELL AS [DK]; TOPSOE FUEL CELL AS [DK]	DK2000000170 20000202	H01M4/86; H01M8/12; H01M8/02; H01M8/06	Pila de combustible de ?idos s?idos
ES2385902T T3 20120802	TOPSOE FUEL CELL AS [DK]	DK20060000978 20060714	H01M8/24	Conjunto de compresi?, bloque de pilas de combustible de ?ido s?ido, un procedimiento para la compresi? del bloque de pilas de combustible de ?ido s?ido y su utilizaci?
ES2386421T T3 20120820	HONEYWELL INT INC [US]	US20000569897 20000512; WO2001US15184 20010510	H01M8/02	Nanocomposite para placa bipolar de celda de combustible
ES2386815T T3 20120831	COMMISSARIAT ENERGIE ATOMIQUE [FR]; PEUGEOT CITROEN AUTOMOBILES SA [FR]	FR20080003637 20080627; WO2009EP57385 20090615	H01M8/02; H01M8/04	Culata de distribuici? de una pila de combustible
ES2387005T T3 20120911	CERAM HYD [FR]	FR20070055287 20070528; WO2008FR50381 20080306	H01M8/10; C01B3/00; C04B35/583; C04B35/622; C08J5/22; H01B1/12; H01M2/16; H01M4/38; H01M4/92; H01M8/02; H01M8/06; H01M8/12	Procedimiento de activaci? de nitruro de boro

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
ES2387017T T3 20120911	HELMHOLTZ ZENT B MAT & ENERG [DE]; CONSEJO SUPERIOR INVESTIGACION	EP20100153537 20100212	B81C99/00	M?odo para fabricar un sello de pol?ero para la reproducci? de dispositivos que consten de microestructuras y nanoestructuras, un sello de pol?ero y un dispositivo correspondiente
ES2387062T T3 20120912	LILLIPUTIAN SYSTEMS INC [US]	US20030505547P 20030923; WO2004US31283 20040923	B01D71/02; B01D39/00; B01D67/00; B01D69/02; B01D69/10; C01B3/50; H01M8/12	Pila de combustible con membranas de pel?ula delgada resistente a las tensiones
ES2388610T T3 20121016	BIC SOC [FR]	US20040978949 20041101; WO2005US39267 20051031	F16L29/00; H01M8/04	V?vulas para cartucho de combustible
ES2390378T T3 20121112	VAILLANT GMBH [DE]	AT20070001398 20070907	B01D53/00; H01M8/06	Instalaci? de pilas de combustible con reformador
ES2390989T T3 20121120	HITACHI KOKI KK [JP]	JP20080038515 20080220; WO2008JP55812 20080319; JP20070072377 20070320	B25F5/02; B25H3/00; H01M2/10; H01M8/00; H01M8/04; H01M10/46	Herramienta el?trica inal?brica con bater? de celda de combustible y carcasa de alojamiento para la misma
ES2391242T T3 20121122	SIEMENS AG [DE]	EP20090166816 20090730	H01M8/04; H01M8/06; H01M8/24	Dispositivo de c?ulas de combustible con varias etapas en cascada
ES2391483T T3 20121127	VAILLANT GMBH [DE]	AT20070001180 20070725	H01M8/04	Dispositivos para aprovechar el calor de pilas de combustible
ES2391682T T3 20121128	TOPSOE FUEL CELL AS [DK]; TOPSOE FUEL CELL AS [DK]	DK20090000647 20090522	H01M8/04; H01M8/24	Procedimiento de funcionamiento de un conjunto modular de apilamiento de pilas de combustible conectadas en serie

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
ES2392046T T3 20121204	SIEMENS AG [DE]	EP20040018286 20040802	H01M8/24; H01M8/04	Procedimiento para hacer funcionar una instalaci? de pila de combustible dispuesta en un espacio de montaje y que se hace funcionar con gas de combusti? y con aire, as?como disposici? para llevar a cabo el procedimiento
ES2392726T T3 20121213	TRUMA GERAETETECHNIK GMBH & CO [DE]	EP20060008315 20060421	H01M16/00; H01M8/04	Sistema de alimentaci? de energ? el?trica, con un sistema de c?ulas de combustible y un reformador, y un convertidor de continua a continua
ES2393405T T3 20121221	BIC SOC [FR]	WO2006US38850 20061004; US20050243767 20051005	H01M8/04; B01D19/00	Cartucho de combustible para pilas de combustible
FR2971087 A1 20120803	MICHELIN SOC TECH [FR]; MICHELIN RECH TECH [CH]	FR20110050749 20110201	H01M8/04	BOUCLE DE RECYCLAGE POUR PILE A COMBUSTIBLE
FR2971088 A1 20120803	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110050825 20110202	H01M8/04; B60L11/18	SYSTEME DE REFROIDISSEMENT POUR PILE A COMBUSTIBLE
FR2971089 A1 20120803	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110050826 20110202	H01M8/04; B60L11/18	SYSTEME DE REFROIDISSEMENT POUR PILE A COMBUSTIBLE
FR2971090 A1 20120803	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110050827 20110202	H01M8/04; B60L11/18	PLAQUE COLLECTRICE DE COURANT POUR PILE A COMBUSTIBLE, COMPORTANT DES PERCAGES



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
FR2971091 A1 20120803	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110050828 20110202	H01M8/04; B60L11/18	Current collector plate for fuel cell for e.g. electric vehicle, has electrically conductive material coated along stacking axis of cells, where edges of current collector plate are tapered to obtain reduced thickness
FR2971092 A1 20120803	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110050829 20110202	H01M8/04; B60L11/18; H01M8/02	Fuel cell for use in electric generator to generate and deliver electric current in electric motor vehicle, has monopolar collector plate including central connection terminal for conduction of current toward external electrical cable
FR2971628 A1 20120817	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110051184 20110214	H01M8/04; H01M8/02	PILE A COMBUSTIBLE A MEMBRANE D'ECHANGE DE PROTONS PRESENTANT DES PERFORMANCES ACCRUES
FR2972726 A1 20120921	ERAS LABO [FR]	FR20110052120 20110315	C08G81/00; C08G75/23; C08J5/22; H01M8/02; H01M8/10	New polymer comprising polymer chains formed by repeating structural units, which comprise (hetero)aryl rings, useful as a cation exchange membrane or solid electrolyte in an electrochemical cell and a fuel cell
FR2973580 A1 20121005	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110052742 20110331	H01M8/02; H01M2/18	Proton exchange membrane fuel cell for motor vehicle, has anode and cathode fixed on two sides of membrane, where thickness of membrane at level of dioxygen inlet area is larger than thickness at level of water outlet area
FR2973951 A1 20121012	AIR LIQUIDE [FR]	FR20110052919 20110405	H01M8/04	Stack for elementary fuel cell, has heat exchanger forming wavy line in form of successive pulses that form support surfaces to form contact surfaces to support two plates on each side of heat exchanger

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FR2975173 A1 20121116	SNECMA [FR]	FR20110054112 20110512	F24H3/00; H01M8/04	Thermal energy generating installation for heating system used in e.g.
FR2976732 A1 20121221	PEUGEOT CITROEN AUTOMOBILES SA [FR]	FR20110055202 20110615	H01M8/02; B60L11/18; H01M8/04	Bipolar conductive plate for use between cells of fuel cell utilized for electric vehicle, has conductive surfaces provided in contact with cell, where value of conductivity between plate and cell is locally adjusted
FR2976733 A1 20121221	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110001849 20110616	H01M10/056; H01M8/02; H01M10/058	ELECTROLYTE SOLIDE POUR BATTERIE AU LITHIUM, COMPRENANT AU MOINS UNE ZONE EN MATERIAU VITROCERAMIQUE LITHIE ET PROCEDE DE REALISATION
FR2976736 A1 20121221	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20110001813 20110614	H01M10/0569; H01M8/02	ELECTROLYTE LIQUIDE POUR BATTERIE AU LITHIUM, COMPRENANT UN MELANGE QUATERNAIRE DE SOLVANTS ORGANIQUES NON AQUEUX.
FR2977082 A1 20121228	PEUGEOT CITROEN AUTOMOBILES SA [FR]	FR20110055437 20110621	H01M8/04	Bipolar conductive plate for interposing between cells of fuel cell in electric car, has complementary channel communicating at different locations by transverse passages with parallel portion of nearest channel of network
GB2487924 A 20120815	INTELLIGENT ENERGY LTD [GB]	GB20110002150 20110208	H02J7/00; H01M8/04; H01R13/66; H01R31/06; H02J7/02	Mains power adaptor incorporating a fuel cell
GB2488074 A 20120815	MICHIGAN MOLECULAR INST [US]	US20090285109P 20091209; WO2010US59369 20101208	H01M8/00; B01J31/00	Fuel cells with improved durability

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
GB2488385 A 20120829	INTELLIGENT ENERGY LTD [GB]	GB20110016457 20110923	H01M8/04	FUEL CELL SYSTEM
GB2490869 A 20121121	UNIV BIRMINGHAM [GB]	GB20110007672 20110509	C09D1/00; C04B35/634; C23C24/08; H01M4/86; H01M8/10; H01M8/12	Cathode ink
GB2491728 A 20121212	INTELLIGENT ENERGY LTD [GB]	GB20120012044 20070926	H01M8/04; F16K11/10; F16K15/18	Fuel cell system
GB2491982 A 20121219	ROLLS ROYCE CORP [US]	US201113163680 20110618	B64D41/00; B63H21/00; B64D33/00; H01M8/00; H02J9/00	Aircraft emergency power system incorporating a fuel cell
GB2492082 A 20121226	ACAL ENERGY LTD [GB]	GB20110010357 20110620	H01M8/18	Catholyte Regeneration
GB2492261 A 20121226	XERGY INC [US]	US20100305410P 20100217; US20100771620 20100430; US20100347428P 20100523; WO2011US25080 20110216	F25B21/00; C25B9/00; F04B37/00; H01M8/04	Electrochemical heat transfer system
GR1007776 B 20121207	VOURDOUMPAS IOANNIS STYLIANOU [GR]	GR20110100334 20110603	C12P7/06; H01M8/10	ELECTRIC AND THERMAL ENERGY GENERATION FROM CAROBS VIA FUEL CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
HK1063457 A1 20120720	INTELLIGENT ENERGY INC [US]	WO2002US12822 20020423; US20010286114P 20010423	B01J8/00; B01J19/24; C01B3/04; C01B3/24; C01B3/32; C01B3/38; C01B3/50; H01M8/06	HYDROGEN GENERATION APPARATUS AND METHOD FOR USING SAME
HK1077319 A1 20121221	TOPPAN FORMS CO LTD [JP]	WO2004JP00713 20040127; JP20030404884 20031203; JP20030381701 20031111; JP20030381700 20031111; JP20030380427 20031110; JP20030379628 20031110; JP20030364767 20031024; JP20030019120 20030128; JP20030404885 20031203	C08L65/00; C09D5/24; H01B1/12; H01M4/86; H01M4/88; H01M8/10	CONDUCTIVE POLYMER GEL AND PROCESS FOR PRODUCING THE SAME, ARTICLES AND CONDUCTIVE FUNCTIONAL MEMBERS, COMPRISING SUCH GEL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
HK1090593 A1 20120803	TEXACO DEVELOPMENT CORP [US]	WO2004US09783 20040330; US20030407401 20030404	B01J8/02; B01J8/04; B01J10/00; C01B3/38; C01B3/48; C01B3/56; F16F1/34; F28F19/00; H01M8/00; H01M8/04; H01M8/06; H01M8/12; H01M8/18	COOLANT SYSTEM FOR FUEL PROCESSOR
HU1100017 A2 20120828	NAGY JOZSEF [HU]; HEJJA LASZLO [HU]; SZALONTAI LAJOS [HU]; EGNER IBOLYA [HU]; MUELLER JOZSEF [HU]; VASS LAJOS [HU]; TOMBOR ANTAL DR [HU]	HU20110000017 20110114	B60S5/02; G21D7/00; H01M8/00	FUEL, INDUSTRIAL RAW MATERIAL PRODUCING AND STORAGE AND CHARGER STATIONS SMART MACRONETWORK FROM OPERATION NUCLEAR POWER AND RENEWABLE SOURCE
JP2012125718 A 20120705	TOYOTA MOTOR CORP	JP20100280354 20101216	B01J27/053; B01J33/00; H01M4/88	METHOD FOR MANUFACTURING CATALYST SUPPORT CARRIER
JP2012125737 A 20120705	TOYOTA MOTOR CORP	JP20100281608 20101217	B01J23/44	CATALYST ANALYSIS METHOD
JP2012125738 A 20120705	KURITA WATER IND LTD [JP]	JP20100281618 20101217	C02F1/469; B01D61/48; H01M8/04	PURE WATER PRODUCTION APPARATUS
JP2012126606 A 20120705	TOSHIBA FUEL CELL POWER SYS	JP20100279595 20101215	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND METHOD FOR PRETREATING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012127467 A 20120705	NAGOYA OIL CHEM CO LTD	JP20100281519 20101217	F17C1/16; B32B1/02; B32B5/00; F16J12/00; F17C1/04; F17C1/06	HIGH-PRESSURE GAS CONTAINER
JP2012127468 A 20120705	NAGOYA OIL CHEM CO LTD	JP20100281520 20101217	F17C1/16; B32B1/02; B32B5/00; F16J12/00; F17C1/04; F17C1/06	HIGH-PRESSURE GAS CONTAINER
JP2012128230 A 20120705	YAMAHA CORP	JP20100280219 20101216	G10K11/16	NOISE SUPPRESSOR FOR AIR INTRODUCTION PIPE
JP2012128615 A 20120705	PANASONIC CORP [JP]	JP20100278781 20101215	G06F1/26; F23K5/00	GAS EQUIPMENT
JP2012128946 A 20120705	PANASONIC CORP [JP]	JP20090097836 20090414	H01M4/88; B01J23/42; H01M4/86	METHOD FOR MANUFACTURING ELECTRODE FOR FUEL BATTERY
JP2012128988 A 20120705	NORITZ CORP	JP20100277549 20101213	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012128996 A 20120705	HITACHI LTD [JP]	JP20100277698 20101214	H01M8/02; H01M8/10	FUEL BATTERY
JP2012129000 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100277775 20101214	H01M8/04	METHOD FOR MEASURING MEMBRANE WATER CONTENT OF FUEL CELL STACK AND METHOD FOR CONTROLLING FUEL CELL STACK
JP2012129011 A 20120705	TOSHIBA FUEL CELL POWER SYS	JP20100278054 20101214	H01M8/02; H01M4/86; H01M4/90; H01M8/10	SOLID POLYMER ELECTROLYTE TYPE FUEL BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012129031 A 20120705	KONICA MINOLTA HOLDINGS INC [JP]	JP20100278656 20101214	H01M8/04; H01M8/06	SECONDARY BATTERY TYPE FUEL CELL SYSTEM
JP2012129034 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100278721 20101215	H01M8/02; H01M8/12	FUEL CELL
JP2012129035 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100278725 20101215	H01M8/02; H01M8/06; H01M8/12	FUEL CELL
JP2012129036 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100278726 20101215	H01M8/02; H01M8/06; H01M8/12; H01M8/24	FUEL CELL STACK
JP2012129037 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100278727 20101215	H01M8/02; H01M8/12; H01M8/24	FUEL CELL
JP2012129038 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100278730 20101215	H01M8/02; H01M8/12	FUEL CELL
JP2012129051 A 20120705	PANASONIC CORP [JP]	JP20100278986 20101215	H01M8/02; H01M4/88; H01M8/10	METHOD FOR PRODUCING MEMBRANE- CATALYST LAYER ASSEMBLY, AND SHAPE- RETAINING FILM
JP2012129060 A 20120705	NIPPON TELEGRAPH & TELEPHONE	JP20100279207 20101215	H01M8/02; H01M8/12	FLAT SOFC STACK
JP2012129069 A 20120705	TOYOTA MOTOR CORP; TOYOTA CENTRAL RES & DEV	JP20100279531 20101215	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012129072 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100279652 20101215	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND OPERATION METHOD THEREOF
JP2012129081 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100279977 20101216	H01M8/04; H01M8/00; H01M8/06; H01M8/10	OPERATIONAL METHOD OF FUEL CELL SYSTEM
JP2012129108 A 20120705	NISSAN MOTOR [JP]	JP20100280786 20101216	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012129134 A 20120705	NIPPON TELEGRAPH & TELEPHONE; SUMITOMO PRECISION PROD CO	JP20100281294 20101217	H01M8/24; H01M8/02; H01M8/12	FLAT PLATE TYPE SOLID OXIDE FUEL CELL STACK
JP2012129148 A 20120705	NGK SPARK PLUG CO [JP]	JP20100281798 20101217	H01M8/04	FUEL BATTERY
JP2012129165 A 20120705	MITSUBISHI HEAVY IND LTD	JP20100282258 20101217	H01M8/02; H01M8/12; H01M8/24	METHOD FOR FORMING SEAL CONFIGURATION COMPONENT AND METHOD FOR MANUFACTURING SOLID ELECTROLYTE FUEL CELL MODULE
JP2012129174 A 20120705	TOYO BOSEKI	JP20100282347 20101217	H01M8/02; C08G65/34; C08G65/48; H01B1/06; H01B13/00	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE AND POLYMER ELECTROLYTE MEMBRANE PRODUCED BY THE METHOD
JP2012129175 A 20120705	TOYO BOSEKI	JP20100282348 20101217	H01M8/02; C08G65/34; C08G65/48; H01B1/06; H01B13/00; H01M8/10	METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE AND POLYMER ELECTROLYTE MEMBRANE PRODUCED BY THE METHOD
JP2012129190 A 20120705	DAIHATSU MOTOR CO LTD	JP20100261203 20101124; JP20110209763 20110926	H01M4/90; H01M8/02; H01M8/06; H01M8/10	FUEL CELL
JP2012129191 A 20120705	DAIHATSU MOTOR CO LTD	JP20100261202 20101124; JP20110209764 20110926	H01M4/90; B01J23/76; H01M8/02; H01M8/06; H01M8/10	FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012129194 A 20120705	HONDA MOTOR CO LTD [JP]	JP20100259630 20101122; JP20110226780 20111014	H01M8/02	FUEL CELL
JP2012130892 A 20120712	SEKISUI CHEMICAL CO LTD	JP20100287219 20101224	C02F11/04; H01M8/06	MUD TREATMENT DEVICE AND MUD TREATMENT METHOD
JP2012131972 A 20120712	SUMITOMO CHEMICAL CO [JP]	JP20100192849 20100830; JP20100267374 20101130; JP20110185094 20110826	C08L101/00; B01J23/42; B01J31/22; B01J37/08; B01J37/34; C08K3/04; C08K5/56; H01M4/90; H01M8/10	POLYMER-COMPOSITE MODIFICATION PRODUCT
JP2012133465 A 20120712	PATOKKUSU JAPAN KK	JP20100283232 20101220	G05B17/02; F24H1/00; G05B13/02	SIMULATION METHOD OF ENERGY CONVERTER AND SIMULATION SYSTEM OF ENERGY CONVERTER
JP2012133892 A 20120712	HONDA MOTOR CO LTD [JP]	JP20100282379 20101217	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE TYPE FUEL BATTERY STACK
JP2012133893 A 20120712	NORITAKE CO LTD [JP]	JP20100282431 20101217	H01M4/88; H01M4/86; H01M8/12	COMPOSITE PARTICLE FOR FUEL ELECTRODE OF SOFC AND METHOD FOR PRODUCING COMPOSITE PARTICLE
JP2012133896 A 20120712	EQUOS RES CO LTD	JP20100282468 20101218	H01M4/88; H01M4/86; H01M8/10	MANUFACTURING APPARATUS FOR CATALYST LAYER FOR FUEL CELL
JP2012133910 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100282896 20101220	H01M8/04	FUEL CELL SYSTEM
JP2012133911 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100282913 20101220	H01M8/06; C02F1/42	FUEL CELL SYSTEM PURIFYING AGENT ACCOMMODATION DEVICE AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012133915 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100282961 20101220	H01M8/04; C01B3/38; H01M8/06	FUEL CELL SYSTEM
JP2012133916 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100282983 20101220	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012133917 A 20120712	TOYOTA MOTOR CORP; DU PONT [US]	JP20100283009 20101220	H01M4/86; H01M4/92; H01M8/10	CATHODE SIDE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012133930 A 20120712	TOYOTA MOTOR CORP	JP20100283436 20101220	H01M8/02; H01M4/86; H01M8/10	METHOD OF MANUFACTURING FUEL CELL
JP2012133961 A 20120712	KIKUSUI KAGAKU KOGYO KK	JP20100284071 20101221	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012133965 A 20120712	NISSAN MOTOR [JP]	JP20100284252 20101221	H01M8/24	FUEL CELL STACK
JP2012133970 A 20120712	EQUOS RES CO LTD	JP20100284295 20101221	H01M8/04	METHOD FOR ACTIVATING FUEL BATTERY
JP2012133977 A 20120712	EQUOS RES CO LTD	JP20100284390 20101221	H01M4/88	MANUFACTURING APPARATUS FOR ELECTRODE FOR FUEL CELL
JP2012133997 A 20120712	HONDA MOTOR CO LTD [JP]	JP20100284908 20101221	H01M8/04	FUEL CELL CROSS LEAKAGE DETERMINATION METHOD AND FUEL CELL SYSTEM
JP2012134031 A 20120712	AZBIL CORP	JP20100285611 20101222	H01M8/04; H01M8/12	FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2012134033 A 20120712	TOYOTA MOTOR CORP	JP20100285712 20101222	H01M8/02	FUEL BATTERY
JP2012134046 A 20120712	KYOCERA CORP [JP]	JP20100286106 20101222	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012134056 A 20120712	KANSAI ELECTRIC POWER CO [JP]	JP20100286255 20101222	H01M8/06; H01M8/04	FUEL BATTERY SYSTEM AND METHOD FOR OPERATING FUEL BATTERY SYSTEM
JP2012134057 A 20120712	KANSAI ELECTRIC POWER CO [JP]	JP20100286256 20101222	H01M8/06; H01M8/04	FUEL BATTERY SYSTEM AND METHOD FOR OPERATING FUEL BATTERY SYSTEM
JP2012134059 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100286315 20101222	H01M8/04	FUEL CELL SYSTEM
JP2012134060 A 20120712	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20100286325 20101222	H01M8/04	FUEL CELL SYSTEM
JP2012134066 A 20120712	HONDA MOTOR CO LTD [JP]	JP20100286633 20101222	H01M8/04	FUEL CELL SYSTEM
JP2012134067 A 20120712	HONDA MOTOR CO LTD [JP]	JP20100286634 20101222	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012134076 A 20120712	DENSO CORP [JP]	JP20100286818 20101223	H01M8/04	IMPEDANCE MEASURING INSTRUMENT FOR FUEL CELL
JP2012134094 A 20120712	DAINIPPON PRINTING CO LTD [JP]	JP20100287170 20101224	H01M8/02; H01M8/10	CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE WITH REINFORCEMENT MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY WITH REINFORCEMENT MEMBRANE, SOLID POLYMER FUEL CELL AND METHOD FOR MANUFACTURING THESE
JP2012134138 A 20120712	SUMITOMO CHEMICAL CO [JP]	JP20100270621 20101203; JP20110262114 20111130	H01M4/86; H01M4/88; H01M8/02; H01M8/10	CATALYST LAYER, LAMINATE, AND METHOD FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY
JP2012134147 A 20120712	PANASONIC CORP [JP]	US20100973149 20101220	H01M8/02	DIRECT OXIDATION FUEL CELL
JP2012134162 A 20120712	TOSHIBA FUEL CELL POWER SYS	JP20120022748 20120206	H01M8/04	FUEL CELL SYSTEM AND POWER GENERATION STOPPING METHOD THEREFOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012134166 A 20120712	NISSAN MOTOR [JP]	JP20120032429 20120217	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012134167 A 20120712	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20120033174 20120217	H01M8/06; H01M8/04	OPERATION METHOD OF FUEL CELL POWER GENERATION SYSTEM
JP2012134170 A 20120712	OSAKA GAS CO LTD [JP]	JP20120046871 20120302	H01M8/06; H01M8/04	FUEL CELL POWER GENERATION DEVICE
JP2012134180 A 20120712	KYOCERA CORP [JP]	JP20120083899 20120402	H01M8/24	FUEL CELL ASSEMBLY
JP2012134184 A 20120712	HONDA MOTOR CO LTD [JP]	JP20120088701 20120409	H01M8/02; H01M8/10	FUEL CELL
JP2012135134 A 20120712	TOKYO GAS CO LTD [JP]	JP20100285618 20101222	H02J3/38; H01M8/00	COGENERATION SYSTEM, COGENERATION CONTROL APPARATUS, COGENERATION CONTROL METHOD AND PROGRAM
JP2012136560 A 20120719	TOYOTA MOTOR CORP; AISIN SEIKI [JP]	JP20100287877 20101224	C10L3/10; B01D53/26; C01B3/38; H01M8/06	DESULFURIZATION SYSTEM, AND METHOD OF CONTROLLING THE SAME
JP2012138176 A 20120719	NISSAN MOTOR [JP]	JP20100287909 20101224	H01M8/04	FUEL CELL
JP2012138185 A 20120719	KYOCERA CORP [JP]	JP20100288120 20101224	H01M8/04; H01M8/06	HIGH TEMPERATURE OPERATION TYPE FUEL CELL SYSTEM
JP2012138186 A 20120719	KYOCERA CORP [JP]	JP20100288121 20101224	H01M8/04; H01M8/06; H01M8/12	HIGH TEMPERATURE OPERATION TYPE FUEL CELL SYSTEM
JP2012138224 A 20120719	HONDA MOTOR CO LTD [JP]	JP20100289074 20101227	H01M8/02; H01M8/06	FUEL CELL
JP2012138227 A 20120719	HITACHI LTD [JP]	JP20100289097 20101227	H01M4/86; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012138241 A 20120719	KAWASAKI HEAVY IND LTD [JP]	JP20100289386 20101227	H01M8/00; H01L31/04; H01M8/04	POWER FACILITY WITH REGENERATION TYPE FUEL CELL DEVICE
JP2012138256 A 20120719	AGC SEIMI CHEMICAL CO LTD	JP20100289689 20101227	H01M4/86; C01G51/00; H01M4/88; H01M8/12	AIR ELECTRODE MATERIAL POWDER FOR SOLID OXIDE TYPE FUEL BATTERY, AND METHOD OF MANUFACTURING THE SAME
JP2012138276 A 20120719	DAIHATSU MOTOR CO LTD	JP20100290289 20101227	H01M8/02; H01M8/10	FUEL CELL MANUFACTURING METHOD
JP2012138277 A 20120719	DAIHATSU MOTOR CO LTD	JP20100290290 20101227	H01M8/04	FUEL BATTERY INSPECTION METHOD AND FUEL BATTERY INSPECTION APPARATUS
JP2012138296 A 20120719	TOSHIBA FUEL CELL POWER SYS	JP20100290960 20101227	H01M8/04; H01M8/00	FUEL CELL POWER GENERATION SYSTEM
JP2012138297 A 20120719	TOSHIBA FUEL CELL POWER SYS	JP20100290961 20101227	H01M4/96; H01M4/88; H01M8/02; H01M8/10	SOLID POLYMER ELECTROLYTE FUEL BATTERY AND METHOD OF MANUFACTURING THE SAME
JP2012138361 A 20120719	KYOCERA CORP [JP]	JP20120029547 20120214	H01M8/06; H01M8/04	FUEL CELL DEVICE
JP2012138371 A 20120719	DAINIPPON PRINTING CO LTD [JP]	JP20050198031 20050706; JP20050044794 20050221; JP20120058535 20120315	H01M8/02; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING SOLID OXIDE FUEL CELL
JP2012138988 A 20120719	NORITZ CORP	JP20100287982 20101224	H02J3/38; H01M8/00; H01M8/04; H02J7/00; H02J7/35	POWER GENERATION SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012139624 A 20120726	FUJIFILM CORP	JP20100292904 20101228	B01D69/12; B01D71/36	CRYSTALLINE POLYMER MICROPOROUS FILM, METHOD OF MANUFACTURING THE SAME, AND FILTRATION FILTER
JP2012139682 A 20120726	DAINIPPON PRINTING CO LTD [JP]	JP20120010814 20120123	B05C9/12; B05C5/02; B05D1/26; H01M4/88	APPARATUS AND METHOD FOR COATING
JP2012142112 A 20120726	KYOCERA CORP [JP]	JP20100292569 20101228	H01M8/06; H01M8/04	FUEL CELL DEVICE
JP2012142145 A 20120726	HITACHI MAXELL ENERGY LTD	JP20100293054 20101228	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012142151 A 20120726	EQUOS RES CO LTD	JP20100293136 20101228	H01M4/88; H01M8/10	PRODUCTION APPARATUS OF CATALYST PASTE AND PRODUCTION METHOD OF CATALYST PASTE
JP2012142178 A 20120726	SEIKO INSTR INC [JP]	JP20100293727 20101228	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND GAS DISCHARGE METHOD
JP2012142179 A 20120726	EAGLE IND CO LTD	JP20100293734 20101228	H01M8/04; F16J3/04; F16J15/52; F16K17/30; G05D16/06	FUEL CELL SYSTEM DECOMPRESSION DEVICE AND BELLOWS USED THEREIN
JP2012142186 A 20120726	JFE STEEL CORP [JP]	JP20100294088 20101228	H01M8/02; C22C38/00; C22C38/18; C23C2/08; H01M8/10	STAINLESS STEEL FOR SOLID POLYMER FUEL CELL SEPARATOR AND METHOD FOR MANUFACTURING THE SAME
JP2012142190 A 20120726	MITSUBISHI HEAVY IND LTD	JP20100294249 20101228	H01M8/04; H01M8/12	METHOD FOR STARTING SOLID OXIDE FUEL CELL
JP2012142191 A 20120726	MITSUBISHI HEAVY IND LTD	JP20100294250 20101228	H01M8/04; H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY OPERATING STATE MONITORING METHOD AND SOLID OXIDE FUEL BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012142213 A 20120726	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20110000327 20110105	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND TESTING METHOD THEREOF
JP2012142217 A 20120726	TOTO LTD [JP]	JP20110000482 20110105	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
JP2012142225 A 20120726	KYOCERA CORP [JP]	JP20110000615 20110105	H01M8/06; H01M8/04	FUEL CELL DEVICE
JP2012142241 A 20120726	NIPPON TELEGRAPH & TELEPHONE	JP20110001056 20110106	H01M8/02; H01M8/12	METHOD FOR MANUFACTURING SINGLE CELL FOR SOLID OXIDE FUEL CELL
JP2012142243 A 20120726	NIPPON TELEGRAPH & TELEPHONE	JP20110001171 20110106	H01M8/02; H01M8/12	GAS SEALING MATERIAL
JP2012142250 A 20120726	UNIV TOKYO [JP]	JP20110001295 20110106	H01M8/16	MICROBIAL FUEL CELL
JP2012142274 A 20120726	ASSOC RECH DEV M P IND	FR20100060705 20101217	H01M8/02; C04B35/50; H01M8/12	FUEL CELL COMPRISING MONOLITHIC ELECTROLYTE MEMBRANE ASSEMBLY
JP2012142284 A 20120726	CLEAREGE POWER INC [US]	US201061427721P 20101228	H01M8/02; H01M8/24	REDUCTION OF ELECTROLYTE LOSS IN PEM FUEL CELL
JP2012142291 A 20120726	HONEYWELL INT INC [US]	US20040891380 20040714	H01M8/04; H01M8/06	METHOD OF GENERATING ELECTRICITY
JP2012142300 A 20120726	NISSAN MOTOR [JP]	JP20120062112 20120319	H01M8/04; H01M8/24	FUEL CELL SYSTEM
JP2012143692 A 20120802	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110002893 20110111	B01J19/24; B01D53/86; H01M8/02; H01M8/04; H01M8/06	GAS DECOMPOSITION APPARATUS AND POWER GENERATING DEVICE
JP2012143693 A 20120802	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110002898 20110111	B01D53/32; B01D53/58; B01J19/08	GAS DECOMPOSITION APPARATUS, AND POWER GENERATING DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012143715 A 20120802	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110004659 20110113	B01D53/32; B01D53/58; B01J19/00; H01M8/00; H01M8/02; H01M8/04	GAS DECOMPOSITION APPARATUS AND POWER GENERATING DEVICE
JP2012143746 A 20120802	PALO ALTO RES CT INC	US20100972370 20101217	B05C5/02; B29C47/06; H01M4/04	INTERDIGITATED FINGER COEXTRUSION
JP2012143747 A 20120802	TOSOH CORP	JP20100283791 20101220; JP20110274394 20111215	B01J20/18; B01D53/02; C01B39/46	CYCLOHEXENE ADSORBING AGENT
JP2012144291 A 20120802	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110005767 20110114	B65D47/06; B65D51/16; B65D51/26; C02F1/00; C02F1/28; C02F1/42; H01M8/04; H01M8/06	WATER STORAGE CONTAINER AND FUEL CELL SYSTEM
JP2012144421 A 20120802	MEIJO UNIV	JP20100284762 20101221; JP20110163193 20110726	C01B31/02; H01B7/00	GRAPHENE WIRING STRUCTURE
JP2012144650 A 20120802	ASAHI KASEI E MATERIALS CORP [JP]	JP20110004363 20110112	C08J9/26; C08K3/22; C08L23/00; H01G9/02; H01M2/16	POLYOLEFIN MICROPOROUS FILM
JP2012146415 A 20120802	NORITAKE CO LTD [JP]	JP20110002157 20110107	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012146438 A 20120802	TOYOTA MOTOR CORP	JP20110002933 20110111	H01M4/88; B01J23/42; H01M4/86; H01M8/10	CATALYST ELECTRODE LAYER, MEMBRANE ELECTRODE ASSEMBLY AND FUEL BATTERY CELL
JP2012146459 A 20120802	TOSHIBA CORP	JP20110003248 20110111	H01M8/02; C25B9/16; H01M4/86; H01M4/90; H01M8/12	SOLID OXIDE ELECTROCHEMICAL CELL AND METHOD OF MANUFACTURING THE SAME
JP2012146469 A 20120802	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110003464 20110111	H01M8/18; H01M8/02; H01M8/04	REDOX FLOW BATTERY, REDOX FLOW BATTERY CELL, AND CELL STACK FOR REDOX FLOW BATTERY
JP2012146498 A 20120802	KIKUSUI KAGAKU KOGYO KK	JP20110003732 20110112	H01M8/02; H01M4/86; H01M8/12	SINGLE CELL FOR DIRECT FLAME TYPE FUEL CELL
JP2012146525 A 20120802	HONDA MOTOR CO LTD [JP]	JP20110004162 20110112	H01M8/04	CURRENT DENSITY DISTRIBUTION MEASUREMENT DEVICE OF FUEL CELL
JP2012146579 A 20120802	NORITAKE CO LTD [JP]	JP20110005318 20110113	H01M4/86; H01M4/88; H01M8/12	MATERIAL FOR ANODE SUPPORT, AND METHOD FOR MANUFACTURING ANODE SUPPORT
JP2012146598 A 20120802	PANASONIC CORP [JP]	JP20110005760 20110114	H01M8/04	FUEL CELL SYSTEM
JP2012146616 A 20120802	PLASMA ION ASSIST CO LTD; WATANABE MASANORI	JP20110017202 20110112	H01M8/02	FUEL CELL SEPARATOR AND METHOD FOR PRODUCING THE SAME
JP2012146619 A 20120802	EQUOS RES CO LTD	JP20100288034 20101224; JP20110036315 20110222	H01M4/88; H01B13/00	POLYMER ELECTROLYTE SOLUTION MANUFACTURING METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012146627 A 20120802	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20100175640 20100804; JP20100286349 20101222; JP20110160796 20110722	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR MANUFACTURING THE SAME
JP2012146670 A 20120802	SHOWA DENKO KK [JP]	JP20100160638 20100715; JP20120051662 20120308	H01M4/90; B01J23/42; B01J27/24; B01J37/00; B01J37/04; B01J37/08; H01M8/10	CATALYST FOR FUEL CELL, AND USES THEREFOR
JP2012146671 A 20120802	NIPPON TELEGRAPH & TELEPHONE	JP20120054552 20120312	H01M4/86; C04B35/00; C04B35/50; H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2012146674 A 20120802	TOYOTA MOTOR CORP	JP20120061170 20120316	H01M8/02	ELECTROLYTE MEMBRANE, AND FUEL CELL COMPRISING THE SAME
JP2012146679 A 20120802	TOYOTA MOTOR CORP	JP20120073991 20120328	H01M8/02	METHOD OF TAKING OUT FUEL CELL CEILING PLATE AND FUEL CELL CEILING PLATE
JP2012147697 A 20120809	SAGAMI CHEMICAL RES INST	JP20110007397 20110118	C12N1/20; H01M8/16	MICROORGANISM AND MICROORGANISM BATTERY USING THE SAME
JP2012148521 A 20120809	TOYOTA MOTOR CORP	JP20110010134 20110120	B29C70/06; B29C70/16; F17C1/06	METHOD AND APPARATUS FOR MANUFACTURING TANK
JP2012148916 A 20120809	OSAKA GAS CO LTD [JP]	JP20110008149 20110118	C01B3/38	REFORMING UNIT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012148969 A 20120809	NICHIAS CORP	JP20120034214 20120220	C01B3/38; F16L59/04; H01M8/04; H01M8/06	METHOD OF PRODUCING HEAT INSULATING MATERIAL FOR REFORMER
JP2012148972 A 20120809	KYOCERA CORP [JP]	JP20050370934 20051222; JP20120058804 20120315	C01B3/34; H01M8/04; H01M8/06	REFORMING APPARATUS
JP2012149259 A 20120809	HAERING THOMAS [DE]; HAERING RIMA [DE]	DE1999119881 19990430	B01D53/22; C08L101/02; B01D61/02; B01D61/14; B01D61/24; B01D61/36; B01D69/12; B01D69/14; B01D71/00; B01D71/02; B01D71/30; B01D71/52; B01D71/62; B01D71/66; B01D71/68; B01D71/76; B01D71/82; B01J21/16; B01J31/06; B01J31/10; B01J35/06; C01B33/38; C01B33/44; C	COMPOSITE AND COMPOSITE MEMBRANE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012149314 A 20120809	JFE STEEL CORP [JP]	JP20110009747 20110120	C23C26/00; H01M8/02; H01M8/10	METAL PLATE FOR POLYMER ELECTROLYTE FUEL CELL SEPARATOR AND METHOD FOR PRODUCING THE SAME
JP2012150077 A 20120809	HONDA MOTOR CO LTD [JP]	JP20110010634 20110121	G01M3/20; B60K8/00; H01M8/00; H01M8/04	HYDROGEN-FUELED VEHICLE
JP2012150885 A 20120809	TOYOTA BOSHOKU CORP	JP20110006367 20110114	H01M8/02; H01M8/10	FUEL CELL
JP2012150889 A 20120809	NORITAKE CO LTD [JP]	JP20110006451 20110114	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD FOR THE SAME
JP2012150931 A 20120809	TOYOTA MOTOR CORP	JP20110007409 20110118	H01M8/02; H01B13/00; H01M8/04; H01M8/10	METHOD FOR PRODUCING ELECTROLYTE MEMBRANE FOR FUEL CELL
JP2012150945 A 20120809	TOTO LTD [JP]	JP20110007686 20110118	H01M8/06; C01B3/38; H01M8/04	FUEL CELL DEVICE
JP2012150949 A 20120809	NIPPON TELEGRAPH & TELEPHONE	JP20110007763 20110118	H01M4/86; C01F17/00; H01M8/02; H01M8/12	AIR ELECTRODE MATERIAL FOR SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL
JP2012150957 A 20120809	TOSHIBA CORP	JP20110008000 20110118	H01M8/24; H01M8/02; H01M8/10	FUEL CELL
JP2012150961 A 20120809	TOSHIBA FUEL CELL POWER SYS	JP20110008145 20110118	H01M8/24; H01M8/02	FUEL CELL
JP2012150964 A 20120809	SHINETSU POLYMER CO	JP20110008237 20110118	H01M8/02; H01M8/04; H01M8/10	SEPARATOR AND MANUFACTURING METHOD OF THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012150984 A 20120809	DAIWA CAN CO LTD	JP20110008786 20110119	H01M8/04	FUEL CELL CARTRIDGE
JP2012150988 A 20120809	TOKYO GAS CO LTD [JP]	JP20110008878 20110119	H01M8/06; H01M4/86; H01M8/12; H01M8/24	SYSTEM FOR SEPARATING/RECOVERING CO2 FROM SOLID OXIDE FUEL BATTERY AND OPERATION METHOD THEREOF
JP2012150990 A 20120809	HONDA MOTOR CO LTD [JP]	JP20110008900 20110119	H01M8/24; B60K1/04; B60K8/00; H01M8/00; H01M8/04	FUEL CELL STACK AND LOAD CONTROLLING METHOD THEREOF
JP2012151014 A 20120809	SHIMADZU CORP	JP20110009459 20110120	H01M8/04; G01N21/78	OXYGEN CONCENTRATION MEASUREMENT DEVICE
JP2012151031 A 20120809	NOK CORP	JP20110009833 20110120	H01M8/02; F16J15/10	GASKET FOR FUEL CELL BATTERY
JP2012151054 A 20120809	PANASONIC CORP [JP]	JP20110010386 20110121	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012151062 A 20120809	HONDA MOTOR CO LTD [JP]	JP20110010637 20110121	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2012151082 A 20120809	TOTO LTD [JP]	JP20100289292 20101227; JP20110079285 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2012151117 A 20120809	BIC SOC [FR]	US20040913715 20040806	H01M8/04	FUEL SUPPLY FOR FUEL CELL
JP2012151125 A 20120809	TOYOTA MOTOR CORP	JP20040295955 20041008; JP20120083778 20120402	H01M8/04	FUEL CELL SYSTEM AND GAS LEAKAGE DETECTION METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012151130 A 20120809	SONY CORP [JP]	JP20020217802 20020726; JP20120110163 20120514	H01M4/90; H01M8/00; H01M8/16	FUEL BATTERY
JP2012151135 A 20120809	SHOWA DENKO KK [JP]	JP20090294869 20091225; JP20120112374 20120516	H01M4/88; H01M4/90; H01M8/10	INK, CATALYST LAYER FOR FUEL CELL FORMED USING INK, AND USAGE OF THE SAME
JP2012152080 A 20120809	HONDA MOTOR CO LTD [JP]	JP20110010585 20110121	B60L11/18; H01M8/00; H01M8/04; H02M3/155	POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE
JP2012152740 A 20120816	ORGANO KK	JP20120065486 20120322	C02F1/469; B01D61/48; H01M8/06	ELECTRIC DEIONIZED WATER PRODUCING APPARATUS, AND METHOD OF PRODUCING DEIONIZED WATER
JP2012153374 A 20120816	MITSUBISHI MOTORS CORP; SAIDETSUKU KK	JP20110011632 20110124	B65D77/26; B65D81/113; B65D85/68; H01M8/04	PACKAGING AND TRANSPORTING DEVICE OF FUEL CELL
JP2012153535 A 20120816	PANASONIC CORP [JP]	JP20110011021 20110121	C01B3/38; H01M8/06	HYDROGEN GENERATING DEVICE, AND FUEL CELL SYSTEM PROVIDED WITH HYDROGEN GENERATOR
JP2012153800 A 20120816	NITTO DENKO CORP [JP]	JP20110014129 20110126	C08K5/3475; C08K3/04; C08K3/08; C08L101/00; H05K3/28	PASTE COMPOSITION, AND WIRING CIRCUIT BOARD
JP2012153965 A 20120816	HONDA MOTOR CO LTD [JP]	JP20110016325 20110128	C25B1/12; C25B15/02	METHOD FOR OPERATING HIGH PRESSURE WATER ELECTROLYSIS APPARATUS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012154554 A 20120816	NORITZ CORP	JP20110013509 20110125	F24H1/00; F24H9/00; H01M8/04	COGENERATION SYSTEM
JP2012155862 A 20120816	NORITAKE CO LTD [JP]	JP20110011364 20110121	H01M4/96; H01M4/88; H01M8/10	GAS DIFFUSION LAYER OF SOLID POLYMER FUEL CELL, FILM-ELECTRODE ASSEMBLY INCLUDING THE GAS DIFFUSION LAYER, MANUFACTURING METHOD FOR THE GAS DIFFUSION LAYER AND SLURRY USED IN MANUFACTURING THE GAS DIFFUSION LAYER
JP2012155865 A 20120816	AISIN SEIKI [JP]	JP20110011436 20110121	H01M8/02; H01M8/04	FUEL BATTERY PHOSPHORIC ACID REPLENISHMENT CONTROL SYSTEM, FUEL BATTERY AND FUEL BATTERY PHOSPHORIC ACID REPLENISHMENT CONTROL METHOD
JP2012155869 A 20120816	NISSAN MOTOR [JP]	JP20110011521 20110124	H01M4/88; H01M4/86; H01M8/12	METHOD OF MANUFACTURING SOLID OXIDE FUEL BATTERY
JP2012155931 A 20120816	NIPPON SIGNAL CO LTD	JP20110012650 20110125	H01M8/02; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL
JP2012155932 A 20120816	NGK SPARK PLUG CO [JP]	JP20110012664 20110125	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012155942 A 20120816	PANASONIC CORP [JP]	JP20110012883 20110125	H01M8/02	FUEL CELL SEPARATOR, METHOD FOR PRODUCING FUEL CELL SEPARATOR, AND FUEL CELL
JP2012155978 A 20120816	NORITZ CORP	JP20110013507 20110125	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012155979 A 20120816	NORITZ CORP	JP20110013508 20110125	H01M8/04; H01M8/06	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012155982 A 20120816	TOYOTA MOTOR CORP	JP20110013591 20110126	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2012156005 A 20120816	TOYOTA MOTOR CORP	JP20110014217 20110126	H01M8/04; B60K1/04; B60K8/00; F16K51/00; H01M8/00	FUEL CELL SYSTEM
JP2012156007 A 20120816	TOTO LTD [JP]	JP20110014255 20110126	H01M8/02; H01M8/12	SOLID ELECTROLYTE FUEL CELL
JP2012156030 A 20120816	HONDA MOTOR CO LTD [JP]	JP20110014754 20110127	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
JP2012156033 A 20120816	TOYOTA MOTOR CORP	JP20110014814 20110127	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012156039 A 20120816	PANASONIC CORP [JP]	JP20110014946 20110127	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012156040 A 20120816	PANASONIC CORP [JP]	JP20110014947 20110127	H01M8/04; F24H1/00; F24J2/00; H01L31/042; H01M8/00	HYBRID POWER GENERATING SYSTEM
JP2012156058 A 20120816	KYOCERA CORP [JP]	JP20110015425 20110127	H01M8/02	CELL STACK AND FUEL BATTERY MODULE
JP2012156060 A 20120816	TOTO LTD [JP]	JP20110015517 20110127	H01M8/04; H01M8/12	SOLID ELECTROLYTE FUEL CELL DEVICE
JP2012156065 A 20120816	TOTO LTD [JP]	JP20110015607 20110127	H01M8/04; H01M8/12	SOLID ELECTROLYTE FUEL CELL DEVICE
JP2012156085 A 20120816	PANASONIC CORP [JP]	JP20110016033 20110128	H01M8/04; H01M8/06	FUEL BATTERY SYSTEM AND METHOD OF STARTING THE SAME
JP2012156097 A 20120816	mitsubishi materials corp; KANSAI ELECTRIC POWER CO [JP]	JP20110016400 20110128	H01M4/86; H01M8/12	FUEL ELECTRODE OF POWER GENERATION CELL OF SOLID OXIDE FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012156098 A 20120816	MITSUBISHI MATERIALS CORP; KANSAI ELECTRIC POWER CO [JP]	JP20110016401 20110128	H01M4/86; H01M8/12	FUEL ELECTRODE STRUCTURE OF POWER GENERATION CELL IN SOLID OXIDE FUEL CELL
JP2012156099 A 20120816	MITSUBISHI MATERIALS CORP; KANSAI ELECTRIC POWER CO [JP]	JP20110016402 20110128	H01M4/86; H01M8/12	FUEL ELECTRODE OF FUEL BATTERY CELL
JP2012156105 A 20120816	UNIV OF SCIENCE TOKYO	JP20110016664 20110128	H01M8/02	FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012156107 A 20120816	KYOCERA CORP [JP]	JP20110016741 20110128	H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY CELL
JP2012156137 A 20120816	BIC SOC [FR]	US20040843638 20040511	H01M8/04; H01M8/06; H01M8/10	CARTRIDGE WITH FUEL SUPPLY AND MEMBRANE ELECTRODE ASSEMBLY STACK
JP2012156144 A 20120816	TOYOTA MOTOR CORP	JP20120089526 20120410	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012156145 A 20120816	NGK SPARK PLUG CO [JP]	JP20120092224 20120413	H01M8/04	CONTROL METHOD OF FUEL BATTERY SYSTEM
JP2012156147 A 20120816	GORE ENTERPRISE HOLDINGS INC [US]	US20050055993 20050211	H01M8/04; H01M4/92; H01M8/02; H01M8/10	METHOD FOR REDUCING DETERIORATION OF FUEL CELL
JP2012157811 A 20120823	DAIHATSU MOTOR CO LTD; HOKKO CHEM IND CO	JP20110018705 20110131	B01J31/22; H01M4/88; H01M4/90; H01M8/02	OXYGEN REDUCTION CATALYST AND FUEL CELL
JP2012157832 A 20120823	TOYOTA MOTOR CORP	JP20110020128 20110201	B01J23/44; B01J37/04; H01M4/86; H01M4/88	METHOD FOR PRODUCING CATALYTIC COMPOSITE
JP2012157846 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110021366 20110203	B01D53/32; B01D53/58; H01M8/02; H01M8/12	GAS DECOMPOSING APPARATUS AND POWER GENERATOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012157847 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110021374 20110203	B01D53/32; B01D53/58; H01M8/02; H01M8/12	GAS DECOMPOSING APPARATUS, AND POWER GENERATOR
JP2012157848 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110021382 20110203	B01D53/32; B01D53/58; C25B1/02	GAS DECOMPOSING APPARATUS, POWER GENERATOR, AND METHOD OF DECOMPOSING GAS
JP2012157852 A 20120823	HAYASHI KAZUHIRO	JP20110032589 20110131	C02F1/50; B63B13/00; B63B59/04; C02F1/46; H01M6/34; H01M8/00; H01M8/04	ELECTRODE PURIFICATION BODY FOR STERILIZING LIVING THINGS AND BACTERIA OF BALLAST WATER OF SHIPS, STERILIZING BIOLOGICAL COMMUNITY STUCK TO SHIP BODY AND PREVENTING STICKING WITH ELECTRODE POTENTIAL DIFFERENCE AS MOTIVE POWER FOR CAUSING ELECTROCHEMICAL R
JP2012157863 A 20120823	UMICORE AG & CO KG [DE]	US20040977579 20041029	B01J23/46; B01D53/94; B01J23/52; B01J23/89; B01J37/02; B01J37/08; H01M4/88; H01M4/90	METHOD FOR MANUFACTURING OF NOBLE METAL ALLOY CATALYST AND CATALYST PREPARED THEREWITH
JP2012158480 A 20120823	KONICA MINOLTA HOLDINGS INC [JP]	JP20110017281 20110128	C01B3/08; C01B3/10; H01M8/06	HYDROGEN GENERATING AGENT AND FUEL CELL SYSTEM PROVIDED WITH THE SAME
JP2012158489 A 20120823	PANASONIC CORP [JP]	JP20110018779 20110131	C01B3/38; H01M8/06	HYDROGEN GENERATING DEVICE AND OPERATION METHOD OF FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012158499 A 20120823	FC KAIHATSU KK	JP20110020070 20110201	C01B5/00; C01B3/02; C01B4/00; C25B1/04; H01M8/00; H01M8/04; H01M8/06	METHOD AND APPARATUS FOR PRODUCING DEUTERIUM-DEPLETED WATER
JP2012158725 A 20120823	TOYOTA CENTRAL RES & DEV; NITTO DENKO CORP [JP]	JP20110021234 20110202	C08G75/30	PREPOLYMER AND PREPOLYMER SOLUTION, AND CATALYST LAYER
JP2012158726 A 20120823	TOYOTA CENTRAL RES & DEV; NITTO DENKO CORP [JP]	JP20110021235 20110202	C08J5/22; H01B1/06; H01B13/00; H01M8/02	SOLID POLYMER ELECTROLYTE MEMBRANE AND METHOD FOR MANUFACTURING THE SAME
JP2012159031 A 20120823	ELECTRIC POWER DEV CO	JP20110018786 20110131	F02C6/00; F02C3/22; F02C3/28; H01M8/00; H01M8/04; H01M8/12	POWER GENERATION SYSTEM UTILIZING GASIFICATION FURNACE GAS
JP2012159243 A 20120823	TOKYO GAS CO LTD [JP]	JP20110019618 20110201	F24H1/00; H01M8/00; H01M8/04	HEAT ACCOMMODATION CONTROL METHOD
JP2012159274 A 20120823	PANASONIC CORP [JP]	JP20110021329 20110203	F23R3/00; F23L17/16; F23N5/24; F23R3/26; H01M8/04	ELECTRIC POWER GENERATION SYSTEM, AND METHOD FOR OPERATING THE SAME
JP2012159372 A 20120823	DAIHATSU MOTOR CO LTD	JP20110018676 20110131	G01M3/20; G01M3/06; H01M8/02; H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012160296 A 20120823	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20110018260 20110131	H01M8/04; H01M8/06	BATTERY POWER GENERATION SYSTEM, AND DEVICE USING GASEOUS FUEL
JP2012160299 A 20120823	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110018353 20110131	H01M8/04; H01M8/00	FUEL CELL SYSTEM PIPING STRUCTURE
JP2012160300 A 20120823	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110018362 20110131	H01M8/04	FUEL CELL SYSTEM
JP2012160302 A 20120823	AISIN SEIKI [JP]; TOYOTA MOTOR CORP; KYOCERA CORP [JP]	JP20110018377 20110131	H01M8/04; H01M8/10	FUEL CELL SYSTEM
JP2012160329 A 20120823	PANASONIC CORP [JP]	JP20110018853 20110131	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND OPERATION METHOD OF THE SAME
JP2012160336 A 20120823	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20110019053 20110131	H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING THE SAME
JP2012160344 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110019203 20110131	H01M8/18; H01M8/04	TANK OF ELECTROLYTE CIRCULATION BATTERY, AND ELECTROLYTE CIRCULATION BATTERY
JP2012160367 A 20120823	DENSO CORP [JP]; NIPPON SOKEN	JP20110019756 20110201	H01M4/86; H01M8/02	FUEL CELL STACK, AND FUEL CELL SYSTEM
JP2012160382 A 20120823	UNIV FUKUI; EYETEC CO LTD	JP20110020251 20110201	H01M8/02	SEPARATOR FOR FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012160406 A 20120823	SHINETSU POLYMER CO	JP20110021138 20110202	H01M8/02; H01M8/10	HYDROPHILIC SEPARATOR, AND METHOD OF MANUFACTURING THE SAME
JP2012160409 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110021214 20110202	H01M8/04; H01M8/00; H01M8/18	ELECTROLYTIC SOLUTION CIRCULATION TYPE BATTERY SYSTEM
JP2012160410 A 20120823	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110021215 20110202	H01M8/04; H01M8/00; H01M8/18	ELECTROLYTIC SOLUTION CIRCULATION TYPE BATTERY SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012160439 A 20120823	TORAY INDUSTRIES [JP]	JP20110003646 20110112; JP20120002767 20120111	H01M8/02; C08F8/48; H01B1/06; H01B13/00; H01M8/10	COMPOSITE POLYMER ELECTROLYTE MEMBRANE AND METHOD FOR PRODUCING THE SAME
JP2012160465 A 20120823	NIPPON TELEGRAPH & TELEPHONE; TOHO GAS KK	JP20120088174 20120409	H01M8/06; H01M8/04; H01M8/12	FUEL CELL SYSTEM
JP2012160466 A 20120823	TOSHIBA HOME TECH CORP	JP20120090502 20120411	H01M8/04	FUEL CELL DEVICE
JP2012160467 A 20120823	TOKYO GAS CO LTD [JP]	JP20120092536 20120414	H01M8/04; H01M8/06; H01M8/12	OPERATION TEMPERATURE CONTROL METHOD OF SOLID OXIDE FUEL CELL SYSTEM
JP2012160468 A 20120823	TOKYO GAS CO LTD [JP]	JP20120092537 20120414	H01M8/04; H01M8/06; H01M8/12	OPERATION TEMPERATURE CONTROL METHOD OF SOLID OXIDE FUEL CELL SYSTEM
JP2012161740 A 20120830	TOYOTA BOSHOKU CORP	JP20110024194 20110207	C02F1/42	CARTRIDGE HOUSING FOR ION EXCHANGE RESIN
JP2012162129 A 20120830	RAILWAY TECHNICAL RES INST; IWATANI INT CORP	JP20110022705 20110204	B61C11/00; B61C7/04; H01M8/00; H01M8/04	LIQUID HYDROGEN CONTAINER LOADED ON FUEL CELL TRAIN
JP2012162445 A 20120830	NIPPON ELECTRIC GLASS CO [JP]	JP20110007535 20110118; JP20110267549 20111207	C03C10/04; C03C8/02; C03C8/04; C03C10/02	HIGH-EXPANSIVE CRYSTALLINE GLASS COMPOSITION

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012162457 A 20120830	INTELLIGENT ENERGY INC [US]	US20010272806P 20010302	C01B3/04; B01J3/00; B01J8/02; B01J19/24; C01B3/56; C10J1/00; H01M8/06; H01M8/22	AMMONIA-BASED HYDROGEN GENERATION APPARATUS AND METHOD FOR USING THE SAME
JP2012162722 A 20120830	UNIV STUTT GART	DE2000124575 20000519; DE2000154233 20001102	C08L101/02; B01D53/22; B01D67/00; B01D71/52; B01D71/68; B01D71/82; C08G75/00; C08K5/02; H01M2/16; H01M8/10; H01M10/40	COVALENT BOND CROSSLINKED POLYMER THROUGH SULFINATE ALKYLATION, AND POLYMER FILM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012162732 A 20120830	HAERING RIMA [DE]; HAERING THOMAS [DE]	DE2001158006 20011122; DE2002108679 20020228	C08G85/00; C08L101/06; B01D67/00; B01D71/52; B01D71/68; B01D71/80; B01D71/82; B01J41/12; B01J47/12; C08G65/48; C08G75/23; C08J5/22; C08L71/00; C08L81/06; H01B1/06; H01B13/00; H01M8/02; H01M8/10; H01M10/40	FUNCTIONALIZED MAIN CHAIN POLYMERS
JP2012163341 A 20120830	HONDA MOTOR CO LTD [JP]	JP20110021573 20110203	G01N27/16; H01M8/00; H01M8/04	HYDROGEN DETECTION SYSTEM
JP2012164422 A 20120830	HONDA MOTOR CO LTD [JP]	JP20110021555 20110203	H01M8/02; B32B7/02; H01M4/88; H01M8/10	METHOD AND APPARATUS OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL
JP2012164423 A 20120830	TOKYO GAS CO LTD [JP]	JP20110021560 20110203	H01M8/06; H01M8/04; H01M8/12	CO2 RECOVERY TYPE SOLID OXIDE FUEL CELL BATTERY SYSTEM AND OPERATION CONTROL METHOD THEREFOR
JP2012164425 A 20120830	TOYOTA MOTOR CORP	JP20110021581 20110203	H01M8/02	FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012164455 A 20120830	AGC SEIMI CHEMICAL CO LTD	JP20110022463 20110204	H01M4/86; H01M4/88; H01M8/12	FUEL ELECTRODE MATERIAL COMPOSITE POWDER FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
JP2012164457 A 20120830	HONDA MOTOR CO LTD [JP]	JP20110022543 20110204	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012164468 A 20120830	SUZUKI MOTOR CORP [JP]	JP20110022710 20110204	H01M8/04; G01N29/02; H01M8/10	DIRECT METHANOL FUEL CELL SYSTEM AND METAL ION ELUTION DETECTING METHOD
JP2012164479 A 20120830	TOYOTA MOTOR CORP	JP20110022892 20110204	H01M4/86	FUEL CELL
JP2012164492 A 20120830	TOKYO INST TECH [JP]; SHOWA DENKO KK [JP]	JP20110023361 20110204	H01M4/96; B01J21/18; B01J35/02; B01J35/10; B01J37/08; C01B31/02; H01M4/88; H01M4/90	AIR ELECTRODE CATALYST FOR FUEL CELL AND METHOD FOR PRODUCING THE SAME
JP2012164495 A 20120830	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110023372 20110204	H01M10/44; H01M8/04; H01M8/18	ELECTROLYTE CIRCULATION TYPE BATTERY SYSTEM
JP2012164500 A 20120830	TOTO LTD [JP]	JP20110023448 20110207	H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
JP2012164505 A 20120830	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110023586 20110207	H01M8/02; H01M8/10; H01M8/24	FUEL CELL STACK
JP2012164513 A 20120830	HONDA MOTOR CO LTD [JP]	JP20110023843 20110207	H01M8/04; G01L5/00; H01M8/10; H01M8/24	FUEL CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012164516 A 20120830	HONDA MOTOR CO LTD [JP]	JP20110023876 20110207	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012164530 A 20120830	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110024318 20110207	H01M8/18; H01M8/04	ELECTROLYTE CIRCULATION TYPE BATTERY
JP2012164532 A 20120830	TOYOTA BOSHOKU CORP	JP20110024356 20110207	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND POLYMER SOLID ELECTROLYTE FUEL CELL WITH SEPARATOR FOR FUEL CELL
JP2012164549 A 20120830	SONY CORP [JP]	JP20110024767 20110208	H01M8/16; H01M8/00; H01M8/02; H01M8/06	BIOFUEL BATTERY AND POWER SUPPLY DEVICE
JP2012164563 A 20120830	NISSAN MOTOR [JP]	JP20110025020 20110208	H01M8/02	FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012164588 A 20120830	TOYOTA MOTOR CORP	JP20110025620 20110209	H01M8/02; H01M8/10	SEAL STRUCTURE OF FUEL CELL SEPARATOR
JP2012164604 A 20120830	JX NIPPON MINING & METALS CORP [JP]; DAIDO STEEL CO LTD	JP20110026026 20110209	H01M8/02; C25D5/20; C25D5/26; C25D5/48	METHOD FOR MANUFACTURING METALLIC SEPARATOR MATERIAL FOR FUEL CELL, AND METALLIC SEPARATOR MATERIAL FOR FUEL CELL
JP2012164608 A 20120830	TOYOTA MOTOR CORP; UNIV HOKKAIDO	JP20110026120 20110209	H01M4/90; B01J23/755; B01J37/18; H01M4/88	ELECTRODE CATALYST CONTAINING Fe, Co, AND Ni, AND METHOD FOR MANUFACTURING THE SAME
JP2012164609 A 20120830	TOYOTA MOTOR CORP; UNIV HOKKAIDO	JP20110026121 20110209	H01M8/02; B01J23/755; C01G51/00; H01M4/86; H01M4/90	ELECTRODE CONTAINING LAYERED METAL OXIDE, AND FUEL CELL COMPRISING SOLID ELECTROLYTE LAYER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012164610 A 20120830	TOYOTA MOTOR CORP; UNIV HOKKAIDO	JP20110026125 20110209	H01M8/02; C01G51/00; H01B1/06; H01B1/08; H01B13/00; H01M8/12	SOLID ELECTROLYTE CONTAINING LAYERED METAL OXIDE, AND METHOD FOR MANUFACTURING THE SAME
JP2012164661 A 20120830	THREE M INNOVATIVE PROPERTIES	US20030674594 20030929	H01M4/90; B01J23/652; B01J23/656; B01J23/89; B01J35/02; B01J37/34; H01M4/86; H01M4/88; H01M4/92; H01M8/10	FUEL CELL CATHODE CATALYST
JP2012164668 A 20120830	KYOCERA CORP [JP]	JP20120083900 20120402	H01M8/24; H01M8/12	FUEL BATTERY
JP2012164672 A 20120830	NIPPON CATALYTIC CHEM IND [JP]	JP20060034308 20060210; JP20120090537 20120411	H01M4/86; C04B35/00; C04B35/50; H01M8/02; H01M8/12	AIR ELECTRODE MATERIAL FOR SOLID OXIDE FUEL CELL
JP2012164685 A 20120830	HONDA MOTOR CO LTD [JP]	JP20120128978 20120606	H01M8/02; H01M8/10	METHOD FOR PRODUCING ELECTROLYTE MEMBRANE-ELECTRODE STRUCTURE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012166112 A 20120906	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110026618 20110210	B01D53/58; B01D53/32; B01D53/54; B01D53/72; B01J19/08; H01M8/00; H01M8/04; H01M8/06; H01M8/10; H01M8/24	APPARATUS AND SYSTEM FOR GAS DECOMPOSITION
JP2012166152 A 20120906	TOYO BOSEKI	JP20110029628 20110215	B01D61/18; B01D61/20; B01D71/06; C02F1/44; H01M8/00; H01M8/02; H01M8/10	ULTRAFILTRATION DEVICE
JP2012166153 A 20120906	TOYO BOSEKI	JP20110029629 20110215	B01D61/08; B01D71/06; H01M8/00; H01M8/02; H01M8/10	REVERSE OSMOSIS MEMBRANE DEVICE
JP2012166161 A 20120906	PANASONIC CORP [JP]	JP20110030379 20110216	C02F1/66; H01M8/06	NEUTRALIZATION TANK AND FUEL CELL SYSTEM
JP2012166981 A 20120906	SEIKO INSTR INC [JP]	JP20110029199 20110214	C01B3/06; H01M8/06	DEVICE FOR GENERATING HYDROGEN, FUEL CELL SYSTEM, AND METHOD FOR GENERATING HYDROGEN
JP2012166982 A 20120906	SEIKO INSTR INC [JP]	JP20110029200 20110214	C01B3/06; H01M8/06	DEVICE FOR GENERATING HYDROGEN, AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012167373 A 20120906	SAMSUNG ELECTRO MECH [KR]	KR20070094933 20070918; KR20070132666 20071217	C25B9/00; B01D53/26; B01D53/28; B01J20/02; B01J20/10; B01J20/18; B01J20/20; C25B1/04; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL POWER GENERATION SYSTEM
JP2012167400 A 20120906	TEIJIN LTD [JP]; TOKYO INST TECH [JP]	JP20110028731 20110214	D04H1/4242; B01J23/42; B01J35/04; B01J35/06; B01J37/02; B01J37/08; B01J37/16; B01J37/32; C01B31/02; D01F9/14; D01F9/145; D06M11/83; H01M4/88; H01M4/96; H01M8/10	METHOD FOR MANUFACTURING FLOCCULENT SUBSTANCE OF NOBLE METAL CARRYING ULTRAFINE CARBON FIBER
JP2012167751 A 20120906	MURATA MANUFACTURING CO [JP]	JP20110029685 20110215	F16K15/14; H01M8/04	CHECK VALVE, FUEL CELL SYSTEM AND PUMP
JP2012168032 A 20120906	TOYO BOSEKI	JP20110029630 20110215	G01N35/00; G01N33/543; H01M8/02; H01M8/10	PHYSIOLOGICALLY ACTIVE SUBSTANCE MEASURING SYSTEM
JP2012169039 A 20120906	HONDA MOTOR CO LTD [JP]	JP20110026450 20110209	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012169041 A 20120906	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR CORP	JP20110026557 20110209	H01M8/02; H01B1/06; H01M4/86; H01M8/10	ELECTROLYTE AND SOLID POLYMER FUEL CELL
JP2012169042 A 20120906	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR CORP	JP20110026558 20110209	H01B1/06; H01M8/02	INORGANIC-ORGANIC COMPOSITE SOLID ELECTROLYTE
JP2012169044 A 20120906	AISIN SEIKI [JP]; TOYOTA MOTOR CORP; OSAKA GAS CO LTD [JP]	JP20110026641 20110210	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM
JP2012169053 A 20120906	MITSUBISHI HEAVY IND LTD	JP20110026925 20110210	H01M8/04	FUEL CELL POWER GENERATION SYSTEM
JP2012169076 A 20120906	SHARP KK [JP]	JP20110027462 20110210	H01M8/04	ALKALINE FUEL CELL SYSTEM
JP2012169077 A 20120906	SHARP KK [JP]	JP20110027466 20110210	H01M8/04; H01M8/10	ALKALINE FUEL CELL SYSTEM
JP2012169079 A 20120906	SHARP KK [JP]	JP20110027474 20110210	H01M8/04; H01M8/10	ALKALINE FUEL CELL SYSTEM
JP2012169087 A 20120906	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110027827 20110210	H01M8/04; H01M8/00	FUEL BATTERY SYSTEM
JP2012169096 A 20120906	TOYOTA MOTOR CORP	JP20110028121 20110214	H01M8/02; H01M8/24	FUEL CELL STACK MANUFACTURING METHOD, FUEL CELL STACK, SEPARATOR, AND SEALING MEMBER
JP2012169104 A 20120906	HONDA MOTOR CO LTD [JP]	JP20110028247 20110214	H01M4/86; H01M4/88; H01M4/96; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY, MANUFACTURING METHOD OF THE SAME, AND SOLID POLYMER FUEL CELL EQUIPPED WITH THE SAME
JP2012169109 A 20120906	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110028382 20110214	H05B3/12; B01J19/00; H05B3/10	POROUS HEATING BODY, POROUS HEATING ELEMENT, AND GAS DECOMPOSITION ELEMENT
JP2012169110 A 20120906	TOYOTA MOTOR CORP	JP20110028414 20110214	H01M8/02	GAS PASSAGE FORMED BODY AND FUEL BATTERY CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012169150 A 20120906	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110029275 20110215	H01M8/04	FUEL CELL SYSTEM
JP2012169163 A 20120906	HONDA MOTOR CO LTD [JP]	JP20110029506 20110215	H01M8/04	METHOD FOR CONTROLLING FUEL CELL STACK
JP2012169167 A 20120906	TOYOTA MOTOR CORP	JP20110029696 20110215	H01M8/04; H01M4/86; H01M8/02; H01M8/10	FUEL CELL
JP2012169173 A 20120906	TOYOTA MOTOR CORP	JP20110029858 20110215	H01M4/96; H01M4/86; H01M8/02	FUEL BATTERY
JP2012169197 A 20120906	TOYOTA MOTOR CORP	JP20110030449 20110216	H01M8/04	FUEL CELL SYSTEM, FUEL CELL OPERATION METHOD, AND ELECTROLYTE DRYNESS ESTIMATION METHOD
JP2012169202 A 20120906	SUMITOMO CHEMICAL CO [JP]	JP20110030679 20110216	H01M8/04	FUEL BATTERY COUPLER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012169281 A 20120906	OVONIC BATTERY CO INC	US20010302131P 20010629	H01M10/24; H01M10/30; C01B3/00; C01G53/00; C01G53/04; H01M4/04; H01M4/26; H01M4/32; H01M4/38; H01M4/52; H01M4/58; H01M4/62; H01M6/00; H01M8/22; H01M10/26; H01M10/28; H01M10/34	HYDROGEN STORAGE BATTERY, POSITIVE NICKEL ELECTRODE, POSITIVE ELECTRODE ACTIVE MATERIAL, AND METHOD FOR MANUFACTURING THE SAME
JP2012169283 A 20120906	PREMIUM POWER CORP	US20050648156P 20050128	H01M8/18; H01M8/04; H01M8/20	FLOWING ELECTROLYTE BATTERY WITH ELECTRIC POTENTIAL NEUTRALIZATION
JP2012169294 A 20120906	TOYOTA MOTOR CORP	JP20120108072 20120510	H01M8/04	FUEL CELL SYSTEM
JP2012169295 A 20120906	TOYOTA MOTOR CORP	JP20120108220 20120510	H01M4/88; H01M4/96	DIFFUSION LAYER, AND METHOD FOR MANUFACTURING FUEL CELL USING THE SAME
JP2012170833 A 20120910	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110032180 20110217	B01D53/26; H01M8/02	DEHUMIDIFIER
JP2012170906 A 20120910	KURITA WATER IND LTD [JP]	JP20110036154 20110222	C02F1/469; B01D61/48; H01M8/04	ELECTRIC DEIONIZER, METHOD OF PRODUCING PURE WATER AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012170938 A 20120910	NAT AEROSPACE LAB; NAT INST FOR MATERIALS SCIENCE	JP20110038133 20110224	B01J23/86; B01J37/08; B01J37/12; B01J37/18; C01B3/40	NICKEL CHROMIUM ALLOY CATALYST AND MANUFACTURING METHOD THEREOF
JP2012171550 A 20120910	TOYOTA MOTOR CORP	JP20110037458 20110223	B60K8/00; B60K1/00; B60K15/03; B62D21/02; H01M8/00; H01M8/04	FUEL CELL SYSTEM
JP2012171849 A 20120910	PANASONIC CORP [JP]	JP20110037872 20110224	C01B3/38; H01M8/06	HYDROGEN GENERATOR, FUEL CELL SYSTEM INCLUDING THE SAME, AND OPERATION METHOD OF THE HYDROGEN GENERATOR
JP2012171850 A 20120910	PANASONIC CORP [JP]	JP20110037873 20110224	C01B3/38; H01M8/06	HYDROGEN GENERATOR, FUEL CELL SYSTEM INCLUDING THE SAME, AND METHOD FOR MANUFACTURING THE HYDROGEN GENERATOR
JP2012171854 A 20120910	KONICA MINOLTA HOLDINGS INC [JP]	JP20110038447 20110224	C01B3/08; H01M8/06	TREATMENT BODY OF GAS OR LIQUID AND FUEL CELL SYSTEM PROVIDED WITH THE SAME
JP2012172033 A 20120910	JX NIPPON OIL & ENERGY CORP [JP]; TOKYO INST TECH [JP]	JP20110034418 20110221	C08G65/40; C08G65/48	PROTON CONDUCTIVE POLYMER AND METHOD FOR PRODUCING THE SAME
JP2012174360 A 20120910	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110032282 20110217	H01M8/02; H01M8/10	FUEL CELL
JP2012174395 A 20120910	MITSUBISHI HEAVY IND LTD	JP20110032977 20110218	H01M8/06; H01M8/04; H01M8/10	SOLID POLYMER FUEL CELL POWER GENERATING SYSTEM
JP2012174396 A 20120910	MITSUBISHI HEAVY IND LTD	JP20110032978 20110218	H01M8/06; H01M8/04; H01M8/10	SOLID POLYMER FUEL CELL POWER GENERATING SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012174397 A 20120910	MITSUBISHI HEAVY IND LTD	JP20110032979 20110218	H01M8/04; H01M8/10	LIFE PREDICTION METHOD OF SOLID POLYMER FUEL CELL, AND SOLID POLYMER FUEL CELL POWER GENERATING SYSTEM USING THE SAME
JP2012174427 A 20120910	TOYOTA MOTOR CORP; NAT INST OF ADV IND & TECHNOL	JP20110033700 20110218	H01M4/88; H01M4/86; H01M8/02; H01M8/12	METHOD FOR MANUFACTURING FUEL CELL
JP2012174456 A 20120910	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110034651 20110221	H01M4/86; H01M8/10	FUEL CELL
JP2012174459 A 20120910	KYOCERA CORP [JP]	JP20110034777 20110221	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2012174486 A 20120910	PANASONIC CORP [JP]	JP20110035444 20110222	H01M8/02; H01M8/24	FUEL CELL AND FUEL CELL STACK WITH IT
JP2012174525 A 20120910	DAIHATSU MOTOR CO LTD	JP20110036014 20110222	H01M8/04	FUEL CELL SYSTEM
JP2012174529 A 20120910	TOKYO INST TECH [JP]; TOPPAN PRINTING CO LTD [JP]	JP20110036046 20110222	H01M8/02; C08F8/00; C08F16/06; H01B1/06; H01B13/00; H01M8/10	MANUFACTURING METHOD FOR ION CONDUCTIVE SOLID POLYMER ELECTROLYTE MEMBRANE WHICH INCLUDES CROSS-LINKING POLYVINYL ALCOHOL AS MATRIX AND SOLID POLYMER ELECTROLYTE MEMBRANE MANUFACTURED BY MANUFACTURING METHOD, AND MEMBRANE ELECTRODE ASSEMBLY AND SOLID POLY
JP2012174534 A 20120910	TOTO LTD [JP]	JP20110036145 20110222	H01M8/04; H01M8/06	FUEL BATTERY DEVICE
JP2012174543 A 20120910	MITSUBISHI HEAVY IND LTD	JP20110036327 20110222	H01M8/04; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL AND TEMPERATURE DISTRIBUTION ADJUSTMENT METHOD OF SOLID OXIDE FUEL CELL USING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012174544 A 20120910	MITSUBISHI HEAVY IND LTD	JP20110036328 20110222	H01M8/02; H01M8/12	UPPER OR LOWER CORE FOR HEAT EXCHANGE OF SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL
JP2012174550 A 20120910	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110036397 20110222	H01M8/02; H01B13/00; H01M8/10	METHOD FOR MANUFACTURING LIQUID-SUBSTANCE IMPREGNATED ELECTROLYTE MEMBRANE, AND LIQUID-SUBSTANCE IMPREGNATED ELECTROLYTE MEMBRANE TYPE FUEL CELL
JP2012174553 A 20120910	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110036449 20110222	H01M8/04; C08K3/32; C08L101/00; H01M8/02; H01M8/10	FUEL CELL CONTROL SYSTEM AND STOPPING METHOD OF FUEL CELL
JP2012174584 A 20120910	GYOSEIIN GENSHINO IINKAI KAKUNO KENKYUSHO	JP20110037022 20110223	H01M8/02; H01M4/86; H01M8/12	FUEL BATTERY JOINT STRUCTURE
JP2012174591 A 20120910	KYOCERA CORP [JP]	JP20110037216 20110223	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
JP2012174603 A 20120910	HONDA MOTOR CO LTD [JP]	JP20110037407 20110223	H01M8/04	METHOD FOR OPERATING FUEL CELL
JP2012174623 A 20120910	TOYOTA MOTOR CORP	JP20110037838 20110224	H01M4/88; B01J23/42; H01M4/86	MANUFACTURING METHOD OF ELECTRODE MATERIAL FOR FUEL BATTERY AND FUEL BATTERY
JP2012174626 A 20120910	HONDA MOTOR CO LTD [JP]	JP20110037863 20110224	H01M8/02; H01M8/24	FUEL CELL
JP2012174631 A 20120910	TOYOTA MOTOR CORP	JP20110038017 20110224	H01M8/04	HYDROGEN SHORTAGE HISTORY DETECTION DEVICE AND FUEL CELL SYSTEM
JP2012174660 A 20120910	EQUOS RES CO LTD	JP20110038787 20110224	H01M4/88	MANUFACTURING DEVICE FOR PREPASTE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012174672 A 20120910	TOYOTA MOTOR CORP; TOYOTA CENTRAL RES & DEV	JP20110038963 20110224	H01M8/02	SEPARATOR FOR FUEL CELL
JP2012174673 A 20120910	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20110038976 20110224	H01M8/04	FUEL CELL CONTROL SYSTEM AND STOPPING METHOD OF FUEL CELL
JP2012174674 A 20120910	NORITAKE CO LTD [JP]	JP20110039011 20110224	H01M8/02; C03C8/24; H01M8/12	ALKALI-FREE GLASS SEAL MATERIAL FOR SOLID OXIDE FUEL BATTERY CELL
JP2012175765 A 20120910	TOYOTA MOTOR CORP	JP20110033569 20110218	B60L3/00; B60L11/18; H01M8/00; H01M8/04; H02M3/155	ELECTRIC VEHICLE CONTROLLER
JP2012177157 A 20120913	JFE STEEL CORP [JP]	JP20110040599 20110225	C22C38/00; C21D9/46; C22C38/50; C22C38/58; C23F1/28; C25F3/06; H01M8/02; H01M8/10	STAINLESS STEEL FOR SOLID POLYMER TYPE FUEL CELL SEPARATOR AND METHOD FOR PRODUCING THE SAME
JP2012177426 A 20120913	AISAN IND	JP20110040648 20110225	F16K31/06; F02M59/46	FUEL SUPPLY VALVE
JP2012177463 A 20120913	IMAE KOGYO KK	JP20110057185 20110225	F16L59/00	CYLINDRICAL HEAT INSULATION MATERIAL, AND METHOD FOR MANUFACTURING THE SAME
JP2012178231 A 20120913	TOYOTA MOTOR CORP	JP20110039268 20110225	H01M8/02; H01M4/88; H01M8/04; H01M8/10	JOINING METHOD FOR GAS DIFFUSION LAYER, LAMINATE, FUEL BATTERY, AND FUEL BATTERY SYSTEM
JP2012178257 A 20120913	KYOCERA CORP [JP]	JP20110040083 20110225	H01M8/02; H01M8/12	POROUS CONDUCTIVE SUBSTRATE FOR FUEL CELL, AND SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012178260 A 20120913	DAIHATSU MOTOR CO LTD	JP20110040201 20110225	H01M8/04	FUEL CELL SYSTEM
JP2012178281 A 20120913	SEIKO INSTR INC [JP]	JP20110040773 20110225	H01M8/04; H01M8/10	FUEL CELL
JP2012178282 A 20120913	SEIKO INSTR INC [JP]	JP20110040774 20110225	H01M8/04; H01M8/06; H01M8/10	FUEL CELL
JP2012178286 A 20120913	TOYOTA MOTOR CORP	JP20110041099 20110228	H01M8/04	FUEL CELL SYSTEM, OPERATION METHOD OF FUEL CELL AND METHOD FOR ESTIMATING DRYNESS DEGREE OF ELECTROLYTE
JP2012178289 A 20120913	TOYOTA MOTOR CORP	JP20110041121 20110228	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK
JP2012178290 A 20120913	TOYOTA MOTOR CORP	JP20110041144 20110228	H01M8/02; C08F299/00; H01B1/06; H01B13/00; H01M8/10	PROTON CONDUCTIVE ELECTROLYTE MEMBRANE AND METHOD FOR MANUFACTURING ELECTROLYTE MEMBRANE
JP2012178302 A 20120913	HONDA MOTOR CO LTD [JP]	JP20110041316 20110228	H01M8/24	FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012178304 A 20120913	MITSUBISHI MATERIALS CORP; AKITA PREFECTURE	JP20110041338 20110228	H01M8/02; B03D1/001; B03D1/02; B09B3/00; B09B5/00; C22B3/04; C22B3/44; C22B7/00; C22B23/00; C22B26/20; C22B58/00; C22B59/00; H01M8/00; H01M8/04; H01M8/12	METHOD FOR RECOVERING METAL FROM USED SOLID OXIDE FUEL BATTERY CELL
JP2012178305 A 20120913	MITSUBISHI MATERIALS CORP; AKITA PREFECTURE	JP20110041339 20110228	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
JP2012178324 A 20120913	JFE STEEL CORP [JP]	JP20100099922 20100423; JP20110021090 20110202; JP20110095031 20110421	H01M8/02; H01M8/10	METAL PLATE FOR SEPARATOR OF SOLID POLYMER FUEL CELL
JP2012178356 A 20120913	NGK SPARK PLUG CO [JP]	JP20120106021 20120507	H01M8/24; H01M8/02; H01M8/04; H01M8/12	SOLID ELECTROLYTE FUEL BATTERY SYSTEM
JP2012178358 A 20120913	TOYOTA MOTOR CORP	JP20120108071 20120510	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012178360 A 20120913	CANON KK [JP]	JP20120109899 20120511	H01M4/86; H01M4/90; H01M4/92; H01M8/10	CATALYST LAYER OF POLYMER ELECTROLYTE FUEL CELL, AND POLYMER ELECTROLYTE FUEL CELL
JP2012178366 A 20120913	MITSUBISHI HEAVY IND LTD	JP20120136670 20120618	H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
JP2012178997 A 20120920	KONAN GAKUEN; THERMOSTABLE ENZYME LAB CO LTD	JP20110043365 20110228	C12N9/04; C12N9/02; H01M4/90; H01M8/16	METHOD FOR IMPROVING OXIDASE ACTIVITY
JP2012179561 A 20120920	PANASONIC CORP [JP]	JP20110044771 20110302	B01D53/04; C01B3/32; C10L3/10; H01M8/04; H01M8/06	DESULFURIZATION DEVICE AND FUEL CELL SYSTEM
JP2012180250 A 20120920	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20110045421 20110302	C01B3/38; C01B3/48; H01M8/04; H01M8/06	FUEL PROCESSOR, FUEL CELL POWER GENERATION SYSTEM, AND OPERATION METHOD OF THE FUEL CELL POWER GENERATION SYSTEM
JP2012180517 A 20120920	JOHNSON MATTHEY PLC [GB]	GB20040000626 20040113	C08G65/48; C08G65/40; C08G73/10; C08G75/00; C08G75/23; C08J5/22; C08L71/10; H01B1/06; H01M4/86; H01M8/00; H01M8/02; H01M8/10	ION-CONDUCTING POLYMER AND MEMBRANE COMPRISING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012180529 A 20120920	THREE M INNOVATIVE PROPERTIES	US20030712361 20031113	C08F8/00; C08G2/00; C08J3/28; C08J5/22; C08J7/00; H01M8/10	POLYMER ELECTROLYTES CROSSLINKED BY E-BEAM
JP2012181927 A 20120920	KYOCERA CORP [JP]	JP20110042089 20110228	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND FUEL CELL MODULE
JP2012181928 A 20120920	KYOCERA CORP [JP]	JP20110042090 20110228	H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL AND FUEL CELL MODULE
JP2012181939 A 20120920	ASAHI GLASS CO LTD [JP]	JP20110042329 20110228	H01M4/88; B32B27/32; H01M8/02; H01M8/10	CARRIER FILM FOR CARRYING CATALYST LAYER, CATALYST LAYER TRANSFER FILM AND METHOD FOR PRODUCING MEMBRANE CATALYST LAYER ASSEMBLY
JP2012181961 A 20120920	JAPAN ATOMIC ENERGY AGENCY [JP]	JP20110042865 20110228	H01M4/88; B01J31/28; C23C18/14; C25B9/10; C25B11/12; H01M4/86; H01M8/02; H01M8/10	COMPOSITION FOR FORMING CATALYST LAYER, AND PRODUCTION METHOD OF CATALYST LAYER
JP2012181989 A 20120920	PANASONIC CORP [JP]	JP20110043630 20110301	H01M8/04	FUEL CELL DEVICE
JP2012181990 A 20120920	PANASONIC CORP [JP]	JP20110043631 20110301	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012181996 A 20120920	NISSAN MOTOR [JP]	JP20110043716 20110301	H01M8/24	FUEL CELL STACK
JP2012182007 A 20120920	TOYOTA MOTOR CORP	JP20110044013 20110301	H01M8/04; H01M8/00	METHOD OF CONTROLLING FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012182013 A 20120920	TOTO LTD [JP]	JP20110044117 20110301	H01M8/24; H01M8/04; H01M8/12	FUEL CELL MODULE
JP2012182031 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110044565 20110302	H01M8/24	FUEL CELL STACK
JP2012182032 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110044566 20110302	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM
JP2012182044 A 20120920	KONICA MINOLTA HOLDINGS INC [JP]	JP20110044744 20110302	H01M8/06; H01M8/00	SECONDARY-BATTERY-TYPE FUEL CELL SYSTEM
JP2012182057 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045103 20110302	H01M8/02; H01M8/10	FUEL CELL
JP2012182062 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045206 20110302	H01M8/24	FUEL CELL STACK
JP2012182064 A 20120920	PANASONIC CORP [JP]	JP20110045243 20110302	H01M8/02; H01M8/04	FUEL CELL SEPARATOR AND FUEL CELL USING THE SAME
JP2012182066 A 20120920	TOYOTA MOTOR CORP; FURUYA KINZOKU KK	JP20110045270 20110302	H01M4/88; B01J23/42; C23C14/14	METHOD OF MANUFACTURING ELECTRODE CATALYST
JP2012182067 A 20120920	TOYOTA MOTOR CORP; FURUYA KINZOKU KK	JP20110045271 20110302	H01M4/88; C23C14/00; C23C14/34	METHOD OF MANUFACTURING ELECTRODE CATALYST
JP2012182069 A 20120920	NGK SPARK PLUG CO [JP]	JP20110045301 20110302	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012182090 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045833 20110303	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
JP2012182091 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045834 20110303	H01M8/04; B60L11/18; H01M8/00; H01M8/10	IDLE STOP METHOD OF FUEL BATTERY SYSTEM FOR VEHICLE
JP2012182092 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045835 20110303	H01M8/24	FUEL CELL STACK



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012182093 A 20120920	HONDA MOTOR CO LTD [JP]	JP20110045836 20110303	H01M8/02; H01M8/06	FUEL CELL
JP2012182096 A 20120920	TOYOTA MOTOR CORP	JP20110045939 20110303	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012182140 A 20120920	NISSAN MOTOR [JP]	JP20120100152 20120425	H01M8/02; B23K11/06; B23K11/30; H01M8/10	SEPARATOR
JP2012182141 A 20120920	MASSACHUSETTS INST TECHNOLOGY [US]	US20000242124P 20001020	H01M4/13; H01M4/00; H01M4/04; H01M4/139; H01M4/86; H01M8/04; H01M10/052	BATTERY HAVING MESH ELECTRODE WITH CONTROLLED POROSITY
JP2012182142 A 20120920	HYUNDAI HYSKO [KR]	KR20080037916 20080423; KR20080041799 20080506	H01M8/02; C23F1/44; C25F3/06	STAINLESS STEEL SEPARATION PLATE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2012182148 A 20120920	PANASONIC CORP [JP]	JP20120118772 20120524	H01M8/04	FUEL CELL SYSTEM
JP2012182149 A 20120920	PANASONIC CORP [JP]	JP20120118814 20120524	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012182153 A 20120920	DAINIPPON PRINTING CO LTD [JP]	JP20120140439 20120622	H01M4/86; H01M4/88	PASTE COMPOSITION FOR FORMING CATALYST LAYER AND CATALYST LAYER-ELECTROLYTE MEMBRANE LAMINATE
JP2012182154 A 20120920	KYOCERA CORP [JP]	JP20070195915 20070727; JP20080017241 20080129; JP20120142106 20120625	H01M8/24; H01M8/12	FUEL BATTERY MODULE AND FUEL BATTERY DEVICE INCLUDING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012183459 A 20120927	IDEMITSU KOSAN CO	JP20110047006 20110303	B01J23/80; B01J35/10; B01J37/03; C01B3/36; C01B3/48; H01M8/06	CARBON MONOXIDE SHIFT CATALYST, METHOD FOR PRODUCING THE SAME, METHOD FOR CONVERTING CARBON MONOXIDE, AND METHOD FOR PRODUCING HYDROGEN
JP2012183533 A 20120927	BATTELLE MEMORIAL INSTITUTE [US]	US20010845776 20010430; US20020363858P 20020311; US20020135891 20020429	B01D53/04; F28D20/00; B01D53/047; B01J20/18; B01J20/34; C01B3/56; H01M8/04; H01M8/06	METHOD AND APPARATUS FOR THERMAL SWING ADSORPTION AND THERMALLY-ENHANCED PRESSURE SWING ADSORPTION
JP2012185109 A 20120927	PANASONIC CORP [JP]	JP20110049848 20110308	G01M3/28; H01M8/04	GAS LEAK DETECTION SYSTEM FOR FUEL CELL SYSTEM
JP2012185910 A 20120927	NISSAN MOTOR [JP]	JP20110046158 20110303	H01M8/06; C01B3/38; H01M8/04	FUEL CELL SYSTEM
JP2012185920 A 20120927	TOYOTA MOTOR CORP	JP20110046288 20110303	H01M8/24	MANUFACTURING METHOD OF FUEL CELL STACK, AND AGING METHOD OF FUEL CELL
JP2012185924 A 20120927	NISSAN MOTOR [JP]	JP20110046454 20110303	H01M8/06	FUEL CELL SYSTEM
JP2012185928 A 20120927	TDK CORP	JP20110046572 20110303	H01M8/02; H01M4/86; H01M4/88; H01M8/12	MANUFACTURING METHOD OF FUEL ELECTRODE SUPPORT TYPE POWER GENERATION CELL
JP2012185968 A 20120927	TOYOTA MOTOR CORP	JP20110047398 20110304	H01M8/04	FUEL CELL SYSTEM, AND METHOD FOR RECOVERING CATALYST PERFORMANCE OF FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012185972 A 20120927	TOPPAN PRINTING CO LTD [JP]	JP20110047496 20110304	H01M4/88; H01M4/90; H01M8/10	METHOD OF MANUFACTURING ELECTRODE CATALYST LAYER FOR FUEL CELL, ELECTRODE CATALYST LAYER FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND SOLID POLYMER FUEL CELL
JP2012185978 A 20120927	HONDA MOTOR CO LTD [JP]	JP20110047607 20110304	H01M8/04; F16K17/04; F16K31/06	FUEL CELL SYSTEM
JP2012185995 A 20120927	DAINIPPON PRINTING CO LTD [JP]	JP20110047975 20110304	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
JP2012186026 A 20120927	NGK SPARK PLUG CO [JP]	JP20110048477 20110307	H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY
JP2012186027 A 20120927	NGK SPARK PLUG CO [JP]	JP20110048478 20110307	H01M8/04	FUEL BATTERY SYSTEM
JP2012186033 A 20120927	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110048594 20110307	H05B3/03; C22C1/08; C22C19/05; C25D1/08; H05B3/12	POROUS HEATING ELEMENT, MANUFACTURING METHOD OF POROUS HEATING ELEMENT AND GAS DECOMPOSITION ELEMENT
JP2012186040 A 20120927	SHIN NIPPON KOKI CO LTD	JP20110048740 20110307	H01M8/02; H01M8/04; H01M8/10; H01M8/24	SOLID POLYMER FUEL BATTERY CELL CARTRIDGE AND STACK STRUCTURE THEREOF
JP2012186041 A 20120927	NIPPON TELEGRAPH & TELEPHONE	JP20110048754 20110307	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY
JP2012186048 A 20120927	NISSAN MOTOR [JP]	JP20110048812 20110307	H01M8/06; C01B3/38	FUEL EVAPORATING APPARATUS
JP2012186077 A 20120927	TOYOTA MOTOR CORP	JP20110049303 20110307	H01M8/24	FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012186101 A 20120927	PANASONIC CORP [JP]	JP20110049807 20110308	H01M8/04; H01M8/06	FUEL CELL SYSTEM, AND METHOD FOR OPERATING THE SAME
JP2012186105 A 20120927	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110049895 20110308	H01M4/86; H01M8/10	FUEL CELL
JP2012186108 A 20120927	NIPPON TELEGRAPH & TELEPHONE	JP20110049957 20110308	H01M8/04; H01M8/12	ABNORMALITY DETERMINATION METHOD AND DEVICE OF FUEL ELECTRODE
JP2012186128 A 20120927	KITAMURA HIROSHI	JP20110061574 20110303	H01M10/0565; H01G9/02; H01G9/038; H01M4/02; H01M4/62; H01M6/02; H01M6/18; H01M10/04; H01M10/058	HIGH PERFORMANCE BATTERY AND MANUFACTURING METHOD THEREOF
JP2012186134 A 20120927	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110032789 20110218; JP20110111049 20110518	H01M4/80; A01G31/00; B01D39/20; B01J35/04; H01G9/016	THREE-DIMENSIONAL NET-LIKE ALUMINUM POROUS BODY FOR CURRENT COLLECTOR AND METHOD OF MANUFACTURING THE SAME
JP2012186176 A 20120927	KOBE STEEL LTD [JP]	JP20110028423 20110214; JP20120127126 20120604	H01M8/02; C22C14/00	FUEL CELL SEPARATOR
JP2012190812 A 20121004	PANASONIC CORP [JP]	JP20120127855 20120605	H01M8/04; H01M8/06	FUEL CELL ELECTRIC POWER GENERATION SYSTEM
JP2012210620 A 20121101	JX NIPPON OIL & ENERGY CORP [JP]	JP20110062242 20110322; JP20120047008 20120302	B01J23/89; B01J37/12; C01B3/40; H01M8/06	REFORMING CATALYST FOR PRODUCING HYDROGEN, HYDROGEN PRODUCING APPARATUS USING THE CATALYST AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012210809 A 20121101	KYOCERA CORP [JP]	JP20060061351 20060307; JP20060232019 20060829; JP20060293211 20061027; JP20120067646 20120323	B32B18/00; B32B15/04; G01N27/409; H01L41/08; H01L41/083; H01L41/187; H01L41/22; H01L41/24; H01M4/86; H01M4/88; H01M8/02; H01M8/12	PROCESS FOR PRODUCING CERAMIC MEMBER, CERAMIC MEMBER, GAS SENSOR ELEMENT, FUEL CELL ELEMENT, LAYER-BUILT PIEZOELECTRIC ELEMENT, INJECTOR, AND FUEL INJECTION SYSTEM
JP2012210934 A 20121101	BAE SYS CONTROLS INC	US20000597636 20000620	B60K25/00; B60W20/00; B60K6/10; B60K6/28; B60K6/32; B60K6/46; B60L3/00; B60L11/02; B60L11/18; B60W10/06; B60W10/08; B60W10/26; F01B21/04; F02D29/02; H01M8/00	ENERGY MANAGEMENT SYSTEM FOR HYBRID ELECTRIC VEHICLE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012211617 A 20121101	KEIHIN CORP [JP]; HONDA MOTOR CO LTD [JP]	JP20110076741 20110330	F16K5/06; F16K1/22; F16K31/04; F16K31/53; H01M8/00; H01M8/04; H01M8/10	VALVE DEVICE
JP2012211641 A 20121101	KEIHIN CORP [JP]; HONDA MOTOR CO LTD [JP]	JP20110077338 20110331	F16K35/04; F16K31/04; F16K31/54	LOCKING MECHANISM OF VALVE DEVICE
JP2012212523 A 20121101	ASAHI KASEI E MATERIALS CORP [JP]	JP20110076503 20110330	H01M4/86; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND SOLID POLYMER ELECTROLYTE FUEL CELL
JP2012212541 A 20121101	HONDA MOTOR CO LTD [JP]	JP20110077015 20110331	H01M4/86; H01M8/02	ELECTROLYTE/ELECTRODE ASSEMBLY AND MANUFACTURING METHOD THEREFOR
JP2012212559 A 20121101	PANASONIC CORP [JP]	JP20110077644 20110331	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
JP2012212563 A 20121101	NIPPON CATALYTIC CHEM IND [JP]	JP20110077728 20110331	H01M8/02; H01B1/06; H01M8/12	ELECTROLYTE SHEET FOR SOLID OXIDE FUEL CELL AND SINGLE CELL FOR SOLID OXIDE FUEL CELL USING THE SAME
JP2012212564 A 20121101	NISSAN MOTOR [JP]	JP20110077748 20110331	H01M8/02; H01M8/10	FUEL CELL SEPARATOR AND FUEL CELL
JP2012212567 A 20121101	ENEOS CELLTECH CO LTD [JP]	JP20110077830 20110331	H01M8/02; H01M4/86	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2012212570 A 20121101	NIHON GORE KK	JP20110077937 20110331	H01M8/02; H01M8/04	FUEL PERMEATION AMOUNT ADJUSTING MEMBRANE FOR LIQUID FUEL CELL
JP2012212572 A 20121101	TOTO LTD [JP]	JP20110077954 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2012212573 A 20121101	TOTO LTD [JP]	JP20110077955 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012212586 A 20121101	KANSAI ELECTRIC POWER CO [JP]; MITSUBISHI MATERIALS CORP	JP20110078243 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
JP2012212588 A 20121101	MITSUBISHI MATERIALS CORP	JP20110078285 20110331	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012212631 A 20121101	OSAKA GAS CO LTD [JP]	JP20110078602 20110331	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012212644 A 20121101	KOBE STEEL LTD [JP]	JP20100239323 20101026; JP20110060763 20110318; JP20110193364 20110905	H01M8/02	MANUFACTURING METHOD OF FUEL CELL SEPARATOR
JP2012212651 A 20121101	OSAKA GAS CO LTD [JP]; SHIMIZU KK	JP20110063302 20110322; JP20110271447 20111212	H01M8/02; H01M8/12	PROTECTIVE FILM FORMATION METHOD, CELL CONNECTION MEMBER AND SOLID OXIDE FUEL CELL
JP2012212661 A 20121101	TOPPAN PRINTING CO LTD [JP]	JP20110064965 20110323; JP20120052940 20120309	H01M4/96; H01M4/88; H01M8/10	ELECTRODE CATALYST LAYER FOR FUEL CELL, MANUFACTURING METHOD OF ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, AND SOLID POLYMER FUEL CELL
JP2012212665 A 20121101	NIPPON SOKEN; DENSO CORP [JP]; TOYOTA MOTOR CORP	JP20110061074 20110318; JP20120060639 20120316	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012212674 A 20121101	SANYO ELECTRIC CO [JP]	JP20050315445 20051028; JP20050342684 20051128; JP20050342685 20051128; JP20120119456 20120525	H01M8/02; F04B9/00	FUEL CELL AND ELECTRONIC EQUIPMENT USING THE SAME
JP2012212678 A 20121101	HITACHI CABLE	JP20050141688 20050513; JP20120130342 20120608	H01M8/02; H01M8/04; H01M8/10; H01M8/24	FUEL CELL
JP2012212681 A 20121101	GM GLOBAL TECH OPERATIONS INC [US]	US20060549814 20061016	H01M8/02; H01B1/06; H01B13/00; H01M4/86; H01M8/10	ADDITIVE FOR LAYER OF FUEL CELL
JP2012212683 A 20121101	HONDA MOTOR CO LTD [JP]	JP20120149381 20120703	H01M8/04; H01M8/00; H01M8/10	METHOD AND SYSTEM FOR STARTING FUEL CELL SYSTEM UNDER FREEZING POINT
JP2012212684 A 20121101	NISSAN MOTOR [JP]	JP20120150301 20120704	H01M8/02	FUEL CELL STACK AND METHOD OF MANUFACTURING THE SAME
JP2012212686 A 20121101	THREE M INNOVATIVE PROPERTIES	US20030666626 20030918	H01M4/86; H01M4/88; H01M8/02	FUEL CELL GAS DIFFUSION LAYER
JP2012212687 A 20121101	TOSHIBA HOME TECH CORP; TOSHIBA FUEL CELL POWER SYS	JP20120151609 20120705	H01M8/06; H01M8/04	FUEL CELL DEVICE
JP2012213284 A 20121101	NORITZ CORP	JP20110077761 20110331	H02P9/00	POWER GENERATION SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012213720 A 20121108	AZBIL CORP	JP20110080907 20110331	B01D53/32; A61L9/22; B01D53/38; B01D53/56; B01D53/74; C01B3/32; C01B3/36; F24F7/00; F24F7/007; F24F7/06; H05H1/24	GAS TREATMENT DEVICE
JP2012213721 A 20121108	AZBIL CORP	JP20110080914 20110331	B01D53/32; A61L9/22; B01D53/38; B01D53/56; B01D53/74	GAS TREATMENT DEVICE
JP2012213797 A 20121108	HONDA MOTOR CO LTD [JP]	JP20110082115 20110401	B21D39/02; B21D47/00; H01M2/04; H01M8/02	CAULKING DEVICE
JP2012214020 A 20121108	TOYOTA CENTRAL RES & DEV	JP20110074632 20110330; JP20120042527 20120228	B32B9/00; C08G75/10; C09K3/00; H01M4/86; H01M4/90	SURFACE MODIFIED MATERIAL, SULFONIMIDE COMPOUND FOR SURFACE MODIFICATION, AND FUEL CELL
JP2012214221 A 20121108	JX NIPPON OIL & ENERGY CORP [JP]	JP20120109719 20120511	B60R16/03; H01M8/00; H01M8/04; H01M8/06; H01M8/10; H01M8/12	SAFETY OPERATION METHOD OF EMERGENCY TIME COPING TYPE FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012214336 A 20121108	OSAKA GAS CO LTD [JP]	JP20110080979 20110331	C01B3/38; H01M8/04; H01M8/06	REFORMING SYSTEM
JP2012214342 A 20121108	NEC CORP	JP20110081286 20110331	C01B31/02; B82Y30/00; B82Y40/00; H01B1/04; H01B1/24; H01G9/058; H01M4/587; H01M4/62	CARBON NANOTUBE NANO HORN CONJUGATE, AND MANUFACTURING METHOD AND USE OF THE SAME
JP2012214367 A 20121108	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110067740 20110325; JP20120064744 20120322	C03B8/04; C03B20/00	GLASS TUBE AND METHOD FOR MANUFACTURING THE SAME
JP2012215103 A 20121108	TOYOTA MOTOR CORP	JP20110080375 20110331	F01N1/04; B60K13/04; B60L11/18; H01M8/00; H01M8/04; H01M8/06	MUFFLER FOR FUEL CELL VEHICLE
JP2012215334 A 20121108	OSAKA GAS CO LTD [JP]; UNIV OSAKA	JP20110080264 20110331	F24F3/147; B01D53/26; H01M8/00; H01M8/04; H01M8/06	AIR CONDITIONING SYSTEM
JP2012215365 A 20121108	YANMAR CO LTD	JP20110082021 20110401	F28F9/013; F28D7/16	HEAT EXCHANGER
JP2012216288 A 20121108	TOTO LTD [JP]	JP20110078887 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2012216289 A 20121108	TOTO LTD [JP]	JP20110078888 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012216290 A 20121108	TOTO LTD [JP]	JP20110078889 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL
JP2012216313 A 20121108	DAINIPPON PRINTING CO LTD [JP]	JP20110079151 20110331	H01M4/86; H01M4/88; H01M8/10	CATALYST LAYER FOR FUEL CELL, CATALYST LAYER FOR FUEL CELL PROVIDED WITH SUBSTRATE USING THE SAME, GAS DIFFUSION ELECTRODE FOR FUEL CELL, LAMINATE OF CATALYST LAYER FOR FUEL CELL AND ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL, FUEL CE
JP2012216319 A 20121108	HONDA MOTOR CO LTD [JP]	JP20110079246 20110331	H01M8/02; H01M4/86; H01M4/88	METAL SUPPORT TYPE ELECTROLYTE AND ELECTRODE ASSEMBLY AND METHOD OF MANUFACTURING THE SAME
JP2012216358 A 20121108	ENEOS CELLTECH CO LTD [JP]	JP20110079872 20110331	H01M8/04	FUEL CELL SYSTEM
JP2012216369 A 20121108	KANSAI ELECTRIC POWER CO [JP]; MITSUBISHI MATERIALS CORP	JP20110080010 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL OPERATION METHOD
JP2012216370 A 20121108	KANSAI ELECTRIC POWER CO [JP]; MITSUBISHI MATERIALS CORP	JP20110080011 20110331	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL OPERATION METHOD
JP2012216371 A 20121108	KANSAI ELECTRIC POWER CO [JP]; MITSUBISHI MATERIALS CORP	JP20110080012 20110331	H01M8/04; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL MODULE STRUCTURE AND OPERATION METHOD
JP2012216372 A 20121108	KANSAI ELECTRIC POWER CO [JP]; MITSUBISHI MATERIALS CORP	JP20110080013 20110331	H01M8/04; H01M8/12	EMERGENCY STOP METHOD FOR SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012216379 A 20121108	ENEOS CELLTECH CO LTD [JP]	JP20110080156 20110331	H01M8/02; H01M4/86; H01M4/88; H01M8/10	MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY, AND MANUFACTURING APPARATUS OF MEMBRANE ELECTRODE ASSEMBLY
JP2012216406 A 20121108	OSAKA GAS CO LTD [JP]	JP20110080574 20110331	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012216412 A 20121108	OSAKA GAS CO LTD [JP]	JP20110080766 20110331	H01M8/04; G01F1/66; G01F3/22; G08B21/16	GAS SUPPLY SYSTEM TO FUEL BATTERY
JP2012216416 A 20121108	DAINIPPON PRINTING CO LTD [JP]	JP20110080850 20110331	H01M4/86; B01J23/42; H01M4/88; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND MANUFACTURING METHOD THEREOF
JP2012216420 A 20121108	OSAKA GAS CO LTD [JP]	JP20110080978 20110331	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2012216421 A 20121108	OSAKA GAS CO LTD [JP]	JP20110080980 20110331	H01M8/04	FUEL CELL SYSTEM
JP2012216444 A 20121108	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110081433 20110401	H01M8/02	FUEL CELL
JP2012216446 A 20121108	PANASONIC CORP [JP]	JP20110081459 20110401	H01M8/02; C08J5/22; H01B13/00	MANUFACTURING METHOD OF MEMBRANE FOR FUEL CELL
JP2012216471 A 20121108	KONICA MINOLTA HOLDINGS INC [JP]	JP20110082059 20110401	H01M8/24; H01M4/88	METHOD FOR MANUFACTURING FUEL CELL STRUCTURE
JP2012216472 A 20121108	KONICA MINOLTA HOLDINGS INC [JP]	JP20110082061 20110401	H01M8/24; H01M8/02; H01M8/06; H01M8/12	FUEL BATTERY
JP2012216480 A 20121108	HONDA MOTOR CO LTD [JP]	JP20110082287 20110401	H01M8/04	SHUTDOWN METHOD OF FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012216508 A 20121108	OSAKA GAS CO LTD [JP]; KYOCERA CORP	JP20110070939 20110328; JP20120053578 20120309	H01M8/02; H01M8/12	SOLID OXIDE FUEL BATTERY CELL AND INTER-CELL CONNECTION MEMBER
JP2012216512 A 20121108	NIPPON CATALYTIC CHEM IND [JP]	JP20110071267 20110329; JP20120059858 20120316	H01M8/02; H01M4/88	METHOD FOR MANUFACTURING ELECTRODE-SUPPORTED HALF CELL AND METHOD FOR MANUFACTURING ELECTRODE-SUPPORTED CELL
JP2012216529 A 20121108	NGK SPARK PLUG CO [JP]; TOKYO GAS CO LTD [JP]	JP20110075424 20110330; JP20120074601 20120328	H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND METHOD OF MANUFACTURING THE SAME
JP2012216556 A 20121108	SANYO ELECTRIC CO [JP]	JP20120135292 20120615	H01M8/02; H01M8/10; H01M8/24	FUEL CELL AND FUEL CELL MODULE
JP2012216563 A 20121108	HONDA MOTOR CO LTD [JP]	JP20120179140 20120813	H01M8/24; H01M8/02	FUEL CELL STACK
JP2012217959 A 20121112	NIPPON TELEGRAPH & TELEPHONE; UNIV WASEDA	JP20110088039 20110412	B01D53/14; B01D53/62; B01J20/04; B01J20/10; H01M8/04; H01M8/06; H01M8/12	CARBON DIOXIDE SEPARATOR
JP2012218947 A 20121112	TOYOTA MOTOR CORP; AISIN SEIKI [JP]	JP20110082646 20110404	C01B3/38; H01M8/06	FUEL REFORMING SYSTEM, AND METHOD FOR CONTROLLING FUEL REFORMING SYSTEM
JP2012218965 A 20121112	PANASONIC CORP [JP]	JP20110085140 20110407	C01B3/38; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM EQUIPPED WITH THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012219008 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110090348 20110414	C01B3/38; H01M8/04; H01M8/12	THERMAL TREATMENT SYSTEM
JP2012219233 A 20121112	NIPPON TELEGRAPH & TELEPHONE	JP20110088946 20110413	C10L3/06; B01J21/06; B01J35/02; C07C1/12; C07C9/04	APPARATUS FOR RECYCLING CARBON DIOXIDE
JP2012220176 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110090344 20110414	F23L15/00; H01M8/04; H01M8/06; H01M8/12	HEAT TREATMENT SYSTEM
JP2012220330 A 20121112	PANASONIC CORP [JP]	JP20110086026 20110408	G01R22/00; G01R35/00; H02J3/38; H02M7/48	DISTRIBUTED POWER GENERATING SYSTEM
JP2012221555 A 20121112	PANASONIC CORP [JP]	JP20110082490 20110404	H01M4/86; H01M4/88; H01M8/02; H01M8/10	FUEL CELL MEA
JP2012221556 A 20121112	PANASONIC CORP [JP]	JP20110082491 20110404	H01B13/00; H01M8/02	FORMATION METHOD OF PROTON CONDUCTOR FILM
JP2012221559 A 20121112	TOYOTA MOTOR CORP	JP20110082498 20110404	H01M8/02	FUEL BATTERY CELL UNIT
JP2012221562 A 20121112	PANASONIC CORP [JP]	JP20110082562 20110404	H01M8/06; H01M8/04; H01M8/12	FUEL CELL SYSTEM
JP2012221564 A 20121112	DAINIPPON PRINTING CO LTD [JP]	JP20110082621 20110404	H01M8/04; H01M8/10	METHOD FOR AGING POLYMER ELECTROLYTE FUEL CELL AND POWER GENERATING SYSTEM USING THE CELL
JP2012221603 A 20121112	PANASONIC CORP [JP]	JP20110083305 20110405	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND OPERATION METHOD FOR THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012221609 A 20121112	TOYOTA MOTOR CORP	JP20110083467 20110405	H01M8/04; H01M8/10	FUEL CELL
JP2012221620 A 20121112	SAMSUNG YOKOHAMA RES INST CO	JP20110083632 20110405	H01M4/86; H01M8/02; H01M8/10	ELECTRODE FOR FUEL CELL, METHOD FOR PRODUCING THE SAME, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2012221623 A 20121112	NIPPON SOKEN; DENSO CORP [JP]	JP20110083756 20110405	H01M8/02; H01M4/86; H01M4/88; H01M8/12	METHOD FOR MANUFACTURING UNIT CELL FOR FUEL CELL, AND UNIT CELL FOR FUEL CELL
JP2012221630 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110083952 20110405	H01M8/24; H01M8/04; H01M8/06; H01M8/12	FUEL CELL SYSTEM
JP2012221637 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110084146 20110406	H01M8/04; F17C7/00; F17C13/00	HIGH PRESSURE GAS SUPPLY SYSTEM
JP2012221651 A 20121112	TOYOTA MOTOR CORP	JP20110084352 20110406	H01M8/02	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012221657 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110084473 20110406	H01M8/04	FUEL CELL SYSTEM
JP2012221666 A 20121112	PANASONIC CORP [JP]	JP20110084911 20110406	H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
JP2012221667 A 20121112	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110084919 20110406	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
JP2012221674 A 20121112	PANASONIC CORP [JP]	JP20110085141 20110407	H01M8/06; H01M8/04	FUEL CELL SYSTEM
JP2012221720 A 20121112	PANASONIC CORP [JP]	JP20110086017 20110408	H01M8/04; H01M8/06	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012221723 A 20121112	PANASONIC CORP [JP]	JP20110086029 20110408	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012221735 A 20121112	UNIV KUMAMOTO; KURARAY CO	JP20110086206 20110408	H01M4/90; B01J27/24; H01M4/96	ELECTRODE CATALYST FOR FUEL CELL
JP2012221775 A 20121112	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110087013 20110411	H01M8/18; H01M8/02	BIPOLAR PLATE FOR REDOX FLOW BATTERY AND MANUFACTURING METHOD THEREFOR
JP2012221791 A 20121112	TOTO LTD [JP]	JP20110087318 20110411	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL DEVICE
JP2012221792 A 20121112	TOTO LTD [JP]	JP20110087320 20110411	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL DEVICE
JP2012221806 A 20121112	NIPPON STEEL CORP [JP]	JP20110087560 20110411	H01M4/86; B01J23/42; H01M8/10	FUEL CELL
JP2012221826 A 20121112	TOYOTA MOTOR CORP	JP20110088115 20110412	H01M4/88; H01M8/04	SIMULATION DEVICE
JP2012221863 A 20121112	RENAISSANCE ENERGY RES KK; DAIDO GAKUEN	JP20110088794 20110413	H01M8/06; B01J23/80; B01J23/86; H01M8/02; H01M8/04	FUEL CELL SYSTEM
JP2012221878 A 20121112	DENSO CORP [JP]; TOYOTA MOTOR CORP	JP20110089209 20110413	H01M8/04	FUEL CELL SYSTEM
JP2012221890 A 20121112	TOYOTA MOTOR CORP	JP20110089391 20110413	H01M8/04	DRY-UP INHIBITION METHOD OF FUEL CELL
JP2012221928 A 20121112	SHOWA DENKO KK [JP]	JP20110090277 20110414	H01M4/88; H01M4/90; H01M8/02; H01M8/10	MANUFACTURING METHOD OF ELECTROLYTE MEMBRANE-CATALYST LAYER ASSEMBLY



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012221929 A 20121112	SHOWA DENKO KK [JP]	JP20110090278 20110414	H01M4/88; H01M4/90; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY, AND METHOD FOR MANUFACTURING SOLID POLYMER FUEL CELL
JP2012221934 A 20121112	HONDA MOTOR CO LTD [JP]	JP20110090349 20110414	H01M8/04; H01M8/06; H01M8/12	FUEL CELL MODULE
JP2012222923 A 20121112	PANASONIC CORP [JP]	JP20110085139 20110407	H02J3/38	DISTRIBUTED GENERATOR
JP2012223693 A 20121115	SUMITOMO CHEMICAL CO [JP]	JP20110092731 20110419	B01J37/32; B01J21/18; B01J37/10; H01M4/88; H01M4/96	METHOD FOR PRODUCING ELECTRODE CATALYST
JP2012224490 A 20121115	HYOGO PREFECTURE; NIPPON ELECTRIC GLASS CO [JP]	JP20110092043 20110418	C03C4/14; C03C3/064; C03C3/068; C03C3/097; C03C10/02; H01B1/06; H01B1/08; H01M4/86; H01M8/02	CONDUCTIVE MATERIAL
JP2012224878 A 20121115	NISSAN MOTOR [JP]	JP20110090936 20110415	C23C14/50	MECHANISM FOR MOVING WORKPIECE FOR VAPOR DEPOSITION APPARATUS, AND VAPOR DEPOSITION METHOD USING THE SAME
JP2012224892 A 20121115	TOYOTA MOTOR CORP	JP20110091870 20110418	C23C16/458; C23C14/50	FILM FORMING APPARATUS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012224897 A 20121115	SUMITOMO CHEMICAL CO [JP]	JP20110092343 20110418	C22C21/00; C22F1/04; C22F1/047; C25D7/00; C25D11/04; C25D11/18; H01G9/042; H01G9/055; H01M2/02; H01M4/66; H01M8/02; H01M12/06	ALUMINUM MATERIAL
JP2012225361 A 20121115	AISIN SEIKI [JP]	JP20110091179 20110415	F16K31/04; F16K1/32; F16K1/48; F16K31/126; H01M8/04	REGULATING VALVE AND FUEL CELL SYSTEM EQUIPPED WITH THE VALVE
JP2012225543 A 20121115	TOKYO GAS CO LTD [JP]	JP20110091823 20110418	F24H1/00; H01M8/00	METHOD FOR CONTROLLING HEAT ACCOMMODATION
JP2012226843 A 20121115	TOYOTA MOTOR CORP	JP20110090667 20110415	H01M8/02; H01M8/24	FUEL CELL
JP2012226844 A 20121115	TOYOTA MOTOR CORP	JP20110090674 20110415	H01M4/88	METHOD OF MANUFACTURING GAS DIFFUSION LAYER FOR FUEL CELL
JP2012226845 A 20121115	FUJI ELECTRIC CO LTD	JP20110090702 20110415	H01M8/02; H01M8/12	FUEL CELL
JP2012226846 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110090720 20110415	H01M8/24; G01L5/00; H01M8/04	FUEL CELL SYSTEM
JP2012226847 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110090722 20110415	H01M8/02; H01M4/86; H01M8/10	ELECTROLYTE MEMBRANE AND ELECTRODE STRUCTURE FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012226848 A 20121115	PANASONIC CORP [JP]	JP20110090777 20110415	H01M8/02; H01M8/10	ELECTRODE-MEMBRANE-FRAME ASSEMBLY OF POLYMER ELECTROLYTE FUEL CELL AND METHOD FOR PRODUCING THE SAME
JP2012226868 A 20121115	TOYOTA MOTOR CORP	JP20110091129 20110415	H01M8/02	SEPARATOR FOR FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012226870 A 20121115	JX NIPPON OIL & ENERGY CORP [JP]; DAINICHI CO LTD [JP]	JP20110091163 20110415	H01M8/24; H01M8/04	FUEL CELL MODULE
JP2012226884 A 20121115	PANASONIC CORP [JP]	JP20110091665 20110418	H01M8/04	FUEL CELL SYSTEM
JP2012226896 A 20121115	TOYOTA MOTOR CORP	JP20110091901 20110418	H01M8/24; H01M8/04; H01M8/06	FUEL CELL SYSTEM AND FUEL CELL STACK
JP2012226897 A 20121115	TOYOTA MOTOR CORP	JP20110091902 20110418	H01M4/88; D06H7/00	METHOD FOR CUTTING GAS DIFFUSION LAYER BASE MATERIAL
JP2012226907 A 20121115	TOKAI RUBBER IND LTD [JP]	JP20110092159 20110418	H01M8/02	ADHESIVE SEALING MEMBER FOR FUEL CELL
JP2012226908 A 20121115	TOKAI RUBBER IND LTD [JP]	JP20110092165 20110418	H01M8/02	ADHESIVE SEALING MEMBER FOR FUEL CELL
JP2012226933 A 20121115	PANASONIC CORP [JP]	JP20110092695 20110419	H01M8/02; H01M8/10	FUEL BATTERY
JP2012226939 A 20121115	TOYOTA MOTOR CORP	JP20110092801 20110419	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012226952 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110093175 20110419	H01M8/02; H01M4/86; H01M4/88; H01M8/10	METHOD OF MANUFACTURING FUEL CELL ELECTROLYTE MEMBRANE/ELECTRODE STRUCTURE
JP2012226970 A 20121115	TOYOTA CENTRAL RES & DEV; TOYOTA MOTOR CORP	JP20110093533 20110419	H01M8/02; C08F216/16; H01B1/06	ELECTROLYTE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012226972 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110093567 20110420	H01M8/18; B60L11/18; H01M8/00; H01M8/04; H01M8/06	REDOX FUEL CELL SYSTEM AND FUEL CELL VEHICLE
JP2012226974 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110093609 20110420	H01M8/00; B60L11/18; H01M8/02; H01M8/04; H01M8/06; H01M8/18	REDOX FUEL CELL SYSTEM AND FUEL CELL VEHICLE
JP2012226979 A 20121115	TOYOTA MOTOR CORP	JP20110093646 20110420	H01M8/02	FUEL CELL
JP2012226987 A 20121115	PANASONIC CORP [JP]	JP20110093734 20110420	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012227003 A 20121115	UNIV HIROSHIMA	JP20110094032 20110420	H01M8/04; F17C11/00; F24H1/00; H01M8/00	FUEL BATTERY SYSTEM AND HOT-WATER SUPPLY SYSTEM
JP2012227008 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094155 20110420	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
JP2012227019 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094344 20110420	H01M8/02; H01M8/10; H01M8/24	FUEL CELL UNIT
JP2012227020 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094346 20110420	H01M8/24; H01M8/02; H01M8/10	FUEL CELL
JP2012227024 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094364 20110420	H01M8/02; H01M8/10; H01M8/24	FUEL CELL
JP2012227036 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094713 20110421	H01M8/02; H01M8/10	FUEL CELL SEPARATOR AND METHOD FOR MANUFACTURING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012227044 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110094888 20110421	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING THE SAME
JP2012227064 A 20121115	MITSUBISHI HEAVY IND LTD	JP20110095477 20110421	H01M8/04; H01M8/00; H01M8/12	FUEL BATTERY-GAS TURBINE COMBINED POWER GENERATION SYSTEM AND FUEL BATTERY SHUTDOWN METHOD
JP2012227065 A 20121115	MITSUBISHI HEAVY IND LTD	JP20110095478 20110421	H01M8/04	FUEL CELL SYSTEM
JP2012227069 A 20121115	AISIN SEIKI [JP]; TOYOTA MOTOR CORP; JAPAN FINE CERAMICS CT	JP20110095568 20110422	H01M4/88; C04B35/64; C04B38/00	METHOD FOR PRODUCING BAKED ELECTRODE FOR FUEL CELL
JP2012227070 A 20121115	NAT INST FOR MATERIALS SCIENCE	JP20110095576 20110422	H01M4/86; H01M8/02; H01M8/12	COMPOSITE CATHODE MATERIAL FOR SOLID OXIDE FUEL CELL OPERATING AT MEDIUM-LOW TEMPERATURE, COMPOSITE CATHODE FOR SOLID OXIDE FUEL CELL, AND METHOD FOR MANUFACTURING ELECTROLYTE-COMPOSITE CATHODE STRUCTURE FOR SOLID OXIDE FUEL CELL
JP2012227094 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110096049 20110422	H01M8/02	FUEL CELL
JP2012227098 A 20121115	TOKYO GAS CO LTD [JP]; KYOCERA CORP [JP]	JP20110096154 20110422	H01M8/24; H01M8/12	HORIZONTAL STRIPE SOFC STACK
JP2012227104 A 20121115	KYOCERA CORP [JP]	JP20110096261 20110422	H01M8/02	FUEL BATTERY CELL DEVICE
JP2012227132 A 20121115	HONDA MOTOR CO LTD [JP]	JP20110085002 20110407; JP20120071613 20120327	H01M8/02	METHOD OF MANUFACTURING METAL SEPARATOR
JP2012227159 A 20121115	TOYOTA MOTOR CORP	JP20120160902 20120719	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012228640 A 20121122	NGK SPARK PLUG CO [JP]; TOKYO GAS CO LTD [JP]	JP20110097515 20110425	B01D53/22; B01D69/10; B01D69/12; B01D71/02; C01B3/38; C01B3/56	GAS SEPARATION APPARATUS
JP2012229137 A 20121122	PANASONIC CORP [JP]	JP20110097854 20110426	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATING APPARATUS, FUEL CELL SYSTEM AND OPERATION METHOD OF HYDROGEN GENERATING APPARATUS
JP2012229418 A 20121122	KANEKA CORP; UNIV YAMANASHI	JP20110090443 20110414; JP20120092350 20120413	C08G61/12; H01B1/06; H01M8/02; H01M8/10	POLYMER ELECTROLYTE AND USE THEREOF
JP2012229423 A 20121122	TOYOTA ENG & MFG NORTH AMERICA; UNIV CASE WESTERN RESERVE	US20070770249 20070628	C08J5/22; C08G79/04; H01B1/06; H01M8/02; H01M8/10	PROTON EXCHANGE MEMBRANE FOR FUEL CELL
JP2012230791 A 20121122	DENSO CORP [JP]	JP20110097494 20110425	H01M8/04; G01R19/08	CURRENT MEASUREMENT DEVICE
JP2012230794 A 20121122	NORITAKE CO LTD [JP]	JP20110097661 20110425	H01M4/90; C01G49/00; C01G53/00; C04B35/50; H01M8/02; H01M8/12	COMPOSITE MATERIAL, AND USE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012230795 A 20121122	NORITAKE CO LTD [JP]	JP20110097668 20110425	H01M4/86; C01G45/00; C01G51/00; C01G53/00; H01M8/02; H01M8/12; H01M8/24	COMPOSITE MATERIAL, AND USE THEREOF
JP2012230800 A 20121122	PANASONIC CORP [JP]	JP20110097855 20110426	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME
JP2012230804 A 20121122	AISIN SEIKI [JP]	JP20110097889 20110426	H01M8/02; H01M8/10	MULTILAYER MEMBRANE AND FUEL CELL
JP2012230807 A 20121122	HONDA MOTOR CO LTD [JP]	JP20110097913 20110426	H01M8/04	FUEL CELL SYSTEM AND SHUTDOWN METHOD THEREOF
JP2012230818 A 20121122	NGK SPARK PLUG CO [JP]	JP20110098245 20110426	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
JP2012230844 A 20121122	DAIHATSU MOTOR CO LTD	JP20110099086 20110427	H01M8/04; H01M8/10	DISASSEMBLY METHOD FOR FUEL CELL
JP2012230845 A 20121122	AISIN SEIKI [JP]	JP20110099131 20110427	H01M4/86	ELECTRODE PLATE
JP2012230875 A 20121122	NGK SPARK PLUG CO [JP]	JP20110100163 20110427	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD OF THE SAME
JP2012230887 A 20121122	TOSHIBA CORP	JP20110091302 20110415; JP20120074223 20120328	H01B1/16; C04B38/00; H01M8/02	CONDUCTIVE POROUS MATERIAL, FUEL CELL, AND ELECTROLYSIS CELL
JP2012230915 A 20121122	SHARP KK [JP]	JP20060157511 20060606; JP20120166958 20120727	H01M8/02; H01M8/00; H01M8/04; H01M8/06	FUEL CELL, FUEL CELL SYSTEM, AND ELECTRONIC DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012231568 A 20121122	TOKYO GAS CO LTD [JP]	JP20110097281 20110425	H02J3/46; H01M8/00; H01M8/04	SYSTEM AND METHOD FOR CONTROLLING POWER GENERATION OUTPUT OF DISTRIBUTED POWER SUPPLY
JP2012232297 A 20121129	MITSUBISHI HEAVY IND LTD	JP20120135529 20120615	B01D53/26; B01D63/06; H01M8/04; H01M8/06	WATER REMOVING APPARATUS AND FUEL CELL POWER GENERATION SYSTEM USING THE SAME
JP2012232895 A 20121129	SIGNA CHEMISTRY LLC; UNIV MICHIGAN STATE	US20040578818P 20040614; US20050667693P 20050404	C01B33/06; C01B3/06; C01B3/08; H01M8/06	SILICIDE COMPOSITION CONTAINING ALKALI METAL AND METHOD OF PRODUCING THE SAME
JP2012233609 A 20121129	PANASONIC CORP [JP]	JP20110101083 20110428	F24H1/00; H01M8/00; H01M8/04; H01M8/06	HOT WATER STORAGE TANK FOR FUEL CELL, AND POWER GENERATION SYSTEM
JP2012233637 A 20121129	NORITZ CORP	JP20110102570 20110429	F24H1/00; F24H1/12; F24H1/18; H01M8/00; H01M8/04	EXHAUST HEAT RECOVERY DEVICE
JP2012234639 A 20121129	TOKAI CARBON KK	JP20110100655 20110428	H01M8/02	METHOD OF MANUFACTURING FUEL CELL SEPARATOR
JP2012234644 A 20121129	FUJI ELECTRIC CO LTD; SANTOKU CORP [JP]	JP20110100763 20110428	H01M8/02; H01M8/10	FUEL CELL
JP2012234658 A 20121129	TOYOTA MOTOR CORP; NIPPON SOKEN	JP20110101054 20110428	H01M8/02; H01M4/86	FUEL CELL
JP2012234673 A 20121129	TOYOTA CENTRAL RES & DEV; JAPAN ADV INST SCIENCE & TECH	JP20110101633 20110428	H01M10/0565; C08F8/42; H01B1/06; H01G9/038	ION CONDUCTION MEDIUM, POWER STORAGE DEVICE, METHOD FOR MANUFACTURING ION CONDUCTION MEDIUM, AND ORGANIC BORON BASE POLYMER



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012234680 A 20121129	NORITAKE CO LTD [JP]	JP20110101758 20110428	H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM
JP2012234682 A 20121129	TOYOTA MOTOR CORP; AISIN SEIKI [JP]	JP20110101815 20110428	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012234689 A 20121129	KYOCERA CORP [JP]; OSAKA GAS CO LTD [JP]	JP20110102083 20110428	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012234690 A 20121129	KYOCERA CORP [JP]; OSAKA GAS CO LTD [JP]	JP20110102084 20110428	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012234694 A 20121129	KOBE STEEL LTD [JP]	JP20110102240 20110428	H01M8/02	METHOD FOR MANUFACTURING FUEL CELL SEPARATOR
JP2012234708 A 20121129	NORITZ CORP	JP20110102572 20110429	H01M8/04	WASTE-HEAT RECOVERY APPARATUS
JP2012234712 A 20121129	TOYOTA MOTOR CORP	JP20110102677 20110502	H01M8/02; H01B13/00; H01M8/10	MANUFACTURING METHOD AND MANUFACTURING APPARATUS FOR ELECTROLYTE MEMBRANE
JP2012234713 A 20121129	TOYOTA MOTOR CORP	JP20110102679 20110502	H01M8/02	METHOD FOR JOINING ELECTROLYTE MEMBRANE AND FILM, AND METHOD FOR MANUFACTURING FUEL CELL
JP2012234727 A 20121129	AQUAFAIRY KK	JP20110103000 20110502	H01M8/06; H01M8/04	POWER GENERATING APPARATUS, AND POWER GENERATING METHOD
JP2012234738 A 20121129	NISSAN MOTOR [JP]	JP20110103462 20110506	H01M8/02; H01M8/24	FUEL CELL
JP2012234742 A 20121129	TOYOTA MOTOR CORP	JP20110103499 20110506	H01M4/88; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL
JP2012234745 A 20121129	KONICA MINOLTA HOLDINGS INC [JP]	JP20110103674 20110506	H01M8/04; H01M8/06	SECONDARY BATTERY TYPE FUEL CELL SYSTEM
JP2012234747 A 20121129	CENTRAL RES INST ELECT	JP20110103854 20110506	H01M8/02; C01F17/00; C01G25/00; H01M4/94; H01M8/12	COMPOSITE MEMBRANE STRUCTURE AND FUEL CELL, AND METHODS FOR MANUFACTURING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012234750 A 20121129	DENSO CORP [JP]	JP20110103900 20110507	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL CELL AND FUEL CELL SYSTEM
JP2012234781 A 20121129	HONDA MOTOR CO LTD [JP]	JP20110104634 20110509	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012234806 A 20121129	HONDA MOTOR CO LTD [JP]	JP20110096102 20110422; JP20120095574 20120419	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
JP2012234824 A 20121129	HYUNDAI HYSCO [KR]	KR20060100502 20061016; KR20070006475 20070122	H01M8/02	METALLIC SEPARATOR FOR FUEL CELL
JP2012234837 A 20121129	TOSHIBA FUEL CELL POWER SYS; TOSHIBA CORP	JP20120193467 20120903	H01M8/04; H01M8/02; H01M8/06	FUEL CELL SYSTEM AND CONTROL METHOD OF THE SAME
JP2012235628 A 20121129	TOYOTA MOTOR CORP	JP20110102870 20110502	B60L11/18; B60L3/00; G01R19/00; H01M10/48; H02M7/48	ELECTRIC DRIVE SYSTEM
JP2012236138 A 20121206	ISHIFUKU METAL IND; UNIV GUNMA	JP20110106138 20110511	B01J23/42; B01J37/08; H01M4/92; H01M4/96	CATHODE PLATINUM CATALYST FOR HIGHLY ACTIVE FUEL CELL
JP2012236725 A 20121206	MITSUBISHI HEAVY IND LTD	JP20110105124 20110510	C01B3/06; H01M8/04	METHOD FOR GENERATING HYDROGEN, AND FUEL CELL SYSTEM
JP2012236726 A 20121206	MITSUBISHI HEAVY IND LTD	JP20110105125 20110510	C01B13/02; H01M8/06	METHOD FOR GENERATING OXYGEN, AND FUEL CELL SYSTEM
JP2012236763 A 20121206	SUMITOMO OSAKA CEMENT CO LTD	JP20120158944 20120717	C01G25/02; C01G25/00	METHOD FOR PRODUCING PARTICLE AGGREGATE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012236979 A 20121206	TOYOTA MOTOR CORP	JP20110099535 20110427; JP20120090142 20120411	C08F30/02; H01B1/06; H01M8/02; H01M8/10	PHOSPHONIC ACID-BASED ELECTROLYTE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
JP2012238398 A 20121206	DAIDO GAKUEN	JP20110104749 20110509	H01M4/86; H01M8/02; H01M8/10	MODERATE TEMPERATURE PROTON EXCHANGE MEMBRANE FUEL CELL
JP2012238415 A 20121206	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20110105098 20110510	H05B3/10	GAS HEATING DEVICE AND GAS DECOMPOSITION DEVICE
JP2012238424 A 20121206	TOSHIBA FUEL CELL POWER SYS	JP20110105363 20110510	H01M8/04; F24H1/00; H01M8/00	FUEL CELL POWER GENERATION SYSTEM AND METHOD OF SUPPLYING POWER TO ELECTRIC HEATER IN FUEL CELL POWER GENERATION SYSTEM
JP2012238429 A 20121206	OLYMPUS CORP [JP]	JP20110105555 20110510	H01M8/06; H01M8/04	SUGAR-AIR FUEL CELL
JP2012238460 A 20121206	DENSO CORP [JP]; NIPPON SOKEN	JP20110106232 20110511	H01M8/04	ELECTRIC CURRENT MEASUREMENT DEVICE
JP2012238485 A 20121206	HONDA MOTOR CO LTD [JP]	JP20110106886 20110512	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
JP2012238525 A 20121206	PANASONIC CORP [JP]	JP20110108001 20110513	H01M14/00; H01M8/06	PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING THE SAME
JP2012238551 A 20121206	TOYOTA BOSHOKU CORP	JP20110108378 20110513	H01M8/04	COOLING SYSTEM FOR FUEL CELL
JP2012238556 A 20121206	NISSAN MOTOR [JP]	JP20110108506 20110513	H01M8/02; H01M8/00	FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012238590 A 20121206	JAPAN VILENE CO LTD [JP]; UNIV TOKYO METROPOLITAN	JP20110101195 20110428; JP20120103174 20120427	H01M8/02; C08J5/04; C08K3/36; C08L79/04; C08L79/08; D04H1/4326; D04H1/728; D06M11/70; D06M15/59	COMPOSITE MEMBRANE, AND METHOD FOR MANUFACTURING THE SAME
JP2012238599 A 20121206	7188501 CANADA INC	US20030482010P 20030625; US20030495091P 20030815	H01M8/04; H01M8/06; H01M8/10	FUEL CELL MODULE AND PROCESS FOR BLOCKING FUEL CELL
JP2012238622 A 20121206	KYOCERA CORP [JP]	JP20120201694 20120913	H01M8/02; H01M8/12; H01M8/24	FUEL CELL
JP2012239245 A 20121206	BLUE AQUA INDUSTRY KK	JP20110104800 20110509	H02J3/28; H01M8/00; H01M8/06; H01M12/06; H02J3/32; H02J3/38; H02J7/00; H02J7/35	POWER DISTRIBUTION SYSTEM
JP2012239311 A 20121206	HONDA MOTOR CO LTD [JP]	JP20110106769 20110512	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2012239932 A 20121210	TOYOTA MOTOR CORP	JP20110109171 20110516	B01J23/42; B01J37/00; B01J37/16; H01M4/88; H01M8/10	MANUFACTURING METHOD FOR CATALYST SUPPORT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012239941 A 20121210	METAWATER CO LTD	JP20110109788 20110516	C02F11/04; B01D24/00; B01D24/46; B09B3/00; H01M8/04; H01M8/06	WASTEWATER TREATMENT SYSTEM
JP2012240893 A 20121210	PANASONIC CORP [JP]	JP20110113821 20110520	C01B3/38	HYDROGEN GENERATING APPARATUS
JP2012241090 A 20121210	TOYO BOSEKI	JP20110111440 20110518	C08G65/40; C08G81/00; C08G85/00; H01B1/06; H01B1/12; H01M8/02; H01M8/10	NOVEL IONIZABLE GROUP-CONTAINING POLYMER AND APPLICATION OF THE SAME
JP2012241201 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110109209 20110516	C25B9/00	DIFFERENTIAL PRESSURE TYPE WATER ELECTROLYSIS APPARATUS
JP2012241207 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110109967 20110517	C25B9/00; C25B1/04	WATER ELECTROLYSIS SYSTEM
JP2012241751 A 20121210	NISSAN MOTOR [JP]	JP20110110226 20110517	F16J15/04; F16B5/02; F16B33/06; F16B35/00; H01M8/12; H01M8/24	GAS SEAL STRUCTURE OF BOLT TIGHTENING PORTION AND SOLID OXIDE FUEL CELL HAVING THE GAS SEAL STRUCTURE
JP2012243402 A 20121210	DENSO CORP [JP]	JP20110109157 20110516	H01M8/04; H01L35/16; H01L35/30; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2012243412 A 20121210	NISSAN MOTOR [JP]	JP20110109570 20110516	H01M8/24; H01M8/10	FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012243413 A 20121210	NGK SPARK PLUG CO [JP]	JP20110109583 20110516	H01M8/06; H01M8/04	FUEL CELL MODULE AND FUEL CELL SYSTEM
JP2012243416 A 20121210	TOYOTA MOTOR CORP	JP20110109694 20110516	H01M8/04; B60L11/18; H01M8/00; H01M8/06	AIR SUPPLY DEVICE OF VEHICULAR FUEL CELL
JP2012243430 A 20121210	TOYOTA MOTOR CORP	JP20110109968 20110517	H01M8/02; H01M8/10	FUEL CELL AND METHOD FOR MANUFACTURING FUEL CELL
JP2012243431 A 20121210	TOYOTA MOTOR CORP	JP20110109981 20110517	H01M4/96; H01M4/86; H01M8/10	FUEL CELL
JP2012243437 A 20121210	NIPPON TELEGRAPH & TELEPHONE	JP20110110071 20110517	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012243442 A 20121210	PANASONIC CORP [JP]	JP20110110089 20110517	H01M8/02; H01M4/86; H01M8/04; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY, SOLID POLYMER FUEL CELL, AND FUEL CELL SYSTEM
JP2012243450 A 20121210	TOSHIBA FUEL CELL POWER SYS	JP20110110234 20110517	H01M4/86; H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
JP2012243451 A 20121210	TOYOTA MOTOR CORP	JP20110110258 20110517	H01M8/02; C08J5/22; H01B13/00; H01M8/10	MANUFACTURING METHOD OF ELECTROLYTE MEMBRANE FOR FUEL CELL
JP2012243468 A 20121210	TOYOTA BOSHOKU CORP	JP20110110699 20110517	H01M8/04	POWER SUPPLY DEVICE OF FUEL CELL SYSTEM
JP2012243520 A 20121210	TOYOTA MOTOR CORP	JP20110111647 20110518	H01M4/86; H01M8/02; H01M8/10	FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
JP2012243570 A 20121210	TOYOTA MOTOR CORP; TOYOTA AUTO BODY CO LTD [JP]	JP20110112466 20110519	H01M8/02; H01M8/10	FUEL CELL, EXPANDED METAL FOR FUEL CELL, AND DEVICE AND METHOD FOR MANUFACTURING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012243580 A 20121210	TOKAI RUBBER IND LTD [JP]; TOYOTA MOTOR CORP	JP20110112836 20110519	H01M8/02	FUEL CELL ASSEMBLY AND MANUFACTURING METHOD OF THE SAME
JP2012243595 A 20121210	NORITZ CORP	JP20110113077 20110520	H01M8/04	FUEL CELL POWER GENERATION EQUIPMENT
JP2012243625 A 20121210	KOBE STEEL LTD [JP]	JP20110113548 20110520	H01M8/02	METHOD FOR MANUFACTURING FUEL CELL SEPARATOR
JP2012243630 A 20121210	TOYOTA MOTOR CORP	JP20110113631 20110520	H01M8/02; H01M4/86	FUEL CELL
JP2012243656 A 20121210	TOYOTA MOTOR CORP	JP20110114342 20110523	H01M8/02; H01M8/10	METHOD FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, AND MEMBRANE ELECTRODE ASSEMBLY
JP2012243664 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110114504 20110523	H01M8/04	FUEL CELL SYSTEM AND SHUTDOWN METHOD THEREOF
JP2012243693 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110115324 20110524	H01M4/88; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY
JP2012243698 A 20121210	PANASONIC CORP [JP]	JP20110115409 20110524	H01M8/02; H01M8/10	COMPOUND FOR FUEL CELL SEPARATOR, METHOD FOR MANUFACTURING FUEL CELL SEPARATOR, AND FUEL CELL SEPARATOR
JP2012243724 A 20121210	NAT INST OF ADV IND & TECHNOL	JP20110115931 20110524	H01M8/06; H01M4/90; H01M8/10	DIRECT LIQUID FUEL CELL
JP2012244712 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110111030 20110518	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
JP2012244714 A 20121210	HONDA MOTOR CO LTD [JP]	JP20110111034 20110518	B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012244982 A 20121213	NIPPON TELEGRAPH & TELEPHONE; UNIV TOHOKU	JP20110121845 20110531	C12M1/107; B01D53/62; C10L1/00; H01M8/00; H01M8/06	DEVICE FOR EFFECTIVE USE OF CARBON DIOXIDE
JP2012245510 A 20121213	NIPPON TELEGRAPH & TELEPHONE; UNIV WASEDA	JP20110121841 20110531	B01D53/62; B01D53/14; B01J20/04; B01J20/10; B01J20/34; C01B31/20; H01M8/00; H01M8/06; H01M8/12	SEPARATION SYSTEM OF CARBON DIOXIDE
JP2012246170 A 20121213	PANASONIC CORP [JP]	JP20110118567 20110527	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATING APPARATUS, FUEL CELL SYSTEM, AND METHOD FOR OPERATING HYDROGEN GENERATING APPARATUS
JP2012246179 A 20121213	PANASONIC CORP [JP]	JP20110119039 20110527	C01B3/38; H01M8/06	HYDROGEN GENERATION APPARATUS AND FUEL CELL SYSTEM
JP2012246188 A 20121213	KYOCERA CORP [JP]	JP20110119816 20110528	C04B35/50; C01G37/00	OXYGEN ION CONDUCTOR, AND ELECTROCHEMICAL DEVICE USING THE SAME
JP2012246518 A 20121213	NISSAN MOTOR [JP]	JP20110117572 20110526	C25D7/00; C25D5/26; H01B5/02; H01M8/02	CONDUCTIVE UNEVEN LAYER



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012246559 A 20121213	TOYOTA CENTRAL RES & DEV	JP20110121276 20110531	C23C14/08; C01B21/097; C01B25/37; C22C14/00; C22C45/10; C22F1/18; C23C8/24; C23C8/36; H01B1/08; H01B5/02; H01B13/00	CORROSION-RESISTANT CONDUCTIVE FILM, METHOD FOR PRODUCTION THEREOF, AND CORROSION-RESISTANT CONDUCTIVE MATERIAL
JP2012247008 A 20121213	KEIHIN CORP [JP]; HONDA MOTOR CO LTD [JP]	JP20110119480 20110527	F16K11/14; F16K31/54	VALVE DEVICE
JP2012247011 A 20121213	KEIHIN CORP [JP]; HONDA MOTOR CO LTD [JP]	JP20110119597 20110527	F16K5/06; F16K1/22; F16K31/04	VALVE DEVICE
JP2012247012 A 20121213	KEIHIN CORP [JP]; HONDA MOTOR CO LTD [JP]	JP20110119630 20110527	F16K5/06; F16K35/00	VALVE DEVICE
JP2012247053 A 20121213	ITO KOKI KK	JP20110121904 20110531	F16K27/02; F16K17/30; F16K27/00	COMPOSITE VALVE
JP2012248305 A 20121213	DENSO CORP [JP]	JP20110116761 20110525	H01M8/04; G01R27/02	IMPEDANCE MEASURING APPARATUS
JP2012248316 A 20121213	MAGUNEKUSU KK	JP20110117054 20110525	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012248317 A 20121213	KYOCERA CORP [JP]	JP20110117084 20110525	H01M8/04; H01M8/06	FUEL CELL DEVICE
JP2012248321 A 20121213	PANASONIC CORP [JP]	JP20110117161 20110525	H01M8/04	FUEL CELL SYSTEM AND OPERATIONAL METHOD THEREFOR
JP2012248322 A 20121213	PANASONIC CORP [JP]	JP20110117162 20110525	H01M8/04	FUEL CELL SYSTEM AND OPERATIONAL METHOD THEREFOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012248341 A 20121213	NIPPON SOKEN; TOYOTA MOTOR CORP	JP20110117434 20110525	H01M8/02; H01M4/86; H01M8/10	FUEL CELL
JP2012248365 A 20121213	NIPPON STEEL CORP [JP]	JP20110117952 20110526	H01M4/90; B01J23/89; H01M4/86; H01M4/94; H01M8/10	CATALYST FOR SOLID POLYMER FUEL CELL
JP2012248371 A 20121213	HONDA MOTOR CO LTD [JP]	JP20110118221 20110526	H01M8/02; H01M8/10	METHOD FOR PRODUCING ELECTROLYTE MEMBRANE-ELECTRODE STRUCTURE FOR FUEL CELL
JP2012248388 A 20121213	DAIHATSU MOTOR CO LTD	JP20110118937 20110527	H01M4/90; H01M8/02; H01M8/10	FUEL CELL
JP2012248400 A 20121213	SANYO ELECTRIC CO [JP]	JP20110119122 20110527	H01M8/02	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
JP2012248408 A 20121213	NIDAIKI KK	JP20110119319 20110527	H01M8/18; H01M8/02	BARRIER MEMBRANE FOR REDOX FLOW BATTERY AND MANUFACTURING METHOD THEREOF
JP2012248421 A 20121213	TOYOTA MOTOR CORP	JP20110119478 20110527	H01M8/04	FUEL CELL SYSTEM
JP2012248444 A 20121213	PANASONIC CORP [JP]	JP20110119909 20110530	H01M8/02; H01M8/10	FUEL BATTERY CELL AND FUEL BATTERY CELL STACK
JP2012248460 A 20121213	NISSAN MOTOR [JP]	JP20110120241 20110530	H01M8/02	FUEL CELL UNIT AND FUEL CELL STACK
JP2012248473 A 20121213	KYOCERA CORP [JP]	JP20110120650 20110530	H01M8/02; H01M8/12; H01M8/24	SOLID OXIDE FUEL BATTERY CELL
JP2012248492 A 20121213	HITACHI LTD [JP]	JP20110121220 20110531	H01M8/02; H01M8/10	SOLID POLYMER FUEL CELL
JP2012248493 A 20121213	HITACHI LTD [JP]	JP20110121221 20110531	H01M8/04; H01M8/10	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012248503 A 20121213	NORITZ CORP	JP20110121408 20110531	H01M8/04	POWER GENERATION SYSTEM
JP2012248522 A 20121213	DAIHATSU MOTOR CO LTD	JP20110121952 20110531	H01M8/04	FUEL CELL SYSTEM
JP2012248523 A 20121213	NISSAN MOTOR [JP]	JP20110121955 20110531	H01M8/02; H01M8/00; H01M8/24	FUEL CELL
JP2012248529 A 20121213	IFG INC; NIPPON SOZAI KK	JP20110133692 20110530	H01M8/06; H01M8/00; H01M14/00	HYBRID HYDROGEN FUEL CELL
JP2012248538 A 20121213	JX NIPPON OIL & ENERGY CORP [JP]	JP20120149572 20120703	H01M8/04; F24H1/00	CO-GENERATION SYSTEM AND OPERATION METHOD
JP2012248548 A 20121213	INTELLIGENT ENERGY LTD [GB]	GB20040007979 20040408	H01M8/02; C01B3/00; H01M2/00; H01M8/04; H01M8/10; H01M8/24	FUEL CELL GAS DISTRIBUTION
JP2012249486 A 20121213	NORITZ CORP	JP20110121284 20110531	H02J3/38; H01M8/00; H01M8/04	POWER GENERATION SYSTEM
JP2012250143 A 20121220	TAIYO KAGAKU KK	JP20110122537 20110531	B01J23/46; B01J35/10; C10K3/04	CARBON MONOXIDE METHANATION CATALYST
JP2012250611 A 20121220	DENSO CORP [JP]; TOYOTA MOTOR CORP	JP20110124374 20110602	B60H1/08; B60H1/03; B60L1/08; B60L11/18; H01M8/00; H01M8/04	AIR CONDITIONING DEVICE FOR FUEL CELL VEHICLE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012250873 A 20121220	PANASONIC CORP [JP]	JP20110123931 20110602	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATION APPARATUS, AND FUEL CELL SYSTEM USING THE SAME
JP2012250876 A 20121220	PANASONIC CORP [JP]	JP20110124806 20110603	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
JP2012250877 A 20121220	PANASONIC CORP [JP]	JP20110124808 20110603	C01B3/38; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
JP2012251209 A 20121220	JX NIPPON MINING & METALS CORP [JP]	JP20110124685 20110602	C22C9/00; C01B31/02; C22F1/08	COPPER FOIL FOR PRODUCING GRAPHENE, AND METHOD FOR PRODUCING GRAPHENE
JP2012251766 A 20121220	JX NIPPON OIL & ENERGY CORP [JP]	JP20120149542 20120703	F24H1/00; F24H1/18; H01M8/00; H01M8/04; H02J3/38; H02J3/46	COGENERATION SYSTEM
JP2012252796 A 20121220	HONDA MOTOR CO LTD [JP]	JP20110122404 20110531	H01M8/04; H01M8/00	FUEL CELL SYSTEM
JP2012252801 A 20121220	MITSUBISHI HEAVY IND LTD	JP20110122500 20110531	H01M8/02; H01M8/12; H01M8/24	SOLID OXIDE FUEL CELL
JP2012252865 A 20121220	NIPPON STEEL & SUMITOMO METAL	JP20110124176 20110602	H01M4/90; B01J23/42; B01J23/44; B01J23/46; B01J23/52; B01J23/62; B01J23/89; H01M4/92	ELECTRODE MATERIAL AND FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012252877 A 20121220	KONICA MINOLTA HOLDINGS INC [JP]	JP20110124501 20110602	H01M8/06; H01M8/04; H01M8/12	RECHARGEABLE FUEL CELL SYSTEM
JP2012252914 A 20121220	KANEKA CORP; UNIV YAMANASHI	JP20110125517 20110603	H01M8/02; C08G81/00; H01B1/06; H01M4/86; H01M8/10	POLYELECTROLYTE, AND USE THEREOF
JP2012252915 A 20121220	KANEKA CORP; UNIV YAMANASHI	JP20110125518 20110603	H01M8/02; C08G65/40; C08G81/00; C08J5/22; H01B1/06; H01M8/10	POLYELECTROLYTE MEMBRANE, AND USE THEREOF
JP2012252917 A 20121220	PANASONIC CORP [JP]	JP20110125540 20110603	H01M8/02	METHOD FOR MANUFACTURING FUEL CELL SEPARATOR, AND FUEL CELL SEPARATOR
JP2012252939 A 20121220	NISSAN MOTOR [JP]	JP20110126109 20110606	H01M8/04; H01M8/10	WET STATE CONTROL DEVICE FOR FUEL CELL
JP2012252945 A 20121220	NISSAN MOTOR [JP]	JP20110126312 20110606	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012252955 A 20121220	TOYOTA MOTOR CORP	JP20110126478 20110606	H01M8/16; H01M8/02	ENZYME FUEL CELL
JP2012252956 A 20121220	HONDA MOTOR CO LTD [JP]	JP20110126529 20110606	H01M8/04; B60K1/04; B60K8/00; B60L11/18; H01M8/00	BATTERY CASE OF VEHICULAR FUEL CELL
JP2012252960 A 20121220	NISSAN MOTOR [JP]	JP20110126605 20110606	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012252963 A 20121220	JAPAN FINE CERAMICS CT; FCO POWER INC	JP20110126781 20110606	H01M8/02; H01M4/86; H01M4/88; H01M8/12; H01M8/24	STACK STRUCTURE FOR SOLID OXIDE FUEL CELL, AND METHOD FOR MANUFACTURING THE SAME
JP2012252986 A 20121220	NIPPON SOKEN; DENSO CORP [JP]; TOYOTA MOTOR CORP	JP20110127223 20110607	H01M8/04	FUEL CELL SYSTEM
JP2012253033 A 20121220	AISIN SEIKI [JP]; TOYOTA MOTOR CORP	JP20120181821 20120820	H01M8/04; H01M8/06	FUEL CELL SYSTEM
JP2012253034 A 20121220	TOSHIBA CORP	JP19980251124 19980904; JP20120183068 20120822	H01M8/02; H01M8/04; H01M8/10; H01M8/24	SOLID POLYMER FUEL CELL SYSTEM
JP2012253035 A 20121220	NIPPON TELEGRAPH & TELEPHONE	JP20050329122 20051114; JP20060141209 20060522; JP20120183854 20120823	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
JP2012253039 A 20121220	GM GLOBAL TECH OPERATIONS INC [US]	US20060459427 20060724	H01M4/86; B01J23/40; H01M4/96; H01M8/10	USE OF SACRIFICIAL MATERIAL FOR SLOWING DOWN CORROSION OF CATALYST CARRIER AT FUEL CELL ELECTRODE
JP2012253948 A 20121220	TOYOTA MOTOR CORP	JP20110125636 20110603	B60L11/18; H01M8/00; H01M8/04; H01M8/12	FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM
JP2012254009 A 20121220	LS IND SYSTEMS CO LTD	KR20110052081 20110531	H02J3/38; H01M8/00; H02J7/35; H02J9/00; H02J9/06	ENERGY MANAGEMENT DEVICE, ENERGY MANAGEMENT METHOD, AND ENERGY MANAGEMENT SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012255790 A 20121227	UNIV TOKYO AGRICULTURE; BIOENGINEERING LAB LLC	JP20070241333 20070918; JP20120155808 20120711	G01N27/26; C12M1/34; G01N27/22; G01N27/327; G01N27/42; H01M8/00	METHOD AND DEVICE FOR MEASURING SUBSTRATE CONCENTRATION
JP2012256479 A 20121227	HONDA MOTOR CO LTD [JP]	JP20110128203 20110608	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND FUEL CELL
JP2012256484 A 20121227	HONDA MOTOR CO LTD [JP]	JP20110128300 20110608	H01M8/02	SEPARATOR FOR FUEL CELL AND FUEL CELL
JP2012256498 A 20121227	TOSHIBA CORP; TOSHIBA FUEL CELL POWER SYS	JP20110128482 20110608	H01M8/02; H01M8/24	FUEL CELL AND FUEL CELL SEPARATOR
JP2012256514 A 20121227	NISSAN MOTOR [JP]	JP20110128882 20110609	H01M8/04; B60L11/18; H01M8/00; H01M8/06	FUEL CELL SYSTEM
JP2012256540 A 20121227	TOSHIBA FUEL CELL POWER SYS	JP20110129348 20110609	H01M8/24; H01M8/10	FUEL CELL
JP2012256601 A 20121227	TORAY INDUSTRIES [JP]	JP20050220173 20050729; JP20120165620 20120726	H01M8/02; C08G65/40; H01B1/06; H01M8/10	POLYMER ELECTROLYTE MATERIAL, POLYELECTROLYTE COMPONENT, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL
JP2012256606 A 20121227	PANASONIC CORP [JP]	JP20080296968 20081120; JP20090021339 20090202; JP20120177074 20120809	H01M8/04; H01M8/00	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
JP2012256611 A 20121227	SANYO ELECTRIC CO [JP]	JP20060066380 20060310; JP20120188732 20120829	H01M8/04; H01M8/10	ACTIVATION METHOD OF FUEL CELL, AND ACTIVATION DEVICE FOR FUEL CELL
JP2012256613 A 20121227	NISSAN MOTOR [JP]	JP20120193717 20120904	H01M8/04	FUEL CELL SYSTEM
JP2012256696 A 20121227	TOSHIBA FUEL CELL POWER SYS	JP20110128500 20110608	H05K9/00; H01M8/04	PACKAGE OUTER SHELL, PACKAGE OUTER PANEL FOR POWER GENERATOR, AND POWER GENERATOR
JP4995327B B1 20120808	NGK INSULATORS LTD [JP]	JP20100070793 20100325; JP20110012852 20110125; JP20110050537 20110308	H01M4/86; C01G53/00; C04B35/50; H01M8/02; H01M8/12	ELECTRODE MATERIAL, FUEL CELL COMPRISING THE SAME, AND METHOD FOR MANUFACTURING THE SAME
KR101161991B B1 20120704	POSCO [KR]	KR20100137338 20101228	H01M8/12; B32B37/10; H01M8/02	AIR ELECTRODE CURRENT COLLECTOR FOR SOLID OXIDE FUEL CELL HAVING EXCELLENT ELECTRICAL CONDUCTIVITY AND METHOD FOR MANUFACTURING THE SAME
KR101161992B B1 20120703	POSCO [KR]	KR20100137337 20101228	H01M8/12; C09K3/10; H01M2/08; H01M8/04	METHOD FOR MANUFACTURING MULTI- LAYERED SEALANT FOR SOLID OXIDE FUEL CELL
KR101162008B B1 20120703	POSCO [KR]	KR20100137319 20101228	H01M8/12; H01M8/02; H01M8/04	FUEL CELL WITH DISTRIBUTE PLATE
KR101162666B B1 20120705	POSCO [KR]	KR20100137077 20101228	H01M8/12; H01M8/02; H01M8/04; H01M8/24	FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR101162667B B1 20120705	POSCO [KR]	KR20100136726 20101228	H01M8/12; H01M8/02	SEPERATOR FOR FUEL CELL
KR101162668B B1 20120705	POSCO [KR]	KR20100136415 20101228	H01M8/12; H01M8/02; H01M8/24	SOLID OXIDE FUEL CELL
KR101162669B B1 20120705	POSCO [KR]	KR20100136416 20101228	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL
KR101163563B B1 20120706	SAMSUNG THALES CO LTD [KR]	KR20120008158 20120127	H02J7/00; H01M8/04	PORTABLE HYBRID POWER SUPPLYING APPARATUS AND METHOD THEREOF
KR101169227B B1 20120802	H2 INC [KR]	KR20110051813 20110531	H01M8/18; H01M8/02; H01M8/24	MULTI-CELL FLOW FRAME FOR THE STACK OF REDOX FLOW BATTERY
KR101172841B B1 20120809	AGENCY DEFENSE DEV [KR]	KR20120024226 20120309	H01M8/04; H01M8/06; H01M8/10	FUEL CELL APPARATUS HAVING IMPROVED STARTING PERFORMANCE IN LOW TEMPERATURE
KR101176559B B1 20120823	NURIPLAN CO LTD [KR]	KR20120063843 20120614	H01M8/18; H01M8/02; H01M8/04	METHOD FOR MANUFACTURING DEVICE FOR FLOWING ELECTROLYTE IN REDOX FLOW BATTERY
KR101176566B B1 20120823	NURIPLAN CO LTD [KR]	KR20120063841 20120614	H01M8/18; H01M8/02	REDOX FLOW BATTERY WITH DEVICE FOR FLOWING ELECTROLYTE
KR101176575B B1 20120823	NURIPLAN CO LTD [KR]	KR20120063123 20120613	H01M8/18; H01M8/02	DEVICE FOR FLOWING ELECTROLYTE IN REDOX FLOW BATTERY
KR101178326B B1 20120829	DAESUNG ELECTRIC CO LTD [KR]	KR20110111768 20111031	H02K5/12; B60L11/18; H01M8/04	HYDROGEN RECIRCULATION BLOWER MOTOR FOR FUEL CELL VEHICLE
KR101179539B B1 20120904	AGENCY DEFENSE DEV [KR]	KR20120049082 20120509	C01B3/36; H01M8/04; H01M8/06	A REFORMER FOR FUEL CELL SYSTEM
KR101182379B B1 20120912	PHOENIX MATERIALS CO LTD [KR]	KR20110019676 20110304	H01M8/12; C03C3/093; H01M8/04	SEALANT COMPOSITION FOR SOLID OXIDE FUEL CELL, METHOD OF PREPARING THE SAME, AND SOLID OXIDE FUEL CELL INCLUDING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR101184839B B1 20120920	KCERACELL [KR]	KR20110033523 20110412	H01M8/12; H01B1/08; H01M8/02	SOLID OXIDE FUEL CELL USING HIGH STRENGTH AND HIGH IONIC CONDUCTIVE SOLID ELECTROLYTE
KR101185379B B1 20120927	SEWON INDUSTRIES CO LTD [KR]; HAN KOOK KWANG YU CO [KR]	KR20110026670 20110325	H01M8/12; H01M8/02; H01M8/24	COMBINED FLAT-TUBE ANODE SUPPORT FOR SOLID OXIDE FUEL CELL AND STACK STRUCTURE USING THE SAME
KR101185380B B1 20120924	HAN KOOK KWANG YU CO [KR]	KR20110034521 20110414	H01M8/12; H01M8/02; H01M8/24	JUNCTION FLAT-TUBE SUPPORT FOR SOLID OXIDE FUEL CELL AND STACK STRUCTURE USING THE SAME
KR101185767B B1 20121002	FANYTEK [KR]	KR20120047998 20120507	H01M8/04; H01M2/02; H01M8/24	FUEL CELL COVER
KR101186537B B1 20121008	KOREA ENERGY RESEARCH INST [KR]	KR20110046303 20110517	H01M8/12; H01M8/02; H01M8/04; H01M8/24	MICRO CYLINDRICAL SOLID OXIDE FUEL CELL STACK AND SOLID OXIDE FUEL CELL POWER GENERATION SYSTEM COMPRISING THE SAME
KR101186766B B1 20120927	KCERACELL [KR]	KR20110042178 20110503	H01M8/12; C04B35/01; C04B35/64; H01M8/02	EASY-SINTERING ZIRCONIA ELECTROLYTE FOR SOLID OXIDE FUEL CELL
KR101189680B B1 20121010	IUCF HYU [KR]	KR20110041774 20110503	H01M8/12; B05D1/02; C04B35/64; H01M8/02	FABRICATION METHOD OF SOLID OXIDE FUEL CELL
KR101190610B B1 20121015	KOREA MACH & MATERIALS INST [KR]	KR20120038555 20120413	C02F1/44; H01M8/04; H01M8/06	METHOD FOR GENERATION OF ELECTRICAL POWER AND DESALINATION USING HYBRID OF FORWARD OSMOSIS AND FUEL CELL AND HYBRID GENERATION SYSTEM OF ELECTRICAL POWER AND DESALINATION USING FORWARD OSMOSIS AND FUEL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR101191638B B1 20121015	GUMI ELECTRONICS & INFORMATION TECHNOLOGY RES INST [KR]	KR20110057941 20110615	H01M8/12; C04B35/01; C04B35/64; H01M8/02	MANUFACTURING METHOD OF FLAT TUBULAR SOLID OXIDE FUEL CELL CATHODE SUPPORTING BODY
KR101192086B B1 20121017	KOREAN REGISTER OF SHIPPING CORP [KR]	KR20120034216 20120403	B63J99/00; B63J3/02; H01M8/04; H02J11/00	CONTROL SYSTEM FOR INTEGRATION OF VARIOUS SHIP ELECTRIC POWER SOURCE HAVING FUEL CELL SYSTEM
KR101208618B B1 20121206	UNIV KYUNG HEE UNIV IND COOP [KR]	KR20110055757 20110609	C02F1/72; C02F1/70; C02F3/32; H01M8/16	ENERGY SELF-SUFFICIENT ADVANCED WASTEWATER TREATMENT SYSTEM BY
KR101209507B B1 20121207	SAMSUNG THALES CO LTD [KR]	KR20120047234 20120504	H02J7/02; H01M8/00	PORTABLE HYBRID POWER SUPPLYING APPARATUS INCLUDING A PLURAL OF POWER SOURCE AND METHOD THEREOF
KR101213045B B1 20121218	AGENCY DEFENSE DEV [KR]	KR20120100500 20120911	C01B3/26; H01M8/06	REACTOR AND CATALYST HEATING METHOD FOR FUEL REACTOR
KR101213046B B1 20121218	AGENCY DEFENSE DEV [KR]	KR20120103440 20120918	C01B3/26; H01M8/06; H01M8/10	CONTROLLING METHOD OF FUEL REFORMER
KR101215418B B1 20121226	KOREA IND TECH INST [KR]	KR20110072014 20110720	H01M8/12; C04B35/64; H01M8/02; H01M8/24	METHOD OF UNIT CELL FOR SOLID OXIDE FUEL CELL
KR20120070665 A 20120702	POSTECH ACAD IND FOUND [KR]	KR20100132074 20101222	H01M8/12; H01M8/02	DOUBLE PEROVSKITE INTERCONNECT MATERIALS AND THEIR APPLICATION METHODS FOR SOLID OXIDE FUEL CELLS
KR20120070725 A 20120702	GS CALTEX CORP [KR]	KR20100132154 20101222	H01M8/04; G01R31/36; H02J7/00	CONTROL UNIT AND CONTROL METHOD FOR FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120071009 A 20120702	GS CALTEX CORP [KR]	KR20100132581 20101222	H01M8/04	COMBINED HEAT AND POWER CO-GENERATION SYSTEM FOR FUEL CELL OF UNION-DISUNION TYPE
KR20120071010 A 20120702	GS CALTEX CORP [KR]	KR20100132583 20101222	H01M8/04; F25J1/00	APPARATUS FOR PREVENTING EXHAUST NOISE OF FUEL CELL SYSTEM
KR20120071011 A 20120702	GS CALTEX CORP [KR]	KR20100132584 20101222	H01M8/04; H01M8/10	WATER SUPPLY APPARATUS FOR FUEL CELL
KR20120071042 A 20120702	DAEWOO SHIPBUILDING & MARINE [KR]	KR20100132619 20101222	H01M8/06; C01B3/02; C07C9/04; H01M8/04	FUEL CELL SYSTEM USING METHANE HYDRATE FUEL
KR20120071288 A 20120702	GS FUELCELL CO LTD [KR]	KR20100132582 20101222	H01M8/04; H01M8/10; H01M8/24	FUEL CELL SYSTEM
KR20120071571 A 20120703	OA SEONG WOOK [KR]; LEE YUN HEE [KR]	KR20100133169 20101223	H01M8/16; C02F3/00; H01M8/02	MICROBIAL FUEL CELL PROCESS USING BIDIRECTIONAL CARBON FIBER COMPOSITE ELECTRODE
KR20120071865 A 20120703	KT CORP [KR]	KR20100133583 20101223	H01M8/04; H01M8/02	FOR STORAGE BATTERY
KR20120072078 A 20120703	NOOT5 INC [KR]	KR20100133860 20101223	H01M8/04; H01M8/12; H01M8/14	FUEL CELL SYSTEM
KR20120072511 A 20120704	GS CALTEX CORP [KR]	KR20100134286 20101224	H01M8/02; H01M8/10	SEPARATOR OF FUEL CELL
KR20120072616 A 20120704	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20100134460 20101224	H01M8/02; B82B3/00; C25B11/03	FOAMED NANO STRUCTURE AND ELECTRODE USING IT AND MANUFACTURING METHOD THEREOF
KR20120073646 A 20120705	POSCO [KR]	KR20100135467 20101227	H01M8/02; C22C38/00; C23C8/40; H01M8/10	STAINLESS STEEL FOR BIPOLAR PLATE OF PEMFC WITH EXCELLENT CORROSION RESISTANCE AND CONTACT RESISTANCE AND METHOD OF MANUFACTURING THE BIPOLAR PLATE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120074072 A 20120705	RES INST IND SCIENCE & TECH [KR]	KR20100136024 20101227	H01M8/06; B01D61/00; C01B3/38; H01M8/10	FUEL REFORMER FOR STEAM REFORMING
KR20120074073 A 20120705	RES INST IND SCIENCE & TECH [KR]	KR20100136025 20101227	H01M8/06; B01D61/00; C01B3/38; H01M8/10	FUEL REFORMING METHOD FOR STEAM REFORMING
KR20120074074 A 20120705	RES INST IND SCIENCE & TECH [KR]	KR20100136026 20101227	H01M8/06; C01B3/36	FUEL REFORMER FOR STEAM REFORMING
KR20120074365 A 20120706	IAC IN NAT UNIV CHUNGNAM [KR]	KR20100136172 20101228	B01J39/18; B01J41/12; C08J5/22; H01M8/10	MANUFACTURING METHOD OF ION EXCHANGE MEMBRANE
KR20120074400 A 20120706	GS CALTEX CORP [KR]	KR20100136219 20101228	H01M8/06; B01J38/06; C01B3/02	REFORM CATALYST REGENERATION METHOD OF FUEL PROCESSOR FOR FUEL CELL SYSTEM
KR20120074401 A 20120706	GS CALTEX CORP [KR]	KR20100136220 20101228	H01M8/06; C01B3/32	FUEL PROCESSOR OF FUEL CELL
KR20120074402 A 20120706	GS CALTEX CORP [KR]	KR20100136221 20101228	H01M8/06; C01B3/02; G05D7/00; H01M8/04	FUEL-CELL SYSTEM AND OPERATION METHOD THEREOF
KR20120074403 A 20120706	GS CALTEX CORP [KR]	KR20100136222 20101228	H01M8/06; C01B3/38	CO REMOVER FOR FUEL PROCESSOR
KR20120074442 A 20120706	KOREA INST CERAMIC ENG & TECH [KR]; NEW TEC CO LTD [KR]	KR20100136272 20101228	H01M8/12; C04B35/01; C04B35/64; H01M8/04	METHOD FOR IMPROVING ELECTRICAL CONDUCTION OF CERAMIC INTERCONNECTOR OF SOFC UNDER THE REDUCED ENVIRONMENT AND LOW TEMPERATURE MANUFACTURING METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120074465 A 20120706	SK INNOVATION CO LTD [KR]	KR20100136304 20101228	B60R16/033; H01M2/10; H01M8/02	OUTSIDE INSTALLATION BATTERY PACK OF HYBRID VEHICLE
KR20120074507 A 20120706	KOLON INC [KR]	KR20100136367 20101228	H01M8/04; F24F3/14; H01M8/10	HUMIDIFIER FOR FUEL CELL
KR20120074547 A 20120706	POSCO [KR]	KR20100136414 20101228	H01M8/12; H01M8/02; H01M8/24	SOLID OXIDE FUEL CELL
KR20120074548 A 20120706	POSCO [KR]	KR20100136417 20101228	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND FUEL CELL HAVING THE SAME
KR20120074563 A 20120706	POSCO [KR]	KR20100136436 20101228	H01M8/12; C23C14/00; C23C28/04; H01M8/04	SOLID OXIDE FUEL CELL INTERCONNECT AND COATING METHOD THEREOF
KR20120074564 A 20120706	POSCO [KR]	KR20100136438 20101228	H01M8/12; H01M8/02	SOLID SOLID OXIDE FUEL CELL HAVING EXCELLENT CURRENT COLLECTION PERFORMANCE AND METHOD FOR MANUFACTURING THE SAME
KR20120074723 A 20120706	POSCO [KR]	KR20100136649 20101228	H01M8/12; H01M8/02	METHOD FOR REMOVING DEFECT OF SOLID OXIDE FUEL CELL ELECTROLYTIC
KR20120074724 A 20120706	POSCO [KR]	KR20100136650 20101228	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL HAVING EXCELLENT RESISTANCE TO DELAMINATION
KR20120074725 A 20120706	POSCO [KR]	KR20100136651 20101228	H01M8/12; B32B37/10; H01M8/04; H01M8/24	METHOD FOR STACKING OF SOLID OXIDE FUEL CELL
KR20120074726 A 20120706	POSCO [KR]	KR20100136653 20101228	H01M8/12; B21D17/02; B23K37/00; H01M8/02	SOLID OXIDE FUEL CELL SEPARATOR COMPRISING COLLECTOR FORMED CHANNEL AND METHOD FOR MANUFACTURING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120074727 A 20120706	POSCO [KR]	KR20100136654 20101228	H01M8/12; H01M8/04; H01M8/24	APPARATUS FOR TREATING OF POOR UNIT CELL OF SOLID OXIDE FUEL CELL AND METHOD FOR INSTALLATING THE SAME
KR20120074773 A 20120706	POSCO [KR]	KR20100136712 20101228	H01M8/12; H01M8/02	CURRENT COLLECTOR FOR SOLID OXIDE FUEL CELL, AND METHOD OF PREPARING THE SAME
KR20120074776 A 20120706	POSCO [KR]	KR20100136716 20101228	H01M8/12; H01M8/02; H01M8/24	FUEL CELL
KR20120074788 A 20120706	POSCO [KR]	KR20100136731 20101228	H01M8/12; D01D5/00; H01M8/02	SOLID OXIDE FUEL CELL
KR20120074790 A 20120706	POSCO [KR]	KR20100136733 20101228	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL AND METHOD OF PREPARING SAME
KR20120074930 A 20120706	POSCO [KR]	KR20100136921 20101228	H01M8/12; C04B35/10; C04B35/64; H01M8/02	SETTER PLATE AND METHOD OF PRODUCING SETTER PLATE
KR20120074975 A 20120706	POSCO [KR]	KR20100136975 20101228	H01M8/12; C23C28/00; H01M8/02	SEPARATOR AND MANUFACTURING METHOD THEREOF
KR20120074984 A 20120706	POSCO [KR]	KR20100136986 20101228	H01M8/12; C23C28/04; H01M8/02	SEPARATOR FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD OF THE SAME
KR20120075075 A 20120706	DOOSAN HEAVY IND & CONSTR [KR]	KR20100137104 20101228	H01M8/14; G01R31/36; H01M8/02; H01M8/04	CATALYTIC OXIDIZER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120075079 A 20120706	DOOSAN HEAVY IND & CONSTR [KR]	KR20100137108 20101228	H01M8/06; B01D53/48; C10K1/32; H01M8/04	GAS DETECTOR FOR ESTIMATING LIFE TIME OF DESULFURIZER
KR20120075116 A 20120706	POSTECH ACAD IND FOUND [KR]	KR20100137153 20101228	H01M8/12; H01B1/08; H01M8/02; H01M8/24	INTEGRATED UNIT CELL AND MONOLITHIC STACK OF SOLID OXIDE FUEL CELL AND FABRICATION METHOD OF THE SAME
KR20120075152 A 20120706	POSCO [KR]	KR20100137199 20101228	H01M8/12; C23C28/04; H01M8/02	SEPARATOR FOR SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF AND FUEL CELL WITH SEPARATOR
KR20120075153 A 20120706	POSCO [KR]	KR20100137200 20101228	H01M8/12; B01J23/755; H01M4/86; H01M8/02	SOLID OXIDE FUEL CELL AND METHOD OF FABRICATING THE SAME
KR20120075155 A 20120706	POSCO [KR]	KR20100137202 20101228	H01M8/02; H01M8/12; H01M8/24	FUEL CELL
KR20120075198 A 20120706	RES INST IND SCIENCE & TECH [KR]	KR20100137248 20101228	H01M8/14; C01G51/00; C01G53/00; H01M8/02	CATHODE MATERIAL FOR MOLTEN CARBONATE FUEL CELL AND MOLTEN CARBONATE FUEL CELL INCLUDING THE SAME
KR20120075218 A 20120706	POSCO [KR]	KR20100137272 20101228	H01M8/12; B05B7/14; B05D1/02; H01M8/04	METHOD FOR FORMING COATING LAYER OF SEALING AREA OF SOLID OXIDE FUEL CELL SEPARATOR
KR20120075228 A 20120706	POSCO [KR]	KR20100137284 20101228	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120075230 A 20120706	POSCO [KR]	KR20100137287 20101228	H01M8/12; B32B37/02; H01M8/02	SOLID OXIDE FUEL CELL WITH SERPENTINE GAS FLOW CHANNEL AND METHOD FOR MANUFACTURING THE SMAE
KR20120075231 A 20120706	POSCO [KR]	KR20100137288 20101228	H01M8/12; B32B37/02; C23C28/04; H01M8/02	METHOD FOR COATING PROTECTIVE LAYER ON SURFACE OF METAL BIPOLAR PLATE WITH GAS FLOW CHANNEL FOR PLANAR SOLID OXIDE FUEL CELL
KR20120075232 A 20120706	POSCO [KR]	KR20100137289 20101228	H01M8/12; B32B37/02; H01M8/02	PLANAR SOLID OXIDE FUEL CELL HAVING IMPROVED REACTION AREA AND METHOD FOR MANUFACTURING THE SAME
KR20120075236 A 20120706	POSCO [KR]	KR20100137295 20101228	H01M8/04; G01K11/32; H01M8/24	FUELCELL STACK AND TEMPERATURE MEASURING METHOD THEREOF
KR20120075238 A 20120706	POSCO [KR]	KR20100137297 20101228	H01M8/12; H01B1/08; H01M8/04; H01M8/24	METHOD FOR REPAIRING STACK OF SOLID OXIDE FUEL CELL
KR20120075240 A 20120706	POSCO [KR]	KR20100137300 20101228	H01M8/12; C04B35/01; C04B38/00; C09K3/10	SEALANT FOR SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20120075241 A 20120706	POSCO [KR]	KR20100137301 20101228	H01M8/12; H01M2/08; H01M8/04	SEALANT FOR PLANAR SOLID OXIDE FUEL CELL AND SEALING METHOD USING THE SAME
KR20120075242 A 20120706	POSCO [KR]	KR20100137302 20101228	H01M8/12; C04B35/64; H01M8/02; H01M8/24	METAL-SUPPORTED SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME AND SOLID OXIDE FUEL CELL STACK USING THE METAL-SUPPORTED SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120075243 A 20120706	POSCO [KR]	KR20100137303 20101228	H01M8/12; H01M2/08; H01M8/04; H01M8/24	METAL SUPPORTED SOLID OXIDE FUEL CELL STACK
KR20120075244 A 20120706	POSCO [KR]	KR20100137304 20101228	H01M8/12; C09K3/10; H01M2/08; H01M8/24	PLANAR SOLID OXIDE FUEL CELL WITHOUT MANIFOLD SEALING
KR20120075257 A 20120706	POSCO [KR]	KR20100137320 20101228	H01M8/12; H01M8/02	SAPERATOR FOR PLANER SOLID OXIDE FUEL CELL AND FUEL CELL COMPRISING THE SAME
KR20120075258 A 20120706	POSCO [KR]	KR20100137321 20101228	H01M8/12; C23C18/16; H01M8/02	SEPARATOR OF SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20120075262 A 20120706	POSCO [KR]	KR20100137325 20101228	H01M8/12; C04B35/64; H01M8/02	METHOD FOR MANUFACTURING METAL SUPPORTED SOLID OXIDE FUEL CELL
KR20120075266 A 20120706	POSCO [KR]	KR20100137330 20101228	H01M8/24; H01M8/02; H01M8/12	CELL OF FUEL CELL STACK
KR20120075267 A 20120706	POSCO [KR]	KR20100137331 20101228	H01M8/24; H01M8/04; H01M8/12	FUEL CELL
KR20120075268 A 20120706	POSCO [KR]	KR20100137332 20101228	H01M8/12; C04B35/64; H01M8/02	SOLID OXIDE FUEL CELL CATHODE AND METHOD FOR MANUFACTURING THE SAME
KR20120075273 A 20120706	POSCO [KR]	KR20100137339 20101228	H01M8/12; B05B7/14; B05D1/02; H01M8/02	METHOD FOR MANUFACTURING SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120075299 A 20120706	POSCO [KR]	KR20100137367 20101228	H01M8/24; B32B37/10; H01M8/04	DEVICE FOR TIGHTENING STACKS OF FUEL CELL
KR20120075300 A 20120706	POSCO [KR]	KR20100137368 20101228	H01M8/04; B05B7/14; B05D1/02	DEVICE FOR SUPPLYING AEROSOL
KR20120075301 A 20120706	POSCO [KR]	KR20100137369 20101228	H01M8/04; B05B7/14; B05D1/02	DEVICE FOR SUPPLYING AEROSOL
KR20120075302 A 20120706	POSCO [KR]	KR20100137370 20101228	H01M8/04; B01D53/86; H01M8/12	TREATMENT DEVICE FOR EXHAUST GAS OF FUEL CELL
KR20120075303 A 20120706	POSCO [KR]	KR20100137371 20101228	H01M8/04; G01R31/36; H01M8/24	FUEL CELL STACK
KR20120075306 A 20120706	POSCO [KR]	KR20100137375 20101228	H01M8/04; B05B7/14; B05D1/02	DEVICE FOR SUPPLYING AEROSOL
KR20120075307 A 20120706	POSCO [KR]	KR20100137376 20101228	H01M8/24; H01M8/02; H01M8/12	FUEL CELL STACK
KR20120076386 A 20120709	WAERTSILAE FINLAND OY [FI]	FI20090006128 20091030	H01M8/04; H01M8/06; H01M8/12	METHOD AND ARRANGEMENT FOR CONTROLLING ANODE RECIRCULATION
KR20120076423 A 20120709	ATSUMITEC KK [JP]	WO2009JP65504 20090904	B22F1/00; B60L11/18; H01M8/04; H01M8/06	HYDROGEN STORAGE ALLOY AND HYDROGEN STORAGE UNIT USING SAME
KR20120077462 A 20120710	SAMSUNG HEAVY IND [KR]	KR20100139418 20101230	H01M8/12; C01B3/22; H01M8/04; H01M8/06	FUEL CELL SYSTEM AND SHIP HAVING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120077549 A 20120710	AGENCY DEFENSE DEV [KR]	KR20100139544 20101230	H01M8/04; H01M8/24	THE INLET AND OUTLET STRUCTURES OF GAS AND COOLANT FOR FUEL CELL STACK
KR20120077861 A 20120710	UNIV YONSEI IACF [KR]	KR20100139971 20101231	H01M8/02; C08F14/00; C08J5/22; H01M8/10	PROCESS OF PREPARING HYBRID MEMBRANES COMPRISING FUNCTIONAL MATERIAL BY SOL-GEL PROCESS AND THUS PREPARED HYBRID MEMBRANES
KR20120078363 A 20120710	IAC IN NAT UNIV CHUNGNAM [KR]	KR20100140642 20101231	H01M8/02; C08G65/38; C08J5/22; D04H3/00	PREPARATION AND CHARACTERIZATION OF SULFONATED POLYETHERETHERKETONE(SPEEK) NANOFIBROUS MEMBRANE FOR PROTON EXCHANGE MEMBRANE FUEL CELL BY ELECTROSPINNING
KR20120078392 A 20120710	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100140676 20101231	H01M8/20	REDOX FLOW BATTERY
KR20120080018 A 20120716	POSCO ENERGY CO LTD [KR]	KR20110001434 20110106	H01M8/04; H01M8/14; H01M10/44; H02J7/00	AN ELECTRIC GENERATING SYSTEM USING A FUEL CELL
KR20120080452 A 20120717	UNIV KOREA RES & BUS FOUND [KR]	KR20110001930 20110107	C01B3/04; B01J23/44; B01J23/755; H01M8/06	METHOD FOR GENERATING HYDROGEN FROM AMMONIA BORANE USING METAL NANOCATALYSIS PREPARED USING GLYME
KR20120081440 A 20120719	UNIV KOREA RES & BUS FOUND [KR]	KR20110002782 20110111	H01M8/12; H01M8/02; H01M8/06	SOLID OXIDE FUEL CELL
KR20120081925 A 20120720	SAMSUNG SDI CO LTD [KR]	US201113250687 20110930; US201161432145P 20110112	H01M8/04; H01M8/10	FUEL INJECTING APPARATUS, FUEL INJECTION SYSTEM AND FUEL INJECTING METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120082007 A 20120720	GEORGIA TECH RES INST [US]	US20090245517P 20090924; US20100312434P 20100310	B01J49/00; C08G65/00; H01M8/10	ANION EXCHANGE POLYELECTROLYTES
KR20120082166 A 20120723	SEJONG IND CO LTD [KR]	KR20110003516 20110113	H01M8/04; F01N1/10	NOISE ELIMINATOR FOR FUEL CELL AND FUEL CELL SYSTEM HAVING THE SAME
KR20120082582 A 20120724	SAMSUNG HEAVY IND [KR]	KR20110003938 20110114	H01M8/06; B63B25/08; B63H21/17; C25B1/04	FUEL CELL SYSTEM AND SHIP HAVING THE SAME
KR20120082726 A 20120724	KOREA ENERGY RESEARCH INST [KR]	KR20110004181 20110114	H01M8/12; B01D11/02; C10L5/00; H01M8/02	SOLID OXIDE FUEL CELLS FUELED BY GASIFICATING OF SOLID CARBON
KR20120083894 A 20120726	KAWASAKI HEAVY IND LTD [JP]	JP20100135854 20100615	F16K31/42; F16K31/06; H01M8/04	ELECTROMAGNETIC ON-OFF VALVE
KR20120084061 A 20120727	HYUNDAI HYSKO [KR]	KR20110005362 20110119	H01M8/04; C01B3/02; G05D7/00; H01M8/06	COMPACT REFORMER FOR FUEL CELL AND IMPROVED FUEL CELL SYSTEM INCLUDING THE SAME
KR20120084062 A 20120727	HYUNDAI HYSKO [KR]	KR20110005363 20110119	H01M8/06; C01B3/38	REFORMER FOR FUEL CELL WITH EXCELLENT EFFECT OF HEAT EXCHANGE
KR20120085321 A 20120731	PLANSEE SE [AT]	EP20090400053 20091118	H01M4/90; H01M4/86; H01M4/88; H01M8/12	ANODE FOR A HIGH-TEMPERATURE FUEL CELL AND PRODUCTION THEREOF
KR20120085322 A 20120731	TOYOTA MOTOR CO LTD [JP]	WO2009JP06931 20091216	H01M8/04; G01R27/00; G01R31/36; H01M8/10	CONTROLLING FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120085337 A 20120731	MITSUBISHI RAYON CO [JP]	JP20090266331 20091124	H01M4/96; H01M4/88; H01M8/10	POROUS ELECTRODE BASE MATERIAL, PROCESS FOR PRODUCTION THEREOF, PRECURSOR SHEET, FILM-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
KR20120085344 A 20120801	KANG BO SUN [KR]; KIM DAE YOUNG [KR]	KR20100082841 20100826	H01M12/06; H01M2/16; H01M8/02; H01M8/04	METAL-HYDROGEN CHEMISTRY REACTION GENERATOR
KR20120085372 A 20120801	LEE JE HYUN [KR]	KR20110006645 20110124	C25B1/04; H01M8/06; H01M8/22	BUOYANCY, HYDROGEN PRODUCTION FACILITIES
KR20120085537 A 20120801	HYUNDAI HYSKO [KR]	KR20110006925 20110124	H01M8/04; G01R31/36; H01M8/10; H01M8/24	FUEL CELL STACK AND STACK VOLTAGE MONITORING APPARATUS OF FUEL CELL
KR20120086113 A 20120802	UNIV YEUNGNAM IACF [KR]	KR20110007358 20110125	H01M8/12; C04B35/01; C04B35/64; H01M8/02	ANODE FOR SOLID OXIDE FUEL CELL AND FABRICATION METHOD THEREOF
KR20120086127 A 20120802	KWANGJU INST SCI & TECH [KR]	KR20110007385 20110125	H01M8/16; C10L1/02; G05D7/00; H01M8/04	ENZYMATIC BIOFUEL CELL AND METHOD OF FEEDING BIOFUEL SOLUTION BY USING
KR20120086185 A 20120802	KOREA ENERGY RESEARCH INST [KR]	KR20110007486 20110125	H01M8/12; H01M8/02; H01M8/24	UNIT CELL OF SOFC FUEL-CELL
KR20120086186 A 20120802	KOREA ENERGY RESEARCH INST [KR]	KR20110007487 20110125	H01M8/12; H01M8/02; H01M8/24	SURFACE STRUCTURE OF CELL FOR SOFC FUEL-CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120086610 A 20120803	KOREA ADVANCED INST SCI & TECH [KR]	KR20110007956 20110126	H01M8/12; C04B37/02; H01M8/02	A FUEL CELL WITH BONDING LAYER OF FUNCTIONALLY GRADIENT MATERIAL AND THE METHOD FOR MANUFACTURING A FUEL CELL WITH BONDING LAYER OF FUNCTIONALLY GRADIENT MATERIAL
KR20120086655 A 20120803	TOYOTA MOTOR CO LTD [JP]	WO2010JP04238 20100625	H01M8/04; G01R31/36; H01M8/10	FUEL CELL SYSTEM
KR20120086998 A 20120806	DOOSAN HEAVY IND & CONSTR [KR]	KR20110008410 20110127	H01M8/14; B22F3/00; H01M8/02	FABRICATION METHOD OF THE METAL ELECTRODE FOR MOLTEN CARBONATE FUEL CELLS
KR20120087403 A 20120807	KOREA ENERGY RESEARCH INST [KR]	KR20110008568 20110128	H01M4/86; B82B3/00; H01M8/02; H01M8/10	CATHODE FOR FUEL CELL, MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL SYSTEM INCLUDING SAME
KR20120087414 A 20120807	DOOSAN HEAVY IND & CONSTR [KR]	KR20110008587 20110128	H01M8/14; C04B35/64; H01M8/02	FABRICATION METHOD OF THE ELECTROLYTE-IMPREGNATED METAL ELECTRODE FOR MOLTEN CARBONATE FUEL CELLS
KR20120087415 A 20120807	DOOSAN HEAVY IND & CONSTR [KR]	KR20110008589 20110128	H01M8/14; C04B35/01; C04B35/64; H01M8/02	MANUFACTURING METHOD OF NICKEL ALLOY ANODE FOR MOLTEN CARBONATE FUEL CELL
KR20120087677 A 20120807	KOREA ADVANCED INST SCI & TECH [KR]	KR20110009022 20110128	H01M4/92; B01J23/89; H01M4/88; H01M8/02	PREPARATION METHOD FOR THE PTCO NANO TRUNCATED OCTAHEDRA CATALYST
KR20120088197 A 20120808	DOOSAN HEAVY IND & CONSTR [KR]	KR20110009381 20110131	H01M8/14; B05D1/26; H01M8/02	MANUFACTURING METHOD OF ELECTRODE FOR MOLTEN CARBONATE FUEL CELL BY DIRECT COATING METHOD OF METAL SLURRY ON POROUS SUPPORT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120088240 A 20120808	IUCF HYU [KR]	KR20110009465 20110131	H01M8/02; C09J5/00; H01M8/24	MICRO FLUIDIC FUEL CELL AND METHOD TO MANUFACTURE THEREOF
KR20120089179 A 20120809	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110010297 20110201	H01M4/86; H01M8/02; H01M8/10	ELECTRODE FOR FUEL CELL, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
KR20120089310 A 20120809	COMMISSARIAT ENERGIE ATOMIQUE [FR]	WO2010EP65655 20101018; FR20090004997 20091019	H01M8/04; G01R31/36	PREVENTING CORROSION IN A FUEL CELL
KR20120089413 A 20120810	SAMSUNG ELECTRONICS CO LTD [KR]; UNIV LELAND STANFORD JUNIOR [US]	US201113167828 20110624; US20100420424P 20101207	H01M8/12; H01B1/08; H01M8/02	PROTON CONDUCTING SOLID OXIDE ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL COMPRISING THE MEMBRANE, AND METHOD FOR PREPARING THE ELECTROLYTE MEMBRANE
KR20120089939 A 20120816	POSCO [KR]	KR20100137286 20101228	H01M8/12; C01G53/04; C01G55/00; H01M8/02	A METHOD FOR PREPARING NIO/YSZ COMPOSITE FOR A SOLID OXIDE FUEL CELL
KR20120090361 A 20120817	HYUNDAI HYSCO [KR]	KR20110010735 20110207	H01M8/04; B32B37/02; H01M8/10	APPARATUS FOR MANUFACTURING FUEL CELL HAVING MEMBRANE ELECTRODE ASSEMBLY IMPROVED QUALITY BY ADJUSTING ALIGNMENT OF MANIFOLD POSITION AND THE METHOD FOR MANUFACTURING THE SAME
KR20120090466 A 20120817	DOOSAN HEAVY IND & CONSTR [KR]	KR20110010913 20110208	H01M8/14; H01M8/04	CATALYTIC OXIDIZER SYSTEM FOR MOLTEN CARBONATE FUEL CELL
KR20120091255 A 20120817	MICHELIN RECH TECH [CH]; MICHELIN & CIE [FR]	FR20090057646 20091030	H01M8/04; H01M8/10	METHOD FOR DETECTING THE PERMEABILITY STATE OF THE ION EXCHANGER POLYMER MEMBRANE OF A FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120091337 A 20120817	POINT SOURCE POWER INC [US]	US20100871473 20100830; US20090259685P 20091110	H01M8/06; B23P11/00; H01M8/22	FUEL CELL SYSTEM
KR20120091796 A 20120820	INST ADVANCED ENGINEERING [KR]	KR20110011795 20110210	H01M8/12; B01F9/02; B01F15/00; H01M8/02	SLURRY PRODUCTING DEVEICE FOR ELECTRODE OF SOLID OXIDE FUEL CELL
KR20120091797 A 20120820	INST ADVANCED ENGINEERING [KR]	KR20110011796 20110210	H01M8/12; B05D1/26; C04B35/64; H01M8/04	SHEETS PRODUCTING DEVEICE AND METHOD FOR ELECTRODE OF SOLID OXIDE FUEL CELL
KR20120092055 A 20120820	ELCHEM TECH CO LTD [KR]	KR20110011327 20110209	C08J5/22; C08G61/12; H01M8/02; H01M8/10	A PROTON EXCHANGE MEMBRANE FOR AN ELECTROCHEMICAL CELL
KR20120092071 A 20120820	ELCHEM TECH CO LTD [KR]	KR20110011328 20110209	C25B9/10; C25B9/00; C25B13/00; H01M8/02	THE ELECTROCHEMICAL STACK EQUIPPED WITH METAL FOAM AND METHOD OF METAL FOAM
KR20120092215 A 20120821	HYUNDAI MOTOR CO LTD [KR]	KR20110012107 20110211	H01M8/04; H01M8/02; H01M8/24	METHOD FOR FUEL CELL ACTIVATION USING VACUUM WETTING
KR20120092334 A 20120821	KOREA ATOMIC ENERGY RES [KR]; KOREA ENERGY RESEARCH INST [KR]	KR20110012323 20110211	H01M8/12; B82B3/00; C23C16/50; H01M8/02	SOLID OXIDE FUEL CELL CATHODE COMPRISING MATERIALS COATED WITH SILVER NANO PARTICLE AND METHOD FOR MANUFACTURING THE SAME
KR20120093701 A 20120823	HYUNDAI MOTOR CO LTD [KR]; KOREA ADVANCED INST SCI & TECH [KR]	KR20110013431 20110215	H01M8/02; B30B9/28; B32B37/10; H01M8/10	MANUFACTURING METHOD OF PREPREG FOR COMPOSITE SEPARATION PLATE, AND MANUFACTURING METHOD OF COMPOSITE SEPARATION PLATE FOR FUEL CELL USING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120094464 A 20120824	TOPSOE FUEL CELL AS [DK]	US20090223297P 20090706; DK20090000825 20090706	H01M8/04; H01M8/02; H01M8/24	COMBINED FLOW PATTERNS IN A FUEL CELL STACK OR AN ELECTROLYSIS CELL STACK
KR20120094518 A 20120824	SAINT GOBAIN CERAMICS [US]	US20090335155P 20091231	H01M8/12; C04B35/01; C09K3/10; H01M8/02	THIN, FINE GRAINED AND FULLY DENSE GLASS-CERAMIC SEAL FOR SOFC STACK
KR20120095565 A 20120829	YANG TAI HER [TW]	KR20110014959 20110221	H01M4/70; H01G9/04; H01M4/02; H01M8/02	EQUALIZING ELECTRODE PLATE WITH INSULATED SPLIT-FLOW CONDUCTIVE STRUCTURE
KR20120095930 A 20120829	GLOBAL FRESH FOODS [US]	US20090256868P 20091030; US20090275720P 20091030	A23B4/16; A23L3/3418; B65B55/02; H01M8/00	SYSTEMS AND METHODS FOR MAINTAINING PERISHABLE FOODS
KR20120095980 A 20120829	IHI METALTECH CO LTD [JP]; IHI CORP [JP]	WO2009JP07050 20091221	H01M8/02; B21D13/04; H01M8/10	METHOD AND DEVICE FOR MANUFACTURING SEPARATOR FOR POLYMER ELECTROLYTE FUEL CELL
KR20120096070 A 20120829	SIEMENS AG [DE]	EP20070004360 20070302	H01M8/02; H01M8/24	FUEL CELL UNIT
KR20120096173 A 20120830	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110015429 20110222	H01M8/04; B01D63/04; H01M8/10	HUMIDIFICATION DEVICE FOR FUEL CELL
KR20120096350 A 20120830	UNIV KOREA RES & BUS FOUND [KR]	KR20110015725 20110222	H01M8/02; B82B3/00; C08J5/18; H01M8/10	PEM FUEL CELL BIPOLAR PLATE COMPRISING COMPOSITE LAYER COMPRISING CNTS GROWN ON THE CARBON FIBER AND METHOD FOR FABRICATING THE SAME
KR20120096614 A 20120831	HYUNDAI MOTOR CO LTD [KR]	KR20110015794 20110223	H01M8/04; G06F19/00	METHOD FOR DETECTING FAIL OF HYDROGEN SUPPLY SYSTEM FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120096615 A 20120831	HYUNDAI MOTOR CO LTD [KR]	KR20110015795 20110223	H01M8/04; G01R31/36; H01M4/86; H01M8/10	CATALYST DETERIORATION JUNDGING METHOD FOR FUEL CELL
KR20120097201 A 20120903	SNU R&DB FOUNDATION [KR]; XFC INC [KR]	KR20110016622 20110224	H01M8/04; G01R31/36; G05D7/00; H01M8/10	OPERATION METHODS OF A PASSIVE AIR- BREATHING DIRECT METHANOL FUEL CELL SYSTEM
KR20120097325 A 20120903	IUCF HYU [KR]	KR20110015277 20110221	C08G75/23; C08G65/40; C08J5/22; H01M8/02	FULLY AROMATIC COMB-SHAPED COPOLY(ARYL ETHER SULFONE) WITH HIGHLY SULFONATED BLOCKS AND MANUFACTURING METHOD THEREOF
KR20120097531 A 20120904	OMRON TATEISI ELECTRONICS CO [JP]	JP20100023396 20100204	G06Q50/06; G06Q50/00; G06Q50/10; G06Q50/26; H01M8/00; H02J3/00; H02J13/00	POWER DEMAND-SUPPLY SYSTEM
KR20120098354 A 20120905	UNIV KOREA RES & BUS FOUND [KR]	KR20110018248 20110228	H01M4/90; B01J27/057; B01J37/16; H01M8/02	MULTICOMPONENT NON-PT ELECTRODE CATALYSTS AND FUEL CELL INCLUDING ELECTRODE COMPRISING THE ELECTRODE CATALYSTS
KR20120099025 A 20120906	PRUDENT ENERGY INC [CN]	CN20091210176 20091029	H01M8/18; H01M8/02; H01M8/04	REDOX FLOW BATTERY AND METHOD FOR CONTINUALLY OPERATING THE REDOX FLOW BATTERY FOR A LONG TIME
KR20120099094 A 20120906	TOYOTA MOTOR CO LTD [JP]	WO2010JP03542 20100526	H01M8/24; H01M8/02	FUEL CELL STACK, MANUFACTURING METHOD OF FUEL CELL STACK AND REPLACEMENT METHOD OF MODULE AS CONSTITUENT OF FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120099356 A 20120910	POSCO [KR]	KR20120093010 20120824	H01M8/12; H01M8/02	SOLID OXIDE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
KR20120099970 A 20120912	KOREA ADVANCED INST SCI & TECH [KR]; DOOSAN HEAVY IND & CONSTR [KR]	KR20110018529 20110302	H01M8/14; H01M8/04; H01M8/24	CENTER PLATE FOR MOLTEN CARBONATE FUEL CELL
KR20120100654 A 20120912	UNIV HONGIK IND ACAD COOP FDN [KR]	KR20110019719 20110304	H01M8/12; H01M8/02; H01M8/04	SOLID OXIDE FUEL CELL
KR20120100707 A 20120912	SUMITOMO CHEMICAL CO [JP]	JP20090152028 20090626	H01M4/88; B01J21/06; C25B11/06; H01M8/10	METHOD FOR PRODUCING ELECTRODE CATALYST
KR20120101001 A 20120912	BAXI INNOTECH GMBH [DE]	DE20091052863 20091102	H01M8/06; H01M8/24	FUEL CELL ASSEMBLY IN A HOUSING
KR20120101012 A 20120912	DEVOE LAMBERT [US]; DEVOE ALAN [US]	US20090261573P 20091116	H01M8/02; H01M4/86; H01M8/12; H01M8/24	FUEL CELL DEVICE
KR20120101552 A 20120913	JFE STEEL CORP [JP]	WO2010JP51001 20100120	C23C22/34; H01M8/02	STAINLESS STEEL FOR CURRENT-CARRYING MEMBER HAVING LOW ELECTRICAL CONTACT RESISTANCE, AND PROCESS FOR PRODUCTION THEREOF
KR20120101594 A 20120913	KYOCERA CORP [JP]	JP20100039957 20100225	C23C26/00; C22C19/05; C22C38/00; H01M8/02	COMPOSITE BODY, COLLECTOR MEMBER, GAS TANK, AND FUEL CELL DEVICE
KR20120102035 A 20120917	CORNING INC [US]	US20090220783P 20090626	H01M8/12; H01M8/02; H01M8/24	LOW MASS SOLID OXIDE FUEL DEVICE ARRAY MONOLITH

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120102721 A 20120918	MITSUBISHI RAYON CO [JP]	JP20100157824 20100712; JP20090266278 20091124	H01M4/88; B01J23/42; H01M4/96; H01M8/10	POROUS ELECTRODE BASE MATERIAL AND PROCESS FOR PRODUCTION THEREOF
KR20120103820 A 20120920	HAN EUI SEOK [KR]	KR20110021676 20110311	B60L11/18; G06Q50/30; H01M8/00; H02J7/00	INTELLIGENT VEHICLE ENERGY CHARGING SYSTEM
KR20120103916 A 20120920	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110021881 20110311	H02J9/04; H01M8/02; H02J3/38	SYSTEM AND METHOD FOR POWER SUPPLY OF SHIP
KR20120103947 A 20120920	UNIV YONSEI IACF [KR]	KR20110021940 20110311	C01B31/02; G01N27/407; H01M8/02; H01M10/02	TRANSITION METAL OXIDE/GRAPHENE COMPOSITES AND SYNTHESIZING METHOD THEREOF
KR20120104153 A 20120920	BASF SE [DE]	EP20090164798 20090707	C09D11/00; H01B1/14; H01M4/92; H01M8/10	INK COMPRISING POLYMER PARTICLES, ELECTRODE, AND MEA
KR20120104264 A 20120920	SUH KWANG SUCK [KR]	KR20090129361 20091222; KR20100014723 20100218; KR20100061995 20100629	H01M4/60; C01B31/02; H01G9/042; H01M8/02	ELECTROCHEMICAL DEVICE
KR20120104324 A 20120920	UNIV KING SAUD [SA]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	WO2009IB55735 20091214; WO2009IB55738 20091214	H01M4/92; C25B9/10; C25B11/04; H01M8/02	ELECTROCHEMICAL REACTOR AND AN ACTIVE LAYER INTEGRATED INTO SAID REACTOR
KR20120104439 A 20120920	UNIV DENMARK TECH DTU [DK]	EP20060008678 20060426	H01M8/12; C23C28/04; H01M8/02	A MULTI-LAYER COATING

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120104511 A 20120921	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090054613 20090703	C03C3/091; C03C3/076; C03C8/24; H01M8/02	GLASS COMPOSITIONS FOR GASKETS OF APPARATUSES OPERATING AT HIGH TEMPERATURES AND ASSEMBLING METHOD USING THEM
KR20120104639 A 20120921	PANASONIC CORP [JP]	WO2010JP67063 20100930; JP20100010455 20100120; JP20100119623 20100525	H01M8/02; H01M8/10	PRODUCTION METHOD FOR FUEL CELL SEPARATOR, FUEL CELL SEPARATOR, PRODUCTION METHOD FOR FUEL CELL SEPARATOR HAVING GASKET, AND PRODUCTION METHOD FOR FUEL CELL
KR20120104770 A 20120924	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110022380 20110314	H02J3/38; H01M8/00; H02J3/12	SYSTEM AND METHOD FOR POWER SUPPLY OF SHIP
KR20120104774 A 20120924	KOREA ADVANCED INST SCI & TECH [KR]; DOOSAN HEAVY IND & CONSTR [KR]	KR20110022385 20110314	H01M8/14; H01M8/02	MOLTEN CARBONATE FUEL CELL HAVING A PAIR OF EXTERNAL MANIFOLD
KR20120104999 A 20120924	JOHNSON MATTHEY PLC [GB]	GB20090021996 20091217	H01M4/86; H01M4/88; H01M8/10	CATALYST LAYER ASSEMBLY
KR20120105032 A 20120924	SAINT GOBAIN CERAMICS [US]	US20090335085P 20091231	H01M8/12; H01M8/02	ANISOTROPIC CTE LSM FOR SOFC CATHODE
KR20120105153 A 20120925	CHUNG CHUN SUB [KR]	KR20110022772 20110315	H01M8/04; H01M8/14	FUEL CELL HUMIDIFIER
KR20120105233 A 20120925	UNIV KONKUK IND COOP CORP [KR]	KR20110022925 20110315	C08L101/12; H01G9/035; H01M8/02; H01M10/056	ELECTROLYTE FOR HIGH VOLTAGE AND POLYMER ELECTROLYTE FABRICATED USING THE SAME
KR20120105658 A 20120926	THERMOTEK CO LTD [KR]	KR20110023222 20110316	C09K3/10; C03C3/091; H01M8/04; H01M8/12	COMPOSITION OF SEALING MATERIAL HAVING ADVANCED SEALABILITY AND THE MANUFACTURING METHOD OF SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120105685 A 20120926	KOREA ENERGY RESEARCH INST [KR]	KR20110023276 20110316	C04B35/624; C04B35/50; C04B35/622; H01M8/02	METHOD FOR MANUFACTURING CERAMIC INTERCONNECTOR POWDER FOR SOLID OXIDE FUEL CELL AND INTERCONNECTOR THEREOF
KR20120106314 A 20120926	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110024357 20110318	H01M8/04; B01D63/04; F24F6/00; H01M8/10	RRADIATOR FOR HUMIDIFICATION DEVICE OF FUEL CELL SYSTEM
KR20120106823 A 20120926	UTC POWER CORP [US]	WO2010US22691 20100201	H01M8/02; H01M8/24	FUEL CELL PLATE WITH RECYCLED MATERIAL
KR20120107397 A 20121002	HYUNDAI MOTOR CO LTD [KR]; SNU R&DB FOUNDATION [KR]	KR20110025067 20110321	H01M4/88; B82B3/00; H01M8/10	METHOD FOR MANUFACTURING ELECTRODE FOR FUEL CELL
KR20120107563 A 20121004	HALLA CLIMATE CONTROL CORP [KR]	KR20110025132 20110322	H01M8/04; B60H1/32; B60K11/02; B60L11/18	BATTERY COOLING SYSTEM OF FUEL CELL VEHICLE
KR20120107901 A 20121004	SAMSUNG SDI CO LTD [KR]	KR20120090239 20120817	H01M8/24; H01M8/02	FUEL CELL STACK
KR20120108362 A 20121005	BMGTECH CO LTD [KR]	KR20110026092 20110323	B01J20/20; B01J20/28; B01J20/32; H01M8/06	DESULFURIZER IN HYDROGEN GENERATOR FOR FUEL CELL SYSTEM AND FABRICATION METHOD THEREOF
KR20120109237 A 20121008	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20110027701 20110328	H01M8/12; B01D53/00; H01M8/04; H01M8/06	SOLID OXIDE FUEL CELL SYSTEM FUELED BY NATURAL GAS
KR20120109290 A 20121008	KOREA MACH & MATERIALS INST [KR]	KR20110025761 20110323	H01M8/12; B05D1/02; H01M8/02	THE METHOD FOR PREPARATION OF ELECTROLYTE FILM FOR SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL USING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120109582 A 20121008	KYOCERA CORP [JP]	JP20100014071 20100126	H01M8/02; H01M8/04; H01M8/12; H01M8/24	FUEL BATTERY CELL, FUEL BATTERY CELL DEVICE, FUEL BATTERY MODULE, AND FUEL BATTERY DEVICE
KR20120109867 A 20121009	LG CHEMICAL LTD [KR]	KR20110027635 20110328	H01M8/02; C08J5/22; C08J7/04; H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
KR20120110151 A 20121009	SGL CARBON SE [DE]	DE20091055440 20091231; DE20091055441 20091231; DE20091055442 20091231; DE20091055443 20091231; DE20091055444 20091231; DE20101002000 20100216; DE20101002434 20100226; DE20101002989 20100317; DE20101041085 20100920; DE20101041822 20100930; US20100915340 2	C04B35/52; B32B18/00; C01B31/04; H01M8/00	LAYERED COMPOSITE MATERIAL FOR USE IN A REDOX FLOW BATTERY



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120110300 A 20121010	YUN JONG HUI [KR]	KR20110028072 20110329	C01B3/08; B01J21/06; H01M4/90; H01M8/06	HYDROGEN PRODUCTION METHOD AND PRODUCED HYDROGEN USING A CATALYST APPLIED BY THE PRINCIPLE OF DISPLACEMENT PLATING
KR20120110787 A 20121010	SSANGYONG MATERIALS CORP [KR]	KR20110028892 20110330	H01M8/12; C04B35/01; H01M8/02; H01M8/24	FLAT TUBE TYPE SOLID OXIDE FUEL CELL MODULE WITH INCLINED FLOW CHANNEL
KR20120110945 A 20121010	HYUNDAI MOTOR CO LTD [KR]	KR20110029146 20110331	H01M8/04; B60L11/18; G05D7/00; H01M8/10	SYSTEM FOR IMPROVED COLD START PERFORMANCE OF FUEL CELL
KR20120110980 A 20121010	HYUNDAI MOTOR CO LTD [KR]	KR20110029198 20110331	H01M8/04; B60L11/18; G01R31/36; H01M8/10	DIAGNOSIS METHOD FOR MEMBRANE OF FUEL CELL STACK
KR20120111037 A 20121010	KOREA MACH & MATERIALS INST [KR]	KR20110029286 20110331	H01M8/04; B63H21/17; H01M8/06; H01M8/10	FUEL CELL SYSTEM FOR SUBMARINE WITH ENVIROMENTAL FRENILY MAGNESIUM HYDRIDE
KR20120111168 A 20121010	SAMSUNG HEAVY IND [KR]	KR20110029522 20110331	H01M8/04; B63H21/17; G05D7/00; H01M8/06	FUEL CELL SYSTEM AND SHIP HAVING THE SAME
KR20120111169 A 20121010	IAC IN NAT UNIV CHUNGNAM [KR]	KR20110029523 20110331	H01M8/04; B60L11/18; F24F6/00; F25B9/04	AIR SUPPLY APPARATUS FOR FUEL CELL AND FUEL CELL SYSTEM HAVING THE SAME
KR20120112893 A 20121012	KOREA ADVANCED INST SCI & TECH [KR]; DOOSAN HEAVY IND & CONSTR [KR]	KR20110030464 20110404	H01M8/14; H01M8/04; H01M8/24	CENTER PLATE SYSTEM FOR MOLTEN CARBONATE FUEL CELL HAVING EXTERNAL MANIFOLD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120113085 A 20121012	NAT UNIV GYEONGSANG IACF [KR]	KR20110030801 20110404	H01M8/16; C12M1/40; C12Q1/26; H01M8/02	AN ELECTRODE FOR ENZYME BIOFUEL CELL AND A METHOD THEREOF
KR20120113822 A 20121016	KOREA ATOMIC ENERGY RES [KR]; KOREA HYDRO & NUCLEAR POWER CO [KR]	KR20110030732 20110404	C08J5/22; C08G61/12; C08J3/28; H01M8/02	HYDROCARBON POLYMER PROTON EXCHANGE MEMBRANES HAVING IMPROVED THERMAL AND DIMENSION STABILITY AND FABRICATION METHOD THEREOF
KR20120114182 A 20121016	TECHWIN CO LTD [KR]	KR20110031532 20110406	C25B1/04; C25B9/04; H01M8/04; H01M8/06	A SEAWATER ELECTROLYSI AND FUEL CELL COMPLEX SYSTEM
KR20120114194 A 20121016	IUCF HYU [KR]	KR20100004497 20100118	H01M8/02; H01M8/10	POROUS SUPPORT AND POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME
KR20120114323 A 20121016	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20100000284 20100126	G01N27/416; H01M8/06	STAND-ALONE WATER DETECTION DEVICE THAT INCLUDES A HYDROGEN SOURCE
KR20120114511 A 20121017	ACE IND CO LTD [KR]	KR20110032058 20110407	H01M8/02; B29C43/02; B30B11/00; H01M8/10	REINFORCED THIN FUEL CELL SEPERATOR CONTAINING PULVERIZED CARBON FIBER AND METHOD OF MANUFACTURING THE SAME
KR20120114982 A 20121017	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110032859 20110408	H01M8/04; B63H21/17; H01M8/06	FUEL CELL SYSTEM FOR SHIP
KR20120114983 A 20121017	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110032860 20110408	H01M8/04; B63H21/17; C02F1/04; H01M8/06	FUEL CELL SYSTEM FOR SHIP

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120115637 A 20121019	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110033064 20110411	H01M4/88; B30B15/34; B32B37/10; H01M8/10	HOT PRESS APPARATUS FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY AND METHOD FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY USING THE SAME
KR20120115638 A 20121019	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110033065 20110411	H01M4/88; B30B15/34; B32B37/10; H01M8/10	HOT PRESS APPARATUS FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY
KR20120115723 A 20121019	HYUNDAI MOTOR CO LTD [KR]	KR20110033200 20110411	H01M8/24; H01M4/86; H01M8/02; H01M8/10	FUEL CELL STACK
KR20120115768 A 20121019	HYUNDAI MOBIS CO LTD [KR]	KR20110033267 20110411	H01M8/04; B60L11/18; F04D13/02	HYDROGEN RECIRCULATION BLOWER IN FUEL CELL VEHICLE
KR20120115848 A 20121019	KOREA INST SCI & TECH [KR]	KR20110033416 20110411	C08G73/18; C08J5/22; C08L79/04; H01M8/10	POLYBENZIMIDAZOLIUM BASED SOLID ELECTROLYTES
KR20120115880 A 20121019	NAT UNIV PUKYONG IND UNIV COOP [KR]	KR20110033460 20110411	H01M8/06; C01B3/36; H01M8/10	HYDROGEN PRODUCTION SYSTEM FOR PEMFC
KR20120116266 A 20121022	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20110033905 20110412	C02F1/46; H01M8/16	NON-AERATION ORGANIC MATTER REMOVING APPARATUS
KR20120116736 A 20121023	GS CALTEX CORP [KR]	KR20110034368 20110413	H01M8/04; F24F6/00; H01M8/10	SEPARATING PLATE AND HUMIDIFIER FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120116737 A 20121023	GS CALTEX CORP [KR]	KR20110034369 20110413	H01M8/04; F24F6/04; G05D7/00; H01M8/10	SYSTEM FOR HUMIDIFYING IN POLYMER ELECTROLYTE MEMBRANE FUEL CELL
KR20120116738 A 20121023	GS CALTEX CORP [KR]	KR20110034370 20110413	H01M8/04; B01D19/00; F24F6/04; H01M8/24	CASCADE STACK-TYPED POLYMER ELECTROLYTE MEMBRANE FUEL CELL SYSTEM RECYCLING CROSSOVER GAS
KR20120116739 A 20121023	GS CALTEX CORP [KR]	KR20110034371 20110413	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL
KR20120116740 A 20121023	GS CALTEX CORP [KR]	KR20110034372 20110413	H01M8/02; B29C43/18; B30B15/34	GASKET STRUCTURE FOR FUEL CELL AND MANUFACTURING METHOD FOR GASKET OF THE FUEL CELL
KR20120116742 A 20121023	GS CALTEX CORP [KR]	KR20110034374 20110413	H01M8/04; G01R31/36; H01M8/02; H01M8/24	APPARATUS FOR PREVENTING FLOODING IN FUEL CELL STACK
KR20120116744 A 20121023	GS CALTEX CORP [KR]	KR20110034376 20110413	H01M8/04; F24F6/04; H01M8/02; H01M8/24	CASCADE-TYPE FUEL CELL STACK UNIFIED WITH HUMIDIFIERS
KR20120116745 A 20121023	GS CALTEX CORP [KR]	KR20110034377 20110413	H01M8/04; B01D19/00; H01M8/02; H01M8/24	CASCADE-TYPE STACK INTEGRATED WITH VAPOR-LIQUID SEPARATOR IN FUEL CELL SYSTEM
KR20120116746 A 20121023	GS CALTEX CORP [KR]	KR20110034378 20110413	H01M8/02; G01R31/36; H01M8/04; H01M8/10	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120116822 A 20121023	KOREA ELECTRONICS TECHNOLOGY [KR]	KR20110034480 20110413	H01M8/18; H01M8/02	A CARBON-GRAPHITE COMPLEXED BIPOLAR PLATE AND A REDOX FLOW SECONDARY CELL HAVING THE SAME CARBON-GRAPHITE COMPLEXED BIPOLAR PLATE
KR20120117158 A 20121024	KOREA ENERGY RESEARCH INST [KR]	KR20110034736 20110414	H01M8/04; G01R31/36	EFFICIENCY TEST DEVICE FOR FUEL CELL
KR20120117171 A 20121024	KOREA ENERGY RESEARCH INST [KR]	KR20110034763 20110414	H01M8/04; G05D7/00	EFFICIENCY TEST DEVICE FOR FUEL CELL
KR20120117181 A 20121024	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110034777 20110414	H01M8/06; B63H21/17; C01B3/32; H01M8/04	FUEL CELL SYSTEM FOR SHIP
KR20120117266 A 20121024	HYUNDAI MOTOR CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110034918 20110415	H01M4/88; B30B3/04; B30B15/00; H01M8/10	APPARATUS FOR MANUFACTURING MEMBRANE-ELECTRODE ASSEMBLY
KR20120117458 A 20121024	HYUNDAI MOTOR CO LTD [KR]	KR20110035222 20110415	H01M4/86; H01M8/02; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL STACK OF THE SAME
KR20120118333 A 20121026	SAMSUNG SDI CO LTD [KR]	KR20110035830 20110418	H01M2/16; H01M8/18	SEPARATOR FOR REDOX FLOW BATTERY AND REDOX FLOW BATTERY
KR20120118401 A 20121026	SAMSUNG SDI CO LTD [KR]	US201113246520 20110927; US201161476626P 20110418	H01M8/04; H01M2/02	FUEL CELL CASE
KR20120118651 A 20121029	AITECH CO LTD [KR]	KR20110036148 20110419	H01M8/04; G06F17/50; G06F19/00; H01M8/12	CONTROLLER FOR SOFC SYSTEM DRIVE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120118658 A 20121029	HYUNDAI HYSKO [KR]	KR20110036160 20110419	H01M8/02; B29C45/14; H01M8/10	GASKET COVERING MANIFOLD FOR METAL SEPERATOR OF FUEL CELL AND METHOD FOR FABRICATING THE SAME
KR20120119393 A 20121031	KWANGJU INST SCI & TECH [KR]	KR20110037284 20110421	C01B31/02; B01J21/18; H01M4/96; H01M8/02	METHOD FOR FABRICATING GRAPHENE FOR SUPPORTING CATALYST AND FUEL CELL USING THE SAME
KR20120119438 A 20121031	UNIV KOREA RES & BUS FOUND [KR]	KR20110037363 20110421	C07F7/08; C01B3/00; C07F7/18; H01M8/06	SILANE-BASED HYDROGEN STORAGE MATERIALS AND METHOD FOR HYDROGEN RELEASE AND REGENERATION
KR20120119646 A 20121031	SAMSUNG HEAVY IND [KR]	KR20110037744 20110422	H01M8/04; B01D53/34; B63H21/17; G05D7/00	FUEL CELL SYSTEM AND SHIP HAVING THE SAME
KR20120119690 A 20121031	UNIV KONKUK IND COOP CORP [KR]	KR20110037815 20110422	C02F3/00; C02F11/00; G01R31/36; H01M8/16	CONTROL OF MALODOROUS VOLATILE SULFUR COMPOUNDS IN THE URBAN SEWAGE SYSTEM USING A MICROBIAL FUEL CELL
KR20120134236 A 20121212	KOLON INC [KR]	KR20110053017 20110601	H01M8/02; B82B3/00; C08J5/22; H01M8/10	ELECTROLYTE MEMBRANE FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME
KR20120134332 A 20121212	KOREA ENERGY RESEARCH INST [KR]; KOREA ATOMIC ENERGY RES [KR]	KR20110053175 20110602	H01M8/12; C04B35/01; C04B35/64; H01M8/02	THE MANUFACTURING METHOD OF LOW TEMPERATURE OPERATING SOLID OXIDE FUEL CELL COMPOSED SILVER NANO PARTICLES AND SOLID OXIDE FUEL CELL MANUFACTURED THEREBY
KR20120134618 A 20121212	HYUNDAI HYSKO [KR]	KR20110053659 20110603	H01M8/02; C23C14/02; C23C14/22; C23C28/04	METAL SEPARATOR FOR FUEL CELL AND METHOD OF MANUFACTURING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120134657 A 20121212	HALLA CLIMATE CONTROL CORP [KR]	KR20110053729 20110603	B60L11/18; F04D29/40; F04D29/66; H01M8/04	AIR BLOWER FOR FUEL CELL VEHICLE
KR20120135463 A 20121214	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG ELECTRO MECH [KR]	KR20110052398 20110531	H01M8/12; C04B35/01; C04B35/64; H01M8/02	CATHODE MATERIAL FOR FUEL CELL, AND CATHODE FOR FUEL CELL AND SOLID OXIDE FUEL CELL INCLUDING THE MATERIAL
KR20120135540 A 20121217	HALLA CLIMATE CONTROL CORP [KR]	KR20110054306 20110607	B60L11/18; F04D17/08; F04D29/40; H01M8/04	AIR BLOWER FOR FUEL CELL VEHICLE
KR20120135541 A 20121217	HALLA CLIMATE CONTROL CORP [KR]	KR20110054307 20110607	B60L11/18; F04D17/08; F04D29/40; H01M8/04	AIR BLOWER FOR FUEL CELL VEHICLE
KR20120135796 A 20121217	PYUNGHWA OIL SEAL INDUSTRY CO LTD [KR]	KR20110054712 20110607	H01M8/02; B29C45/14; H01M8/10	METHOD FOR MANUFACTURING FUEL CELL GASKET
KR20120136354 A 20121218	FRAUNHOFER GES FORSCHUNG [DE]	DE20101006705 20100202; WO2011EP00370 20110127	H01M8/24; H01M8/04	FUEL CELL ARRANGEMENT
KR20120136393 A 20121218	TOPPAN PRINTING CO LTD [JP]	JP20100057368 20100315; WO2011JP54987 20110303	H01M4/88; H01M8/02; H01M8/10	SLURRY FOR ELECTRODE CATALYST LAYER OF FUEL CELL, ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
KR20120136405 A 20121218	INTELLIGENT ENERGY LTD [GB]	GB20050001989 20050201; WO2006GB00295 20060130	H01M8/24; B60L11/18; B62J99/00; B62M7/00; H01M8/04	DETACHABLE FUEL CELL POWER UNIT FOR VEHICLE APPLICATIONS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120136442 A 20121220	UNIV KOREA RES & BUS FOUND [KR]	KR20110055375 20110609	B01J23/42; B01J21/18; H01M4/92; H01M8/10	METHOD OF PT LOADING ON THE FUNCTIONALIZED CNT, PT/CNT CATALYSTS AND PEMFC USING THE SAME
KR20120136491 A 20121220	KOREA IND TECH INST [KR]	KR20110055460 20110609	H01M4/88; B05D1/04; H01M4/92; H01M8/10	CATALYST ELECTRODE AND METHOD FOR FABRICATING THE SAME
KR20120136819 A 20121220	HYUNDAI MOTOR CO LTD [KR]	KR20110055994 20110610	H01M8/04; B60L11/18; G01R31/36	DIAGNOSTIC SYSTEM AND METHOD FOR FUEL CELL OF FUEL CELL VEHICLE
KR20120136823 A 20121220	HYUNDAI MOTOR CO LTD [KR]	KR20110055998 20110610	H01M8/24; H01M8/02; H01M8/04; H01M8/10	FUEL CELL STACK
KR20120136824 A 20121220	HYUNDAI MOTOR CO LTD [KR]	KR20110055999 20110610	H01M8/04; B60L11/18; G01M3/26; H01M8/10	METHOD FOR DETECTING LEAKAGE OF OXYGEN AND HYDROGEN IN FUEL CELL SYSTEM
KR20120137007 A 20121220	SEWON HARD FACING CO [KR]; NAT UNIV CHONBUK IND COOP FOUN [KR]	KR20110056275 20110610	H01M8/02; C23C14/34; C23C28/04; H01M8/10	FUEL CELL BIPOLAR PLATE AND MANUFACTURING METHOD FOR THE SAME
KR20120137008 A 20121220	SEWON HARD FACING CO [KR]; NAT UNIV CHONBUK IND COOP FOUN [KR]	KR20110056276 20110610	H01M8/02; C23C14/34; H01M8/10	MANUFACTURING METHOD FOR BIPOLAR PLATE OF FUEL CELL AND BIPOLAR PLATE OF FUEL CELL MANUFACTURED BY THE SAME
KR20120137109 A 20121220	LSIS CO LTD [KR]	KR20110056441 20110610	H01M8/06; G05D7/00; H01M8/04	FUEL PROCESSOR FOR FUEL CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120137128 A 20121220	HYUNDAI MOTOR CO LTD [KR]	KR20110056471 20110610	B60L11/18; H01M8/04	METHOD FOR CONTROLLING CURRENT FEED RATE TO IMPROVE THE PERFORMANCE OF FUEL CELL
KR20120137148 A 20121220	HYUNDAI MOTOR CO LTD [KR]; MANN HUMMEL KOREA CO LTD [KR]; KIA MOTORS CORP [KR]	KR20110056500 20110610	B01D27/02; B01D27/08; B60L11/18; H01M8/04	ION FILTER FOR FUEL CELL VEHICLE
KR20120137460 A 20121221	EVEREADY BATTERY INC [US]	WO2010US27276 20100315; US20090160469P 20090316	H01M10/44; H01M2/10; H01M8/02; H01M12/06	OXYGEN-CONSUMING BATTERY WITH IMPROVED HIGH RATE CAPABILITY
KR20120137917 A 20121224	SNU R&DB FOUNDATION [KR]; XFC INC [KR]	KR20110057084 20110613	H01M8/12; C04B35/64; C23C16/455; H01M8/02	CERIA BASED BI-LAYER ELECTROLYTE COMPRISING YTTRIA-STABILIZED ZIRCORNIA FUNCTIONAL LAYER FORMED VIA ATOMIC LAYER DEPOSITION, AND SOLID OXIDE FUEL CELL COMPRISING THE SAME
KR20120138443 A 20121226	NNP CO LTD [KR]	KR20110057922 20110615	H01M8/02; H01M8/10	SEPARATOR FOR FUEL CELL AND FABRICATING METHOD THE SAME
KR20120138935 A 20121227	PUSAN NAT UNIV IND COOP FOUND [KR]	KR20110058376 20110616	H01M8/02; C23C26/00	MANUFACTURING METHOD FOR BIPOLAR PLATE OF FUEL CELLS USING DIRECT LASER MELTING PROCESS
KR20120139058 A 20121227	LG CHEMICAL LTD [KR]	KR20110058599 20110616	H01M8/02; H01B1/06; H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
KR20120139066 A 20121227	LG CHEMICAL LTD [KR]	KR20110058615 20110616	H01M8/02; D01F2/00; H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120139071 A 20121227	LG CHEMICAL LTD [KR]	KR20110058630 20110616	H01M8/02; B82B3/00; D01F2/00; H01M8/10	ELECTROLYTE MEMBRANE FOR FUEL CELL HAVING IMPROVED DURABILITY, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL INCLUDING THE SAME
KR20120139384 A 20121227	SAMSUNG ELECTRONICS CO LTD [KR]; SAMSUNG ELECTRO MECH [KR]	KR20110059167 20110617	H01M8/12; C04B35/01; H01M4/90; H01M8/02	REFORMING COMPOSITE MATERIAL, AND ANODE STRUCTURE FOR FUEL CELL AND SOLID OXIDE FUEL CELL INCLUDING THE MATERIAL
KR20120139433 A 20121227	KOREA ENERGY RESEARCH INST [KR]	KR20110059234 20110617	H01M8/02; C04B35/01; H01M8/10	DIRECT CARBON FUEL CELL COMPRISING ANODE TUBE AND PREPARATION METHOD THEREOF
KR20120139848 A 20121227	TORAY INDUSTRIES [JP]	JP20050037272 20050215; JP20050220173 20050729; WO2006JP302481 20060214	H01M8/02; C08G67/00; H01B1/12; H01M8/10	PROCESS FOR PRODUCING POLYMER ELECTROLYTE MOLDED PRODUCT, POLYMER ELECTROLYTE MATERIAL, POLYMER ELECTROLYTE MEMBRANE, AND SOLID POLYMER ELECTROLYTE FUEL CELL
KR20120139850 A 20121227	FUELCELL ENERGY INC [US]	US20040020592 20041223; WO2005US39422 20051101	H01M8/24; H01M8/04	DIELECTRIC FRAME ASSEMBLY AND FUEL CELL MANIFOLD
KR20120140211 A 20121228	XEROX CORP [US]	US201213436310 20120330; US201161498993P 20110620	H01M4/88; H01M8/02; H01M8/10	SYSTEM AND METHOD FOR SELECTIVE DEPOSITION OF CATALYST LAYER FOR PEM FUEL CELLS UTILIZING INKJET PRINTING
KR20120140294 A 20121231	HYUNDAI MOTOR CO LTD [KR]	KR20110059928 20110621	H01M8/24; H01M8/02; H01M8/10	FUEL CELL STACK
KR20120140295 A 20121231	KOREA ENERGY RESEARCH INST [KR]	KR20110059931 20110621	H01M4/86; H01M4/92; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELLS HAVING IMPROVED EFFICIENCY AND DURABILITY AND FUEL CELL COMPRISING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
KR20120140497 A 20121231	DAEWOO SHIPBUILDING & MARINE [KR]	KR20110060268 20110621	H01M8/04; B63J99/00; C07C41/09; H01M8/06	APPARATUS AND METHOD FOR PRODUCING ELECTRICITY OF DME FPSO
MX2012005263 A 20120907	CUF QUIMICOS IND S A [PT]	PT20090104812 20091106; WO2010IB55045 20101105	B01J19/24; C07C209/02; H01M8/06	A HYDROGEN OR OXYGEN ELECTROCHEMICAL PUMPING CATALYTIC MEMBRANE REACTOR AND ITS APPLICATIONS.
MX2012007317 A 20120720	ELECTRO POWER SYSTEMS S P A [IT]	IT2009TO01026 20091222; WO2010IB03320 20101221	H01M8/04; H01M8/10	MANAGEMENT OF OPERATION OF A PEM - FUEL -CELL -STACK BACKUP ELECTRIC GENERATOR.
MX2012008091 A 20120730	ELECTRO POWER SYSTEMS S P A [IT]	IT2010TO00057 20100128; WO2011IB00130 20110127	H01M8/04; C25B1/04; H01M8/06	MANAGEMENT OF THE OPERATION OF A SYSTEM FOR PRODUCING ELECTRIC POWER FROM HYDROGEN AND HYDROGEN FROM ELECTRIC POWER.
MX2012008254 A 20120803	INTELLIGENT ENERGY LTD [GB]	GB20100000651 20100115; WO2010GB02349 20101231	B65H5/22; B63B35/14; B65H29/24; H01M8/02	TRANSFER MECHANISM.
MX2012009867 A 20120912	INTELLIGENT ENERGY LTD [GB]	GB20100003281 20100226; WO2011GB00191 20110211	H01M8/02; H01M8/10	LAMINATED FUEL CELL ASSEMBLY.
MX2012012882 A 20121129	IDATECH LLC [US]	US20100333350P 20100511; US201113097350 20110429; WO2011US34730 20110502	H01M8/04	SYSTEMS AND METHODS FOR REGULATING FUEL CELL AIR FLOW DURING LOW LOADS OR COLD TEMPERATURE OPERATION.
MY146411 A 20120815	IDATECH LLC [US]	US20050229365 20050916	H01M8/04	THERMALLY PRIMED HYDROGEN- PRODUCING FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
MY146754 A 20120914	FAIRCHILD SEMICONDUCTOR [US]	US20060339998 20060125	H01M8/06; B01J19/00; C01B3/26	SELF-ALIGNED TRENCH MOSFET STRUCTURE AND METHOD OF MANUFACTURE
MY147053 A 20121015	TEXACO DEVELOPMENT CORP [US]	US20030407316 20030404	H01M8/00; B01J8/02; B01J19/00; B32B27/04; C01B3/38; C10J3/20; G05D1/00; H01M8/04	PORTABLE FUEL PROCESSOR APPARATUS AND ENCLOSURE AND METHOD OF INSTALLING SAME
MY147601 A 20121231	CERES POWER LTD [GB]	MY2006PI03964 20060817	H01M8/12	A METHOD AND APPARATUS FOR OPERATING AN INTERMEDIATE-TEMPERATURE SOLID-OXIDE FUEL CELL STACK WITH A MIXED IONIC/ELECTRONIC CONDUCTING ELECTROLYTE IN ORDER TO INCREASE ITS EFFICIENCY
NL2006266C C 20120822	HYET HOLDING B V [NL]	NL20112006266 20110221	H01M8/02; H01M8/04; H01M8/24	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL OR REDOX FLOW BATTERY.
NO333040B B1 20130218	HYDROGENPARTNER AS [NO]	NO20110000847 20110610	H01M8/06; H01L31/04	System for stromforsyning
NZ579743 A 20120928	BIOECON INT HOLDING NV	WO2008EP52049 20080220; EP20070102734 20070220	H01M8/10; H01M8/04; H01M8/16	PROCESS FOR GENERATING ELECTRIC ENERGY FROM BIOMASS
PL394203 A1 20120924	AKAD GORNICZO HUTNICZA [PL]	PL20110394203 20110314	H01M4/36; H01M4/86; H01M8/02	Method for manufacturing anode material for SOFC type fuel cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
PT105613 A 20121004	UNIV DO PORTO [PT]	PT20110105613 20110404	B01J23/44; B01J23/52; B01J23/63; B01J23/72; B01J23/80; H01M8/00	SUPOORTE E CATALISADOR DE ?IDO MET?ICO, M?ODO DE PREPARA?O E SUAS APLICA?ES
PT1716612E E 20120810	CERES IP CO LTD [GB]	GB20040002906 20040210	H01M8/04; H01M8/12	A METHOD AND APPARATUS FOR OPERATING A SOLID-OXIDE FUEL CELL STACK WITH A MIXED IONIC/ELECTRONIC CONDUCTING ELECTROLYTE
PT2122718E E 20120821	JD HOLDING INC [KY]	US20070716120 20070309	H01M8/18	INHERENTLY SAFE REDOX FLOW BATTERY STORAGE SYSTEM
PT2226411E E 20121004	RECH 2000 INC [CA]	EP20090003284 20090306	C25B15/02; G05B13/00; H01M8/04	METHOD FOR ENSURING AND MONITORING ELECTROLYZER SAFETY AND PERFORMANCES
RU2455735 C1 20120710	SONY CORP [JP]	JP20080157227 20080616	H01M8/04	SET AND METHOD FOR FUEL FILLING
RU2459318 C1 20120820	AJEHJCHAJ CORP [JP]; AJEHJCHAJ METALTEK KO LTD [JP]	JP20080191803 20080725	H01M2/14; H01M8/02	METHOD AND DEVICE FOR MAKING SEPARATOR FOR POLYMER-ELECTROLYTE FUEL CELL
RU2459764 C1 20120827	PANASONIC CORP [JP]	JP20080230537 20080909; JP20080192200 20080725	C01B3/38; H01M8/06	APPARATUS FOR PRODUCING HYDROGEN AND FUEL CELL SYSTEM EQUIPPED WITH SAID APPARATUS
RU2460179 C1 20120827	FEDERAL NOE GUP TSENTRAL NYJ NII SUDOVOJ EHLEKTROTEKHNIKI I T FGUP TSNII SEHT [RU]	RU20110117244 20110428	H01M8/04	POWER PLANT OPERATING ON FUEL ELEMENTS
RU2461100 C1 20120910	NIPPON STEEL CORP [JP]	JP20080253328 20080930	C23C8/10; H01M8/02; H01M8/10	TITANIUM MATERIAL FOR SEPARATOR OF SOLID POLYMER FUEL ELEMENT, WHICH HAS LOW CONTACT RESISTANCE, AND ITS PREPARATION METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
RU2462797 C1 20120927	G UCHEBNO NAUCHNOE UCHREZH DENIE FIZICHESKIJ FAKUL TET MO G UNI IM M V LOMONOSOVA [RU]	RU20110128795 20110713	H01M8/02	MEMBRANE-ELECTRODE UNIT FOR FUEL CELL
RU2462798 C1 20120927	FEDERAL NOE GUP TSENTRAL NYJ NII SUDOVOJ EHLEKTROTEKHNIKI I T FGUP TSNII SEHT [RU]	RU20110117219 20110428	H01M8/04	POWER PLANT OPERATING ON FUEL ELEMENTS
RU2465692 C1 20121027	NISSAN MOTOR KO LTD [JP]; UNIV OF JAMANASI [JP]	JP20080247729 20080926; JP20090148052 20090622	H01M4/86; H01M8/10	GAS-DIFFUSION LAYER FOR FUEL CELL
RU2465694 C1 20121027	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST FIZ TVERDOGO TELA ROSSIJSKOJ AKADEMII NAUK IFTT RA [RU]	RU20110123307 20110609	B82B3/00; H01M8/12	ELECTROCONDUCTIVE PROTECTIVE METAL COATING OF CURRENT COLLECTOR AND METHOD OF ITS APPLICATION
SG185176 A1 20121129	ROLLS ROYCE FUEL CELL SYSTEMS LTD [GB]	GB20050021984 20051028	C25B1/04; C25B9/06; C25B15/08; H01M8/18	ELECTROLYSIS
SU1840828 A1 20120727	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST VYSOKOTEMPERATURNIJ EHLEKTROKHMII URAL SKOGO OTDE [RU]	SU19802286387 19800901	H01M8/12	METHOD OF ASSEMBLING CELLS
SU1840832 A1 20120727	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST VYSOKOTEMPERATURNIJ EHLEKTROKHMII URAL SKOGO OTDE [RU]	SU19772223627 19770801	H01M8/10	METHOD OF MAKING SOLID ELECTROLYTE THIN GASTIGHT FILMS FOR ELECTROCHEMICAL DEVICES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
SU1840833 A1 20120727	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST VYSOKOTEMPERATURNOJ EHLEKTROKHIMII URAL SKOGO OTDE [RU]	SU19792255332 19790416	H01M8/12	CELL BATTERY OF ELECTROCHEMICAL DEVICE
SU1840834 A1 20120727	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST VYSOKOTEMPERATURNOJ EHLEKTROKHIMII URAL SKOGO OTDE [RU]	SU19792255334 19790416	H01M8/12	METHOD OF CONNECTING CELLS IN BATTERY
SU1840835 A1 20120727	FEDERAL NOE G BJUDZHETNOE UCHREZH DENIE NAUKI INST VYSOTEMPERATURNOJ EHLETROKHIMII URAL SKOGO OTDEL R [RU]	SU19792256831 19790514	H01M8/12	HIGH-TEMPERATURE BATTERY WITH SOLID ELECTROLYTE
TW201226287 A 20120701	ASIA PACIFIC FUEL CELL TECH [TW]	TW20100145540 20101223	B65D85/88; H01M8/04	Storage tank with compartment structure
TW201228072 A 20120701	IND TECH RES INST [TW]	TW20100146926 20101230	H01M2/16; H01M8/10	Low permeability composite proton exchange membrane including organic-inorganic hybrid
TW201228085 A 20120701	IND TECH RES INST [TW]	TW20100144306 20101216	H01M8/02; H01M8/10	Fuel distribution structure and fuel cell having the same
TW201228086 A 20120701	UNIV CHUNG YAN CHRISTIAN [TW]	TW20100144899 20101221	H01M8/02; B29C45/16; H01B5/16	Dual-material co-injection molded bipolar plate and manufacturing method thereof
TW201228087 A 20120701	ASIA PACIFIC FUEL CELL TECH [TW]	TW20100145542 20101223	H01M8/02	Bearing plate module structure
TW201228173 A 20120701	CHUNG HSIN ELEC & MACH MFG [TW]	TW20100146472 20101229	H02J1/10; H01M8/00; H02J1/14	Power supply system and fuel cell backup power system thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TW201228973 A 20120716	HYOGO PREFECTURAL GOVERNMENT [JP]; NIPPON ELECTRIC GLASS CO [JP]	JP20100199014 20100906; JP20100199015 20100906	C03C3/062; C03C3/097; C03C3/16; C03C4/14; H01B1/06; H01B1/08; H01B13/00; H01M8/02; H01M8/12	Ion conductive material and fabricating method thereof
TW201229450 A 20120716	INER AEC EXECUTIVE YUAN [TW]	TW20110101368 20110114	F27D5/00; H01M8/00	A high temperature furnace of solid oxide fuel cell
TW201230458 A 20120716	PRIMUS POWER CORP [US]	US20100877852 20100908; US20100877884 20100908	H01M2/36; H01M2/38; H01M8/02	Metal electrode assembly for flow batteries
TW201230481 A 20120716	IDATECH LLC [US]	US20100901987 20101011	H01M8/06	Systems and methods for maintaining hydrogen-selective membranes during periods of inactivity
TW201230482 A 20120716	SUMITOMO ELECTRIC INDUSTRIES [JP]	JP20100102747 20100427; JP20100102748 20100427; JP20100102749 20100427	H01M8/18	Redox flow battery
TW201232892 A 20120801	NEOMAX MATERIALS CO LTD [JP]	JP20100235262 20101020	H01M2/14; H01M8/02	Separator for fuel cell and method for manufacturing the same
TW201232894 A 20120801	INTELLIGENT ENERGY LTD [GB]	GB20100020478 20101203	H01M2/26; H01M8/02	Connector system for a fuel cell stack
TW201232909 A 20120801	TANAKA PRECIOUS METAL IND [JP]	JP20100273347 20101208	H01M4/92; B01J21/18; B01J23/42; H01M8/10	Catalyst for polymer electrolyte fuel cell and method for manufacturing the same



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TW201232910 A 20120801	FU JEN CATHOLIC UNIVERSITY [TW]	TW20110103422 20110128	H01M8/18; H01M8/20	Electrode structure of a vanadium redox flow battery
TW201234701 A 20120816	WANSHIH ELECTRONIC CO LTD [TW]	TW20110104272 20110209	H01M8/04; H01M10/44; H01M10/50	Fuel cell apparatus and control method for the same
TW201236250 A 20120901	ATOMIC ENERGY COUNCIL [TW]	TW20110105324 20110218	H01M8/02	Laminate for use in a fuel cell and method for making the same
TW201236251 A 20120901	NIPPON LIGHT METAL CO [JP]	JP20100248910 20101105	H01M8/02	Separator for fuel cell and manufacturing method therefor
TW201236253 A 20120901	IND TECH RES INST [TW]	US20100428969P 20101231; US201113098144 20110429	H01M8/02	Fluid flow plate assemblies for fuel cells
TW201237100 A 20120916	UNIV NAT CHENG KUNG [TW]	TW20110107537 20110307	C08L79/08; C08L33/26; C08L101/04; H01M2/16; H01M8/22	Compositions containing maleimide derivatives, compositions containing maleimide-derived copolymers and films and cells comprising the compositions
TW201240204 A 20121001	IND TECH RES INST [TW]	TW20110110318 20110325	H01M8/22; H01M8/04	Solid hydrogen fuel with initial heating mechanism
TW201241013 A 20121016	DU PONT [US]	US20100425094P 20101220	C08F214/18; H01M4/86; H01M8/10	Ionomers and ionically conductive compositions for use as one or more electrode of a fuel cell
TW201242158 A 20121016	UNIV NAT CENTRAL [TW]	TW20110113239 20110415	H01M8/02	Composite bipolar plate
TW201242894 A 20121101	CHUNG SHAN INST OF SCIENCE [TW]	TW20110114994 20110429	C01B31/04; H01M8/02	Fabrication method for flexible graphite composite
TW201244232 A 20121101	UNIV NAT CHUNGHSING [TW]	TW20110114265 20110425	H01M4/02; H01M8/18	Electrode material structure body and liquid stream battery device made thereof
TW201244237 A 20121101	UNIV YUAN ZE [TW]	TW20110113980 20110422	H01M4/94; H01M8/02	Gas diffusion layer of methanol fuel cell and the manufacturing method thereof

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TW201244238 A 20121101	UNIV NAT CHENG KUNG [TW]	TW20110113673 20110420	H01M8/00; H01M8/04	Initiation method for fuel cell
TW201244240 A 20121101	UNIV NAT CHENG KUNG [TW]	TW20110113675 20110420	H01M8/02; H01M8/04	Fuel cell system
TW201244241 A 20121101	UNIV YUAN ZE [TW]	TW20110113982 20110422	H01M8/02	Fuel cell polar plate flow channel capillary guiding structure
TW201244243 A 20121101	BLOOM ENERGY CORP [US]	US20100418043P 20101130	H01M8/04	Non-destructive testing methods for fuel cell interconnect manufacturing
TW201244244 A 20121101	INER AEC EXECUTIVE YUAN [TW]	TW20110115085 20110429	H01M8/10; H01M8/24	A solid oxide fuel cell stack modular structure
TW201244245 A 20121101	DU PONT [US]	US201061425101P 20101220	H01M8/10; H01M4/86; H01M4/88	High molecular weight ionomers and ionically conductive compositions for use as one or more electrode of a fuel cell
TW201244246 A 20121101	ATI PROPERTIES INC [US]	US20050690671P 20050615; US20050169117 20050628; US20050169105 20050628; US20050168021 20050628	H01M8/12	Interconnects for solid oxide fuel cells and ferritic stainless steels adapted for use with solid oxide fuel cells
TW201244360 A 20121101	BLOOM ENERGY CORP [US]	US20100406265P 20101025	H02M7/48; H01M8/00	Fuel cell control device and method
TW201245570 A 20121116	CHEN WEN-LE [TW]	TW20110115706 20110505	F02M21/02; C25B1/04; H01M8/22	Fuel supplying system
TWI373559B B 20121001	IND TECH RES INST [TW]; UNIV CALIFORNIA [US]	US20050320816 20051230	F04B19/24; H01M8/02	Flow rate controller and the method thereof
TWI373873B B 20121001	MOTOROLA MOBILITY INC [US]	US20050122627 20050505	H01M8/00	System and method for distributing fuel to multiple fuel cells
TWI373875B B 20121001	YAMAHA MOTOR CO LTD [JP]	JP20040211639 20040720	H01M8/04	Fuel cell system and transport equipment including the same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TWI373876B B 20121001	MITSUBISHI PENCIL CO [JP]	JP20050227822 20050805	H01M8/04	Separator for Fuel Cell and Production Process for the Same
TWI373878B B 20121001	KURITA WATER IND LTD [JP]	JP20050151693 20050524	H01M8/06	Fuel battery system
TWI373881B B 20121001	HEWLETT PACKARD DEVELOPMENT CO [US]	US20050213210 20050826	H01M8/24	Fuel cell and battery systems
TWI374570B B 20121011	KURITA WATER IND LTD [JP]	JP20050122063 20050420	H01M8/06	Fuel supply device fuel cell
TWI377227B B 20121121	ARKEMA INC [US]	US20030491005P 20030730; US20040891463 20040714	C08L27/12; C08L27/16; C08G18/08; C08G18/62; C08G18/79; C08G18/80; C08J5/22; C08L33/00; C08L75/04; C08L101/00; H01B1/06; H01B1/12; H01B13/00; H01M2/02; H01M2/16; H01M8/02; H01M8/10	A membrane electrode assembly, and a fuel cell and a multi-layer polyelectrolyte membrane comprising the same

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
TWI377726B B 20121121	3M INNOVATIVE PROPERTIES CO [US]	US20040558509P 20040401	H01M4/28; H01M2/34; H01M4/131; H01M4/48; H01M4/485; H01M4/58; H01M8/20; H01M10/0525; H01M10/0567; H01M10/36; H01M10/42	Redox shuttle for overdischarge protection in rechargeable lithium-ion batteries
TWI377729B B 20121121	SOLICORE INC [US]	US20040589845P 20040722	H01M8/02; H01M10/052; H01M10/058; H01M10/36	Battery and electronic device comprising the same
TWI378591B B 20121201	YAMAHA MOTOR CO LTD [JP]	JP20050015190 20050124	H01M8/00; H01M8/04	Fuel cell system and transport equipment including the same
TWI378942B B 20121211	ARKEMA INC [US]	US20050684038P 20050524	C08F12/20; C08F12/22; C08F12/30; C08F16/12; H01M8/02	Blend of ionic (co)polymer resins and matrix (co)polymers
TWM435058U U 20120801	OPEN MINDER GROUP LTD [VG]	TW20120202161U 20120207	H01M8/00	A mental-air battery structure
TWM440541U U 20121101	KAORI HEAT TREAT CO LTD [TW]	TW20120210133U 20120528	H01M8/00	Fuel reformer structure for a fuel cell
TWM443946U U 20121221	KAORI HEAT TREAT CO LTD [TW]	TW20120217082U 20120905	H01M8/00	Improved structure of fuel reformer
US2012171530 A1 20120705	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100140681 20101231	H01M8/20; H01M2/40	REDOX FLOW BATTERY
US2012171531 A1 20120705	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100140675 20101231	H01M8/20; H01M2/40	REDOX FLOW BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012171582 A1 20120705	KOREA MACH & MATERIALS INST [KR]	WO2009KR06065 20091020; KR20090046382 20090527	H01M8/06	OPEN TYPE FUEL CELL SYSTEM
US2012171583 A1 20120705	LIQUID LIGHT INC [US]	US201113340155 20111229; US201061428524P 20101230	H01M8/02; H01M4/92	GAS PHASE ELECTROCHEMICAL REDUCTION OF CARBON DIOXIDE
US2012171584 A1 20120705	BLOOM ENERGY CORP [US]	US201213415427 20120308; US20080219684 20080725; US20070935092P 20070726	H01M8/04; H01M8/24	Hot Box Design with a Multi-Stream Heat Exchanger and Single Air Control
US2012171585 A1 20120705	DAIMLER AG [DE]	DE20091036199 20090805; WO2010EP04379 20100719	H01M8/04; H01M8/06	Method for Operation of a Fuel Cell System in a Vehicle
US2012171586 A1 20120705	KONICA MINOLTA HOLDINGS INC [JP]	JP20090207909 20090909; WO2010JP62327 20100722	H01M8/06	Fuel Cell

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012171587 A1 20120705	CTP HYDROGEN CORP [US]	US20050662321P 20050316; US20070899865P 20070206; US20060787555P 20060330; WO2005US35714 20051005; US20070729955 20070329; US20040616475P 20041005	H01M8/18; B32B5/18; B32B18/00; C25B1/10; C25B9/10; H01M8/06	Conducting ceramics for electrochemical systems
US2012171588 A1 20120705	UNIV OHIO STATE RES FOUND [US]	US201013394572 20100908; US20090240508P 20090908; WO2010US48125 20100908	H01M8/06; H01M8/18	INTEGRATION OF REFORMING/WATER SPLITTING AND ELECTROCHEMICAL SYSTEMS FOR POWER GENERATION WITH INTEGRATED CARBON CAPTURE
US2012171590 A1 20120705	NISSAN MOTOR [JP]	JP20090214321 20090916; WO2010JP63293 20100805	H01M8/04	CONTROL DEVICE AND CONTROL METHOD FOR FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012171591 A1 20120705	CRUCIBLE INTELLECTUAL PROPERTY LLC [US]	US201213413483 20120306; US20100968250 20101214; US20040548979 20040318; WO2004US08685 20040318; US20030455905P 20030318	H01M8/04; B21D53/00; B22D25/06; B23P15/00; C22C45/00; C22C45/02; C22C45/04; C22C45/06; C22C45/08; C22C45/10; H01M2/14; H01M2/16; H01M2/18; H01M4/64; H01M4/66; H01M8/02; H01M10/18	CURRENT COLLECTOR PLATES OF BULK-SOLIDIFYING AMORPHOUS ALLOYS
US2012171592 A1 20120705	SAMSUNG ELECTRONICS CO LTD [KR]	KR20100140677 20101231	H01M2/08; H01M8/24	UNIT CELL OF FUEL CELL STACK AND FUEL CELL STACK HAVING THE UNIT CELL
US2012171593 A1 20120705	IND TECH RES INST [TW]	TW20100146629 20101229; TW20110103141 20110127	H01M8/10; B01J31/02	METAL CATALYST COMPOSITION MODIFIED BY NITROGEN-CONTAINING COMPOUND
US2012171594 A1 20120705	UNIV ST ANDREWS [GB]; TOYOTA MOTOR CO LTD [JP]	WO2009JP66856 20090918	H01M4/86; H01M8/10	AIR CATHODE AND METAL-AIR BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012171595 A1 20120705	YAMADA TAKASHI [JP]; KOMADA NORIKAZU [JP]	US201213406642 20120228; JP20050041558 20050218; JP20060030732 20060208; JP20060030733 20060208; JP20060030734 20060208; US20080884014 20080916; WO2006JP302833 20060217; JP20050152711 20050525	H01M4/86; H01M8/10	POWER GENERATION CELL FOR SOLID ELECTROLYTE FUEL CELL AND STRUCTURE OF FUEL ELECTRODE THEREOF
US2012171596 A1 20120705	HILLIARD DONALD BENNETT [US]	US20090273428P 20090804; WO2010US02178 20100804; US201013261202 20100804; US20100803213 20100621	H01M8/10; C23F1/02; C25B9/08	SOLID OXIDE ELECTROLYTIC DEVICE
US2012171597 A1 20120705	FUKAZAWA TAISHI [JP]; AKASAKA YOSHIHIRO [JP]; SONG JUNGMIN [JP]	WO2009JP63436 20090728	H01M8/10; H01M4/92	DIRECT METHANOL FUEL CELL AND ANODE USED THEREIN



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012171598 A1 20120705	UBE INDUSTRIES [JP]	US201213410938 20120302; JP20050060778 20050304; JP20050243728 20050825; JP20050243729 20050825; JP20050309331 20051025; JP20060051530 20060228; US20070885598 20070904; WO2006JP304067 20060303	H01M8/10	POLYMER ELECTROLYTE COMPOSITION
US2012171599 A1 20120705	OLYMPUS CORP [JP]	JP20090239245 20091016; JP20100037566 20100223; JP20100055770 20100312; WO2010JP66403 20100922	H01M8/10; H01M2/36; H01M8/04	FUEL CELL, BATTERY AND ELECTRODE FOR FUEL CELL
US2012178000 A1 20120712	GEORGIA TECH RES INST [US]	WO2010US50140 20100924; US20090245494P 20090924; US201013496677 20100924	H01M8/10; H01M8/16; H01M8/24	Electrochemical devices based on multiple junction ionic conductive membranes
US2012178001 A1 20120712	BATTELLE MEMORIAL INSTITUTE [US]	US201113004138 20110111	H01M8/22	Graphene-based Battery Electrodes Having Continuous Flow Paths

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012178002 A1 20120712	BASF SE [DE]	US201113165283 20110621; US20100357115P 20100622	H01M8/22; H01B1/04; H01M4/86; H01M4/88	ELECTRODES AND PRODUCTION AND USE THEREOF
US2012178004 A1 20120712	HONDA MOTOR CO LTD [JP]	JP20110004161 20110112	H01M8/06; H01M8/10	FUEL CELL
US2012178005 A1 20120712	FRAUNHOFER GES FORSCHUNG [DE]	DE20091031774 20090630; WO2010EP03798 20100624	H01M8/06	HIGH-TEMPERATURE FUEL CELL SYSTEM
US2012178007 A1 20120712	HUAWEI TECH CO LTD [CN]	CN20091176417 20090914; WO2010CN76834 20100913	H01M8/04	FUEL CELL CONTROL METHOD AND FUEL CELL CONTROLLER
US2012178009 A1 20120712	LOVE ROBERT A [US]; LAKE JEFFREY G [US]	WO2009US63701 20091109	H01M2/14; H01M8/04	FUEL CELL SEALING CONFIGURATION
US2012178010 A1 20120712	GM GLOBAL TECH OPERATIONS INC [US]	US201213423809 20120319; US20070873518 20071017	H01M8/04; H01M8/00	FUEL CELL STACK WITH ASYMMETRIC DIFFUSION MEDIA ON ANODE AND CATHODE
US2012178011 A1 20120712	HONDA MOTOR CO LTD [JP]	JP20110004157 20110112	H01M8/24; H01M8/04	FUEL CELL
US2012178012 A1 20120712	SAMSUNG ELECTRO MECH [KR]	KR20110003104 20110112	H01M2/08; H01M8/10; H01M8/24	SEALING MEMBER FOR SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL EMPLOYING THE SAME
US2012178013 A1 20120712	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110001550 20110106	H01M8/10; H01M8/00	CATALYST COATED MEMBRANE FOR FUEL CELL, MEMBRANE AND ELECTRODE ASSEMBLY (MEA) INCLUDING SAME, METHOD OF MANUFACTURING THE MEA, AND FUEL CELL INCLUDING THE MEA

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012178014 A1 20120712	EQUOS RESEARCH KK [JP]	JP20100083391 20100331; JP20100083431 20100331; WO2010JP61067 20100629; JP20090153546 20090629; JP20100074064 20100329; JP20100083384 20100331	H01M8/10; H01M4/86	REACTION LAYER FOR FUEL CELL
US2012178015 A1 20120712	GEN ELECTRIC [US]	US20070863747 20070928	H01M8/10; B05D3/02; B05D3/10; B05D5/12; C23C4/12; C23C16/44; C23C16/48	METHOD OF PROCESSING A CERAMIC ELECTROLYTE, AND RELATED ARTICLES
US2012178016 A1 20120712	SAMSUNG ELECTRO MECH [KR]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20110001791 20110107	H01M8/10; B05D5/12; H01B1/00	CATHODE MATERIAL FOR FUEL CELL, CATHODE FOR FUEL CELL INCLUDING THE SAME, METHOD OF MANUFACTURING THE CATHODE, AND SOLID OXIDE FUEL CELL INCLUDING THE CATHODE
US2012178017 A1 20120712	DAIKIN IND LTD [JP]; ASAHI KASEI E MATERIALS CORP [JP]	JP20090217693 20090918; WO2010JP66227 20100917	H01M8/10; H01M4/86; H01M4/88; H01M4/90; H01M8/00; H01M8/08	ELECTROLYTE EMULSION AND PROCESS FOR PRODUCING SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012178018 A1 20120712	BASF SE [DE]	EP20090170900 20090922; WO2010EP63944 20100922	H01M4/92; H01M4/88; H01M4/90; H01M8/10	CATALYST WITH METAL OXIDE DOPING FOR FUEL CELLS
US2012178115 A1 20120712	MANO NICOLAS [FR]; STINES-CHAUMEIL CLAIRE [FR]; DURAND FABIEN [FR]	FR20090003694 20090728; WO2010FR00522 20100720	C12N9/04; C12N1/21; C12N15/53; C12N15/63; C12Q1/54; G01N21/78; G01N27/26; G01N27/30; G01N33/66; H01M4/90; H01M8/16	Mutants of Pyrroloquinoline Quinine-Dependent Soluble Glucose Dehydrogenase
US2012178832 A1 20120712	ENGINEUITY RES AND DEV LTD [IL]	US20070818967 20070713; US20060862827P 20061025	C07C27/00; B01J7/00; C01B3/34	Methods and systems for producing energy from carbon dioxide
US2012183868 A1 20120719	ELECTRICITE DE FRANCE [FR]	WO2010FR52246 20101021; FR20090057528 20091027	H01M8/10; C25B9/00; C25B13/00	ELECTROCHEMICAL DEVICE HAVING A SOLID ALKALINE ION-CONDUCTING ELECTROLYTE AND AN AQUEOUS ELECTROLYTE
US2012183870 A1 20120719	URATANI SHOICHI [JP]; ISHIDA NOBUHISA [JP]	JP20090226795 20090930; WO2010JP65113 20100903	H01M8/18	Fuel Cell Device
US2012183871 A1 20120719	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110003552 20110113	H01M8/04	METHOD OF OPERATING HIGH TEMPERATURE FUEL CELL
US2012183873 A1 20120719	TOYOTA MOTOR CO LTD [JP]	WO2009JP66637 20090925	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012183874 A1 20120719	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090054767 20090709; WO2010FR51458 20100709	H01M8/04	METHOD AND DEVICE FOR INCREASING THE SERVICE LIFE OF A PROTON EXCHANGE MEMBRANE FUEL CELL
US2012183875 A1 20120719	TOYOTA MOTOR CO LTD [JP]	WO2009JP63064 20090721	H01M8/04	FUEL CELL SYSTEM
US2012183876 A1 20120719	TAKASHI ONO [JP]; NAKAMURA MITSUHIRO [JP]; TAKAHASHI NARUTO [JP]	WO2010JP66838 20100928; JP20090247307 20091028; JP20090221860 20090928	H01M8/04; H01M8/22; H01M8/24	FUEL CELL DEVICE
US2012183878 A1 20120719	OKADA SAORI [JP]; KURATA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OOTA KENICHIRO [JP]	JP20090224465 20090929; WO2010JP54377 20100316	H01M8/10; H01M4/86; H01M4/88; H01M4/90; H01M4/96	Manufacturing Method Of Electrode Catalyst Layer, Electrode Catalyst Layer, Membrane Electrode Assembly And Fuel Cell
US2012183879 A1 20120719	OKADA SAORI [JP]; KURATA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OOTA KENICHIRO [JP]	JP20090223803 20090929; WO2010JP54378 20100316	H01M8/10; H01M4/90	MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING THE SAME
US2012183880 A1 20120719	ELECTRICITE DE FRANCE [FR]; INST POLYTECHNIQUE DE BORDEAUX [FR]; ACCUMULATEURS FIXES [FR]	FR20090056772 20090930; WO2010FR51984 20100922	H01M8/10; H01M8/00; H01M8/22	RIGID NEGATIVE COMPARTMENT FOR A METAL-AIR BATTERY AND METHOD OF MANUFACTURING SAID COMPARTMENT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012183881 A1 20120719	HONDA MOTOR CO LTD [JP]	US201213434100 20120329; JP20030146288 20030523; US20050558229 20051122; WO2004JP06971 20040521	H01M8/10; H01M8/02; H01M8/24	FUEL CELL WITH PROTRUDED GAS DIFFUSION LAYER
US2012183883 A1 20120719	NISSAN MOTOR [JP]	US201213427564 20120322; JP20040181235 20040618; US20100692191 20100122; US20050154957 20050617	H01M8/04; H01M8/06; H01M8/24	FUEL CELL HOUSING STRUCTURE
US2012183884 A1 20120719	PARK KWANG-JIN [KR]; KONG SANG-JUN [KR]; KWON TAE-HO [KR]	US201113244216 20110923; US201161432579P 20110113	H01M8/04; H01M2/18	SEPARATOR AND SOFC HAVING THE SAME
US2012183885 A1 20120719	TOYOTA MOTOR CO LTD [JP]	US201213421674 20120315; JP20050349337 20051202; US20080084234 20080428; WO2006JP322863 20061116	H01M8/04	FUEL CELL SYSTEM WITH ANTI-FREEZE STRUCTURE
US2012183887 A1 20120719	TOYOTA CHUO KENKYUSHO KK [JP]	JP20090293856 20091225; WO2010JP07501 20101224	H01M8/02; C23C16/26; H01B1/04; H01M4/66	ORIENTED AMORPHOUS CARBON FILM AND PROCESS FOR FORMING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012187918 A1 20120726	NARAYAN SRI R [US]; PRAKASH G K SURYA [US]; KINDLER ANDREW [US]	US201113189038 20110722; US20100366696P 20100722	H02J7/00; H01M8/22	IRON-AIR RECHARGEABLE BATTERY
US2012189484 A1 20120726	PLANSEE SE [AT]	US201213435762 20120330; AT20020000514U 20020801; US20050533560 20050520; WO2003AT00217 20030730	B22F1/00; B22F3/02; B22F3/12; B22F5/00; H01M8/02	Process for Producing an Interconnector of a High-Temperature Fuel Cell
US2012189875 A1 20120726	GLOBAL ENERGY SCIENCE LLC [US]	US201213437771 20120402; US201113194049 20110729; US20100800658 20100520; US20090220583P 20090626	H01M2/38; H01M2/00	GALVANIC ELECTROCHEMICAL CELLS FOR GENERATING ALTERNATING CURRENT ELECTRICITY
US2012189876 A1 20120726	ARDICA TECHNOLOGIES INC [US]	US20100408388P 20101029; US20090322337 20090129; US201113286025 20111031	H01M8/04; H01M8/24; H01M16/00	FUEL CELL PURGE SYSTEM
US2012189880 A1 20120726	IBM [US]	EP20110151577 20110120	H01M8/20; H01M2/40	ELECTROCHEMICAL POWER DELIVERY VOLTAGE REGULATOR
US2012189922 A1 20120726	SCHMIDT THOMAS JUSTUS [DE]; BAURMEISTER JOCHEN [DE]	WO2010EP04211 20100709; EP20090009250 20090716	H01M8/10; H01M8/06; H01M8/12	METHOD FOR OPERATING A FUEL CELL, AND A CORRESPONDING FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012189924 A1 20120726	PANASONIC CORP [JP]	JP20090194937 20090826; WO2010JP03930 20100614	H01M8/06; H01M4/86; H01M8/10	METHOD OF OPERATING POLYMER ELECTROLYTE FUEL CELL
US2012189925 A1 20120726	TOYOTA MOTOR CO LTD [JP]	WO2009JP64881 20090826; WO2010JP62177 20100720	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM AND METHOD OF OPERATING FUEL CELL SYSTEM
US2012189927 A1 20120726	HONDA MOTOR CO LTD [JP]; KEIHIN CORP [JP]	JP20110012810 20110125	H01M8/06	EJECTOR APPARATUS FOR FUEL CELL
US2012189928 A1 20120726	ARDICA TECHNOLOGIES INC [US]	US20100408462P 20101029; US20050203001 20050811; US201113286044 20111031	H01M8/06; H01M8/04	PUMP ASSEMBLY FOR A FUEL CELL SYSTEM
US2012189931 A1 20120726	PANASONIC CORP [JP]	JP20100062633 20100318; WO2011JP01622 20110318	H01M8/06; H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND OPERATION STOP METHOD OF THE SAME
US2012189933 A1 20120726	WANG CHAO-YANG [US]; CAO LEI [US]; MATSUDA HIROAKI [JP]	US201113013375 20110125	H01M8/04; B05D5/12; H01M4/92; H01M4/96; H01M8/10	ANODE CATALYST LAYERS FOR DIRECT OXIDATION FUEL CELLS
US2012189934 A1 20120726	DIEHL AEROSPACE GMBH [DE]	DE20111009109 20110121	H01M8/04	FUEL CELL WITH MEANS FOR REGULATING POWER OUTPUT
US2012189935 A1 20120726	HONDA MOTOR CO LTD [JP]	JP20110014549 20110126	H01M8/04; H01M8/02	FUEL CELL SYSTEM AND METHOD FOR OPERATING FUEL CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012189936 A1 20120726	TOYOTA MOTOR CO LTD [JP]	US201213425075 20120320; JP20070006859 20070116; US20090523009 20090713; WO2008JP50654 20080111	H01M8/24	FUEL CELL MODULE FOR VEHICLES
US2012189937 A1 20120726	DOHLE HENDRIK [DE]; OETJEN HANS-FRIEDRICH [DE]; SCHUMACHER BIRGIT [DE]	DE20081005841 20080124; WO2009DE00041 20090115	H01M8/24; G01N7/00; H01M8/04	HIGH-TEMPERATURE POLYMER ELECTROLYTE FUEL CELL SYSTEM (HT- PEFC) AND A METHOD FOR OPERATING THE SAME
US2012189938 A1 20120726	GM GLOBAL TECH OPERATIONS INC [US]	US201113014484 20110126	H01M8/04; B05D5/12; H01M8/00	Hydrolytically-Stable Hydrophilic Coating for Bipolar Plates
US2012189940 A1 20120726	BLOOM ENERGY CORP [US]	US201113242194 20110923; US20100386257P 20100924	H01M8/24; B21D47/00; B23P19/00; B65G65/00	Fuel Cell Mechanical Components
US2012189941 A1 20120726	KURATA HARUNA [JP]; MORIOKA HIROYUKI [JP]; OKADA SAORI [JP]; OOTA KENICHIRO [JP]	JP20090223894 20090929; JP20090223923 20090929; WO2010JP54376 20100316	H01M8/10; B05D5/12; H01M4/88; H01M4/96	MANUFACTURING METHOD OF ELECTRODE CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY USING THE SAME, FUEL CELL USING THE SAME AND COMPLEX PARTICLES
US2012189942 A1 20120726	GM GLOBAL TECH OPERATIONS INC [US]	US201213434898 20120330; US20080972817 20080111	H01M8/10; B05D5/12; B32B37/02; B32B37/06; B32B37/10	ELECTRODE ASSEMBLY WITH INTEGRATED REINFORCEMENT LAYER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012189943 A1 20120726	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201013499068 20100930; US20090247380P 20090930; WO2010EP05955 20100930	H01M4/92; B01J23/648; H01M8/10	SYNTHESIS OF STABLE AND DURABLE CATALYST COMPOSITION FOR FUEL CELL
US2012189944 A1 20120726	SAMSUNG ELECTRO MECH [KR]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20110006837 20110124	H01M8/12	SOLID ELECTROLYTE FOR SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL INCLUDING THE SOLID ELECTROLYTE
US2012189945 A1 20120726	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201213440136 20120405; US20050318064 20051223	H01M8/04	FUEL CELL WATER MANAGEMENT SYSTEM AND METHOD
US2012196196 A1 20120802	ZUPPERO ANTHONY C [US]; GIDWANI JAWAHAR M [US]	US201213442373 20120409; US20070676195 20070216; US20020052004 20020117; US20010262331P 20010117	B01J19/00; H01M8/22; H01L29/66; H01L29/86; H01L31/04; H01L33/00; H01M8/00; H01M10/44; H01M14/00; H01S5/04; H01S5/042; H01S5/34	ELECTRON-JUMP CHEMICAL ENERGY CONVERTER
US2012196200 A1 20120802	DEVOE ALAN [US]; DEVOE LAMBERT [US]	US201213443531 20120410; US201113185808 20110719; US20060557894	H01M8/04	SOLID OXIDE FUEL CELL DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012196204 A1 20120802	KOREA INST SCI & TECH [KR]	KR20110009575 20110131	H01M8/14; H01M8/00	MOLTEN CARBONATE FUEL CELLS INCLUDING REINFORCED LITHIUM ALUMINATE MATRIX, METHOD FOR PREPARING THE SAME, AND METHOD FOR SUPPLYING LITHIUM SOURCE
US2012196205 A1 20120802	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110010297 20110201; KR20110083050 20110819	H01M8/10; H01M4/86; H01M4/90	ELECTRODE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
US2012196206 A1 20120802	TOKYO INST TECH [JP]	WO2010JP55242 20100325; JP20090187729 20090813; JP20090272239 20091130; WO2010JP52852 20100224	H01M4/90; C07F7/00; C08J5/22; H01M4/88; H01M8/10	METHOD FOR PRODUCING STRONGLY ACIDIC ZIRCONIUM PARTICLES, PROTON CONDUCTING MATERIAL, METHOD FOR PRODUCING PROTON CONDUCTING MEMBRANE, PROTON CONDUCTING MEMBRANE, ELECTRODE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY, FUEL CELL
US2012202128 A1 20120809	UNIV HOKKAIDO NAT UNIV CORP [JP]; TOYOTA MOTOR CO LTD [JP]	JP20110026120 20110209; JP20110026121 20110209; JP20110026125 20110209	H01M8/10; B01J21/18; B01J37/08	Solid Electrolyte Including Layered Metal Oxide, Fuel Cell Including Thereof, Production Method for Solid Electrolyte, and Production Method for Electrode Catalyst
US2012202129 A1 20120809	ADVENT TECHNOLOGIES [GR]	GR20110100058 20110207	H01M8/10; H01M4/86	CROSSLINKED OR NON-CROSSLINKED AROMATIC (CO)POLYMERS AS PROTON CONDUCTORS FOR USE IN HIGH TEMPERATURE PEM FUEL CELLS
US2012202132 A1 20120809	GM GLOBAL TECH OPERATIONS INC [US]	US201113024007 20110209	H01M8/04; H01M8/24	DEVICE TO MINIMIZE THE BUOYANCY DRIVEN FLOWS IN VERTICALLY ORIENTED HEADERS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012202134 A1 20120809	BADRINARAYANAN PARAVASTU [US]; DARLING ROBERT M [US]; O'NEILL JONATHAN D [US]	WO2009US05562 20091008	H01M8/10	REDUCED THERMAL CONDUCTIVITY IN PEM FUEL CELL GAS DIFFUSION LAYERS
US2012208094 A1 20120816	KHASIN ERNST [IL]; ZABAN ARIE [IL]	US201213359852 20120127; US20090441959 20091211; WO2007US79261 20070924; US20060846346P 20060922	H01M4/86; H01M8/22	POROUS CLUSTERS OF SILVER POWDER PROMOTED BY ZIRCONIUM OXIDE FOR USE AS A CATALYST IN GAS DIFFUSION ELECTRODES, AND METHOD FOR THE PRODUCTION THEREOF
US2012208095 A1 20120816	BAE SYSTEMS PLC [GB]	WO2010GB51479 20100907; EP20090275072 20090909; GB20090015752 20090909	H01M8/22; H01M4/86	GASEOUS PRODUCT GENERATOR
US2012208096 A1 20120816	KUBOKI TAKASHI [JP]; TAKAMI NORIO [JP]	WO2010JP60869 20100625	H01M8/22; H01M2/02; H01M4/40; H01M4/485; H01M4/587	AIR BATTERY
US2012208099 A1 20120816	IDATECH LLC [US]	US201113028044 20110215	C01B3/02; C01B3/34; G05D7/00; H01M8/06	SYSTEMS AND METHODS FOR ACTIVELY CONTROLLING STEAM-TO-CARBON RATIO IN HYDROGEN-PRODUCING FUEL PROCESSING SYSTEMS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012208100 A1 20120816	TOSHIBA KK [JP]	JP20090032494 20090216; JP20090051558 20090305; JP20100026457 20100209; WO2010JP00905 20100215	H01M8/06; B32B18/00; C01B31/36; C08K3/34; C08L63/00; C08L71/00	ELECTRICAL POWER STORAGE SYSTEM USING HYDROGEN AND METHOD FOR STORING ELECTRICAL POWER USING HYDROGEN
US2012208101 A1 20120816	FRAUNHOFER GES FORSCHUNG [DE]	DE20091037145 20090806; WO2010EP04186 20100709	H01M8/04; H01M8/06	HIGH-TEMPERATURE FUEL CELL SYSTEM HAVING A START BURNER
US2012208102 A1 20120816	SCHUMM JR BROOKE [US]	US201213350727 20120113; US20070909358 20070921; WO2006US10106 20060321; US20050596373P 20050920; US20050594225P 20050321; US20050594227P 20050321	H01M8/04	FLUID REGULATING MICROVALVE ASSEMBLY FOR FLUID CONSUMING CELLS WITH SPRING-LIKE SHAPE-RETAINING APERTURE COVER
US2012208103 A1 20120816	SAMSUNG SDI CO LTD [KR]	US201213443599 20120410; KR20040088218 20041102; US20100911352 20101025; US20050262812 20051101	H01M4/90; B01J21/18; H01M8/10	CARBON NANOSPHERE WITH AT LEAST ONE OPENING, METHOD FOR PREPARING THE SAME, CARBON NANOSPHERE-IMPREGNATED CATALYST USING THE CARBON NANOSPHERE, AND FUEL CELL USING THE CATALYST

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012208265 A1 20120816	PARTSCH UWE [DE]; SCHNEIDER MARELKE [DE]; MAENNEL DOROTHEA [DE]; JURK ROBERT [DE]; GOLDBERG ADRIAN [DE]	DE20091038019 20090812; WO2010EP04899 20100811	F16L9/00; B01J19/00; C12M1/00; F28F1/00; H01M8/04; H01M10/04	3D MICROSTRUCTURING FOR GENERATING MIXED STRUCTURES AND CHANNEL STRUCTURES IN MULTILAYER TECHNOLOGY FOR USE IN OR FOR THE CONSTRUCTION OF REACTORS
US2012214028 A1 20120823	PANASONIC CORP [JP]	JP20100196381 20100902; WO2011JP04900 20110901	H01M8/04; H01M8/02	FUEL CELL SYSTEM AND OPERATION METHOD OF FUEL CELL SYSTEM
US2012214074 A1 20120823	SUMITOMO CHEMICAL CO [JP]	WO2010JP63709 20100812; JP20090189361 20090818	H01M8/22; H01M8/10	AIR CELL
US2012214078 A1 20120823	RELION INC [US]	US201213457358 20120426; US201113210265 20110815; US20070800994 20070508	H01M8/04; H01M8/24	PROTON EXCHANGE MEMBRANE FUEL CELL STACK AND FUEL CELL STACK MODULE
US2012214080 A1 20120823	PANASONIC CORP [JP]	US201213361496 20120130; JP20040175047 20040614; US201113099863 20110503; US20060629496 20061214; WO2005JP10826 20050614	H01M8/24; H01M8/04; H01M8/10	METHOD OF PRESERVING POLYMER ELECTROLYTE FUEL CELL STACK AND PRESERVATION ASSEMBLY OF POLYMER ELECTROLYTE FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012214081 A1 20120823	ATOMIC ENERGY COUNCIL [TW]	US201113031299 20110221	H01M8/10; B28B7/00; H01M8/04	Laminate for Use in a Fuel Cell and Method for Making the Same
US2012214083 A1 20120823	UNIV DANMARKS TEKNISKE [DK]	WO2010DK50193 20100716; EP20090389502 20090717	H01M4/92; H01M4/86; H01M8/10	PLATINUM AND PALLADIUM ALLOYS SUITABLE AS FUEL CELL ELECTRODES
US2012214084 A1 20120823	JOHNSON MATTHEY PLC [GB]	GB20090014562 20090820; WO2010GB51361 20100818	H01M8/10; B01J21/06; B01J23/62; B01J23/648; H01M4/92	CATALYST LAYER
US2012214085 A1 20120823	NGK INSULATORS LTD [JP]	JP20090219911 20090925; WO2010JP64297 20100824	H01M8/10; H01M4/86	FUEL CELL OF SOLID OXIDE FUEL CELL
US2012214086 A1 20120823	PENN STATE RES FOUND [US]; PANASONIC CORP [JP]	US201213453815 20120423; US201113206290 20110809; US20070889109 20070809	H01M8/10	METHOD OF FABRICATING A POLYMER ELECTROLYTE MEMBRANE (PEM)
US2012214087 A1 20120823	TOYOTA MOTOR CO LTD [JP]	US201213458849 20120427; JP20060108735 20060411; US20080296289 20081007; WO2007JP55646 20070320	H01M8/02; H01M2/08; H01M2/14; H01M8/24	METHOD FOR TAKING OUT A SEALING PLATE OF A FUEL CELL AND A SEALING PLATE DIRECTLY USED IN THE METHOD
US2012214088 A1 20120823	GM GLOBAL TECH OPERATIONS INC [US]	US201113030574 20110218	H01M8/04	HYDROGEN STORAGE TANK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012219830 A1 20120830	SAKTI3 INC [US]	US201213465243 20120507; US20090614169 20091106; US20080112707P 20081107	H01M16/00; H01M2/00; H01M2/08; H01M8/04; H01M8/22	METHOD FOR MANUFACTURE AND STRUCTURE OF MULTIPLE ELECTROCHEMISTRIES AND ENERGY GATHERING COMPONENTS WITHIN A UNIFIED STRUCTURE
US2012219832 A1 20120830	PRIMUS POWER CORP [US]	US201113036672 20110228	H01M2/38; H01M8/18	High Temperature Metal-Halogen Flow Battery with Non-Aqueous Molten Salt Electrolyte
US2012219869 A1 20120830	UNIV ILLINOIS; KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	US201213404847 20120224; US201161446979P 20110225	H01M8/16; H01M8/00	Silicon Hydride Nanocrystals as Catalysts for Proton Production in Water-Organic Liquid Mixtures
US2012219871 A1 20120830	NA YOUNG-SEUNG [KR]; SONG IN-SEOB [KR]; KIM HYUN [KR]; CHO HYE-JUNG [KR]	KR20110017000 20110225	H01M8/06	FUEL CELL SYSTEM
US2012219872 A1 20120830	PANASONIC CORP [JP]	JP20090273081 20091201; WO2010JP07009 20101201	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND METHOD OF CONTROLLING FUEL CELL SYSTEM
US2012219874 A1 20120830	SUZUKI YOICHI [JP]; NOMURA TOMOYA [JP]; KOSAKA TAKUYA [JP]; NISHIMURA SHINICHI [JP]	WO2010JP63954 20100812; JP20090187130 20090812	H01M8/00; H01M8/10	Method For Manufacturing Reinforced Membrane Electrode Assembly and Reinforced Membrane Electrode Assembly
US2012219875 A1 20120830	NISSAN MOTOR [JP]	JP20090259611 20091113; WO2010JP70300 20101115	H01M8/10	FUEL CELL AND VEHICLE INCLUDING THE FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012219877 A1 20120830	CHOI SEONGWOO [KR]; PARK JUNGOCK [KR]	US201213466843 20120508; KR20070111587 20071102; KR20080099351 20081009; US20080262854 20081031	H01M8/10; B01J31/06; C08G59/00; H01M4/86; H01M4/92	NAPHTHOXAZINE BENZOXAZINE-BASED MONOMER, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE POLYMER, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE POLYMER, AND FUEL CELL USING THE ELECTRODE
US2012219880 A1 20120830	AFC ENERGY PLC [GB]	GB20090013836 20090807; WO2010GB51203 20100721	H01M4/86; H01M4/90; H01M8/02	Fuel Cells
US2012219881 A1 20120830	SIVARAJAN RAMESH [US]	US201013322205 20100608; US20090185491P 20090609; WO2010US37784 20100608	H01M8/04; B05D5/12	SOLUTION BASED NANOSTRUCTURED CARBON MATERIALS (NCM) COATINGS ON BIPOLAR PLATES IN FUEL CELLS
US2012223185 A1 20120906	DIEHL AEROSPACE GMBH [DE]	DE20111012803 20110302	B64D11/04; H01M2/00; H01M8/04	ON-BOARD SUPPLY SYSTEM AND ON-BOARD GALLEY HAVING A FUEL CELL UNIT FOR USE IN AN AIRCRAFT
US2012225326 A1 20120906	ST MICROELECTRONICS CROLLES 2 [FR]; ST MICROELECTRONICS SA [FR]	FR20110051775 20110304	H01M8/16; B05D5/12; H01M8/00	MODULE ELEMENT, IN PARTICULAR FOR A BIOFUEL CELL, AND MANUFACTURING PROCESS
US2012225330 A1 20120906	TOYOTA MOTOR CO LTD [JP]	US201213472088 20120515; JP20070026092 20070205; US20090522584 20090709; WO2008JP51997 20080131	H01M16/00; H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012225332 A1 20120906	JADAVPUR UNIVERSITY [IN]	US201113039737 20110303	H01M10/00; H01M8/00; H01M8/20	THERMAL ELECTROCHEMICAL CELL
US2012225362 A1 20120906	KERNENE NICOLAS [US]	US201213407179 20120228; US201161447571P 20110228	H01M8/06	ENERGY UNIT WITH SAFE AND STABLE HYDROGEN STORAGE
US2012225363 A1 20120906	FRAUNHOFER GES FORSCHUNG [DE]	WO2010EP04093 20100707; DE20091037148 20090806	H01M8/06; H01M8/24	SOLID OXIDE FUEL CELL SYSTEM
US2012225364 A1 20120906	HONDA MOTOR CO LTD [JP]	JP20110048003 20110304	H01M8/04	METHOD OF STOPPING OPERATION OF FUEL CELL SYSTEM
US2012225366 A1 20120906	TERADYNE INC [US]	US201113040600 20110304	H01M8/04; H01M8/00	IDENTIFYING FUEL CELL DEFECTS
US2012225367 A1 20120906	TOYOTA MOTOR CO LTD [JP]	JP20090270126 20091127; WO2010IB02939 20101118	H01M8/10	FUEL CELL
US2012225370 A1 20120906	LOS ALAMOS NAT SECURITY LLC [US]	US201213412364 20120305; US201161449003P 20110303	H01M8/10; H01M8/02	MINIMIZING ELECTRODE CONTAMINATION IN AN ELECTROCHEMICAL CELL
US2012225371 A1 20120906	LOS ALAMOS NAT SECURITY LLC [US]	US201213409505 20120301; US201161448834P 20110303	H01M4/62; C08J5/22; H01M4/90; H01M4/92; H01M8/10	IONOMER FOR ALKALINE FUEL CELL
US2012225372 A1 20120906	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201113039432 20110303	H01M8/10; H01M8/12	PROTON CONDUCTING ELECTROLYTES WITH CROSS-LINKED COPOLYMER ADDITIVES FOR USE IN FUEL CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012225373 A1 20120906	NANOCELL SYSTEMS INC [US]	US201213465616 20120507; US20070999775 20071207; US20060874574P 20061213	H01M8/04; B05D5/12; C04B35/64	ELECTRODE ASSEMBLY FOR A SOLID OXIDE FUEL CELL AND METHOD FOR MAKING THE SAME
US2012225476 A1 20120906	NEWLIGHT TECHNOLOGIES LLC [US]	US201213452772 20120420; US20100825277 20100628; US20050208808 20050822; US20030687272 20031015; US20040603857P 20040824	F17D1/04; B01J19/00; C12M1/107; F02B43/00; F22B33/00; F23K5/00; H01M8/06; H02K7/18	SYSTEMS FOR THE UTILIZATION OF RUMINANT ANIMAL METHANE EMISSIONS
US2012228146 A1 20120913	PANASONIC CORP [JP]	JP20110051185 20110309; WO2011JP05345 20110922	C25B15/00; C25B1/00; C25B3/04	METHOD FOR REDUCING CARBON DIOXIDE
US2012230527 A1 20120913	INSOUND MEDICAL INC [US]	US201113298009 20111116; US20070945149 20071126; US20050044993 20050126; US20020052199 20020116; US19990327717 19990608; US20040539947P 20040128	H04R25/00; H01M2/10; H01M8/04; H01M12/06	Precision Micro-Hole For Extended Life Batteries

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012231353 A1 20120913	BAYER MATERIALSCIENCE AG [DE]	DE20111005454 20110311	H01M4/90; C25B9/00; C25B11/04; H01M4/86; H01M4/88; H01M8/22	PROCESS FOR PRODUCING OXYGEN- CONSUMING ELECTRODES
US2012231354 A1 20120913	NAT UNIVERSITY CORP TOYOHASHI UNIVERSITY OF TECHNOLOGY [JP]	JP20090270890 20091129; WO2010JP71131 20101126	H01M8/10	ELECTROLYTE MEMBRANE, FUEL CELL, AND ELECTROLYTE MEMBRANE MANUFACTURING METHOD
US2012231356 A1 20120913	IDATECH LLC [US]	US201213414058 20120307; US20100959657 20101203; US20050316488 20051221; US20020304786 20021125; US20000626311 20000726; US19990145900P 19990727	H01M8/04; H01M8/06; H01M16/00	FUEL CELL SYSTEM CONTROLLER
US2012231357 A1 20120913	KIA MOTORS CORP [KR]; HYUNDAI MOTOR CO LTD [KR]	KR20110020957 20110309	H01M8/06	MEMBRANE HUMIDIFIER FOR FUEL CELL
US2012231358 A1 20120913	AKIYAMA TAKASHI [JP]	JP20090266625 20091124; WO2010JP06563 20101109	H01M8/04; H01M8/06	DIRECT OXIDATION FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012231360 A1 20120913	VERSA POWER SYSTEMS LTD [CA]	US201213475400 20120518; US20050905958 20050127; WO2004CA00681 20040506; US20030249772 20030506; US20090570576 20090930	H01M8/06	THERMALLY INTEGRATED FUEL CELL SYSTEM
US2012231361 A1 20120913	TOSHIBA KK [JP]	JP20090248100 20091028; WO2010JP06363 20101028	H01M8/04	FUEL CELL
US2012231362 A1 20120913	HONDA MOTOR CO LTD [JP]	JP20110051574 20110309	H01M8/24; H01M8/10	FUEL CELL
US2012231363 A1 20120913	ACAL ENERGY LTD [GB]	GB20090013638 20090805; WO2010GB51295 20100805	H01M8/02; H01M8/08; H01M8/10; H01M8/24	FUEL CELLS
US2012231364 A1 20120913	KOREA INST SCI & TECH [KR]	KR20110021277 20110310	H01M8/14; B05D5/12; C23C4/00; H01M8/00	CATHODE FOR MOLTEN CARBONATE FUEL CELL AND MANUFACTURING METHOD OF THE SAME
US2012231366 A1 20120913	UNIV FLORIDA [US]	US201213416417 20120309; US201161451252P 20110310	H01M4/86; H01M4/90; H01M4/92; H01M8/10	POROUS CERAMIC MOLTEN METAL COMPOSITE SOLID OXIDE FUEL CELL ANODE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012231367 A1 20120913	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201013508578 20101110; US20090615671 20091110; WO2010EP06835 20101110	H01M8/10; H01M4/86	COMPOSITE PROTON CONDUCTING MEMBRANE WITH LOW DEGRADATION AND MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELLS
US2012231369 A1 20120913	HYDRO QUEBEC [CA]	US201213450074 20120418; CA19992293845 19991229; CA20002299621 20000224; US20100878444 20100909; US20070779551 20070718; US20050182858 20050718; US20020168525 20021126; WO2000CA01589 20001229	C08F214/18; C08F214/28; B32B1/06; B32B1/08; B32B3/02; C08F2/06; C08F214/22; C08F216/14; H01M8/10	HEXAFLUOROPROPENE-BASED FLUOROSULFONATED ELASTOMERS WITH A LOW GLASS TRANSITION TEMPERATURE, CONTAINING NEITHER TETRAFLUOROETHYLENE NOR A SILOXANE GROUP
US2012231370 A1 20120913	GM GLOBAL TECH OPERATIONS INC [US]	US201213479444 20120524; US20080099393 20080408	H01M2/14	SEAL FOR PEM FUEL CELL PLATE
US2012231372 A1 20120913	HYUNDAI MOTOR CO LTD [KR]	US201213477898 20120522; KR20080069773 20080717; US20090364566 20090203	H01M8/04; B05D5/12	METALLIC BIPOLAR PLATE FOR FUEL CELL AND METHOD FOR FORMING SURFACE LAYER THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012237838 A1 20120920	SONY CORP [JP]	JP20090248755 20091029; WO2010JP68430 20101020	H01M8/22	LITHIUM AIR BATTERY
US2012237839 A1 20120920	NIPPON OIL CORP [JP]; SANYO ELECTRIC CO [JP]	US201213431651 20120327; JP20070252656 20070927; JP20070252653 20070927; JP20070252657 20070927; JP20070252654 20070927; JP20070252658 20070927; JP20080070054 20080318; JP20080070055 20080318; JP20070252655 20070927; US20080238859 20080926	H01M8/06	REFORMING APPARATUS FOR FUEL CELL
US2012237840 A1 20120920	MORITA JUNJI [JP]; KUSUMURA KOICHI [JP]; NAKAMURA AKINARI [JP]; URATA TAKAYUKI [JP]	JP20090273550 20091201; WO2010JP06980 20101130	H01M8/04; H01M8/06	POWER GENERATION SYSTEM
US2012237841 A1 20120920	REINERS KARSTEN [DE]; WENZEL SVEN [DE]	DE20111005693 20110317	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND CORRESPONDING OPERATING PROCESS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012237845 A1 20120920	SEIKO INSTR INC [JP]; SARATA TAKAFUMI [JP]; YANASE NORIMASA [JP]; OZAKI TORU [JP]; TAMACHI TSUNEAKI [JP]; YUZURIHARA KAZUTAKA [JP]; IWASAKI FUMIHARU [JP]; ISHISONE NOBORU [JP]	US201213423580 20120319; JP20060049334 20060224; US20080224282 20080822; WO2007JP52720 20070215	H01M8/04; F16K17/02	PRESSURE REGULATING VALVE, FUEL CELL SYSTEM USING SAME, AND HYDROGEN GENERATING FACILITY
US2012237846 A1 20120920	BRODMANN MICHAEL [DE]; GREDA MARTIN [DE]; MUTASCU CRISTIAN [DE]; ROTH JEFFREY [DE]	DE20091057494 20091210; WO2010EP07384 20101206	H01M8/02; C25B9/00; C25B9/08; C25B9/18; H01M4/86; H01M8/10; H01M8/24	ENERGY CONVERSION APPARATUS, IN PARTICULAR FUEL CELL STACK OR ELECTROLYZER
US2012237847 A1 20120920	HYUNDAI MOTOR CO LTD [KR]	KR20110023094 20110315	H01M8/02; H01M8/24	FUEL CELL STACK WITH IMPROVED CORROSION RESISTANCE
US2012237848 A1 20120920	MITTELSTEADT CORTNEY K [US]; LAICER CASTRO S T [US]; HARRISON KATHERINE E [US]; MCPHEETERS BRYN M [US]	US201113373512 20111116; US20100458042P 20101116	C25B9/10; C25B9/18; H01M8/10; H01M8/24	Electrochemical device comprising an electrically-conductive, selectively-permeable membrane
US2012237849 A1 20120920	NGK INSULATORS LTD [JP]	JP20110060709 20110318; JP20110282804 20111226; JP20120056217 20120313	H01M8/10; H01M4/86	SOLID OXIDE FUEL CELL
US2012237851 A1 20120920	ZHANG YONGMING [CN]; QIN SHENG [CN]; GAO ZIHONG [CN]; ZHANG HENG [CN]; WEI MAOXIANG [CN]; LI YONG [CN]; WANG JUN [CN]	WO2009CN01432 20091211	H01M8/10; B01J39/20	PERFLUORINATED ION EXCHANGE RESIN, PREPARATION METHOD AND USE THEREOF



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012237852 A1 20120920	SOH HYUN [KR]; YOON DUK-HYOUNG [KR]; KWON TAE-HO [KR]	US201113239257 20110921; US201161452850P 20110315	H01M8/04; H01M4/86	SOLID OXIDE FUEL CELL
US2012237853 A1 20120920	L LIVERMORE NAT SECURITY LLC [US]	US201213451796 20120420; WO2010US53827 20101022; US20090253890P 20091022; US20090255571P 20091028; US20090286858P 20091216	H01M14/00; H01L29/66; H01M4/86; H01M8/02	NANODEVICES FOR GENERATING POWER FROM MOLECULES AND BATTERYLESS SENSING
US2012242892 A1 20120927	CANON KK [JP]	US201213492534 20120608; JP20050221624 20050729; US20100869507 20100826; US20060459220 20060721	H04N5/225	ELECTRONIC APPARATUS AND FUEL CELL CONTROL METHOD FOR ELECTRONIC APPARATUS
US2012244434 A1 20120927	JX NIPPON MINING & METALS CORP [JP]	JP20090287556 20091218; WO2010JP71724 20101203	H01M4/64; H01M8/00	Positive Electrode For Lithium Ion Battery, Method For Producing Said Positive Electrode, And Lithium Ion Battery
US2012244447 A1 20120927	DENSO CORP [JP]	JP20110068710 20110325	H01M8/22	AIR BATTERY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012244448 A1 20120927	BLOOM ENERGY CORP [US]	US201213428653 20120323; US201161467444P 20110325	H01M8/06; B05D5/12; B32B37/10; B32B37/12; B32B37/14; C23C14/34; C23C14/35; F26B11/02; F27D1/00; H01M8/00; H05B3/00	Rapid Thermal Processing for SOFC Manufacturing
US2012244450 A1 20120927	UTC POWER CORP [US]	US201213462058 20120502; US20080096828 20080610; WO2006US00859 20060110	H01M8/04	SYSTEM AND METHOD FOR REDUCING RADIATOR SIZES FOR LOW TEMPERATURE FUEL CELL SYSTEMS
US2012244453 A1 20120927	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110027177 20110325	H01M8/10; H01M4/90	ELECTROLYTIC MEMBRANE FOR FUEL CELL, ELECTRODE FOR FUEL CELL, AND FUEL CELL INCLUDING THE ELECTROLYTIC MEMBRANE AND/OR THE ELECTRODE
US2012244454 A1 20120927	MURATA MANUFACTURING CO [JP]	JP20090125836 20090525; WO2010JP58797 20100525	F16K31/126; F16K17/28; H01M8/04	VALVE, FLUIDIC APPARATUS, AND FLUID-SUPPLYING APPARATUS
US2012244455 A1 20120927	WILSON MATTHEW P [US]; CARNEVALE CHRISTOPHER JOHN [US]; LAKE JEFFREY G [US]; HARRINGTON MICHAEL D [US]	WO2009US06451 20091208	H01M8/04	FUEL CELL FUEL RECYCLE EJECTORS DISPOSED IN FUEL MANIFOLD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012247979 A1 20121004	MASSACHUSETTS INST TECHNOLOGY [US]	US201113162911 20110617; US20100355703P 20100617	G01N27/28; G01N27/333; G01N27/403; G01N27/416; H01M8/04; H01M8/10	Method for Enhancing Current Throughput in an Electrochemical System
US2012251742 A1 20121004	MATERIAL INTERFACE INC [US]	US201213491990 20120608; US20060452779 20060614; US20050690311P 20050614	B32B1/08; B05D3/02; B05D7/14; B32B15/01; B32B15/02; B32B15/04; H01M8/02	NANOPARTICLE SURFACE TREATMENT
US2012251897 A1 20121004	EMPIRE TECHNOLOGY DEV LLC [US]	WO2010US50954 20100930	H01M8/22; B05D5/12	Aluminum Air Battery Including a Composite Anode
US2012251899 A1 20121004	GEN ELECTRIC [US]	US201113077066 20110331	H01M8/06	SOLID-OXIDE FUEL CELL HIGH- EFFICIENCY REFORM-AND-RECIRCULATE SYSTEM
US2012251900 A1 20121004	HONDA MOTOR CO LTD [JP]	JP20110080177 20110331	H01M8/06	FUEL CELL SYSTEM
US2012251901 A1 20121004	REINERS KARSTEN [DE]; WENZEL SVEN [DE]	DE20111006469 20110331	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND CORRESPONDING OPERATING PROCESS
US2012251902 A1 20121004	REINERS KARSTEN [DE]; WENZEL SVEN [DE]	DE20111006531 20110331	H01M8/06	FUEL CELL SYSTEM AND CORRESPONDING OPERATING PROCESS
US2012251903 A1 20121004	UNIV HONG KONG SCIENCE & TECHN [CN]	US201213435958 20120330; US201161457456P 20110401	H01M8/06; B05D5/12; H01M8/10	SELF-HUMIDIFYING MEMBRANE AND SELF- HUMIDIFYING FUEL CELL
US2012251904 A1 20121004	KYOCERA CORP [JP]; TOYOTA MOTOR CO LTD [JP]	JP20090284533 20091215; WO2010IB03440 20101215	H01M8/04; H01M8/06	FUEL CELL MODULE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012251905 A1 20121004	KYOCERA CORP [JP]; TOYOTA MOTOR CO LTD [JP]	WO2010IB03472 20101221; JP20090289791 20091221	H01M8/06	FUEL CELL MODULE
US2012251907 A1 20121004	COMMISSARIAT ENERGIE ATOMIQUE [FR]	FR20090005845 20091203; WO2010FR00806 20101203	H01M8/06; H01M8/04	METHOD FOR MANAGING A FUEL CELL DURING SULFUR COMPOUND POLLUTION, AND POWER SUPPLY DEVICE
US2012251909 A1 20121004	UTC POWER CORP [US]	WO2009US05297 20090924	H01M8/04	PRESSURE-BASED LIQUID LEVEL DETECTION AND CONTROL FOR A FUEL CELL STACK ASSEMBLY
US2012251910 A1 20121004	HONDA MOTOR CO LTD [JP]	JP20110078451 20110331	H01M8/04	METHOD FOR CONTROLLING FUEL CELL SYSTEM
US2012251911 A1 20121004	HONDA MOTOR CO LTD [JP]	JP20110082085 20110401	H01M8/04	METHOD FOR CONTROLLING FUEL CELL SYSTEM
US2012251912 A1 20121004	BRAUN ROBERT J [US]; KEE ROBERT J [US]; BARNETT SCOTT [US]	US201213432219 20120328; US201161468312P 20110328	H01M8/04; C25B9/00	HIGH EFFICIENCY, REVERSIBLE FLOW BATTERY SYSTEM FOR ENERGY STORAGE
US2012251913 A1 20121004	BIC SOC [FR]	US201213437176 20120402; US20060535050 20060925; US20050719603P 20050923	H01M8/22; B67D99/00; H01M8/04	METHODS AND APPARATUS FOR REFUELING REVERSIBLE HYDROGEN-STORAGE SYSTEMS
US2012251914 A1 20121004	BLOOM ENERGY CORP [US]	US201213525663 20120618; US20080149816 20080508	H01M8/04	Derivation of Control Parameters of Fuel Cell Systems for Flexible Fuel Operation
US2012251915 A1 20121004	MEI WU [JP]; FUKAZAWA TAISHI [JP]; AKASAKA YOSHIHIRO [JP]	JP20110069148 20110328	H01M8/10; H01M4/92	CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND ELECTROCHEMICAL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012251916 A1 20121004	YOUNG GREEN ENERGY CO [TW]	CN2011186643 20110401	H01M8/10	FUEL CELL UNIT
US2012251917 A1 20121004	KOREA INST SCI & TECH [KR]	KR20110030841 20110404	H01M8/10; B05D5/12	SOLID OXIDE FUEL CELL COMPRISING NANOSTRUCTURE COMPOSITE CATHODE AND FABRICATION METHOD THEREOF
US2012251918 A1 20121004	PANASONIC CORP [JP]	WO2010JP04571 20100714; JP20090174508 20090727	H01M2/18; H01M8/04; H01M8/10	POLYMER FUEL CELL STACK AND POLYMER FUEL CELL SEPARATOR PAIR
US2012251920 A1 20121004	SAMSUNG ELECTRONICS CO LTD [KR]	US201213464517 20120504; KR20070112750 20071106; KR20080099549 20081010; US20080266039 20081106	H01M8/10; C07D413/04; C07D498/04; C08G73/06; H01M4/92	BENZOXAZINE-BASED MONOMER, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE POLYMER, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE POLYMER, AND FUEL CELL USING THE ELECTRODE
US2012251921 A1 20121004	SAMSUNG ELECTRONICS CO LTD [KR]	US201213523516 20120614; KR20070111586 20071102; KR20080099352 20081009; US20080263011 20081031	H01M8/10; C07F9/6574; C08G79/04; C08L85/02; H01M4/90; H01M4/92	PHOSPHORUS CONTAINING BENZOXAZINE-BASED MONOMER, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE POLYMER, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE POLYMER, AND FUEL CELL USING THE ELECTRODE
US2012251922 A1 20121004	WATT FUEL CELL CORP [US]	US201113073070 20110328	H01M8/10; B29B7/02; B29C44/38; H01M4/86	ELECTRODE FOR A SOLID OXIDE FUEL CELL AND METHOD FOR ITS MANUFACTURE
US2012257321 A1 20121011	HON HAI PREC IND CO LTD [TW]	TW20110112105 20110407	H01G4/002	STACKABLE CAPACITOR STRUCTURE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012258345 A1 20121011	ZAFFOU RACHID [US]; PERRY MICHAEL L [US]; PANDY ARUN [US]; BURLATSKY SERGEI F [US]; ATRAZHEV VADIM [RU]	US201113084156 20110411	H01M8/18	FLOW BATTERY HAVING ELECTRODES WITH A PLURALITY OF DIFFERENT PORE SIZES AND OR DIFFERENT LAYERS
US2012258373 A1 20121011	OMEGA ENERGY SYSTEMS LLC [US]	US201213412932 20120306; US201161464728P 20110308; US201161517897P 20110427	H01M8/22	ATMOSPHERIC SELF-CHARGING BATTERY
US2012258374 A1 20121011	UNIV WESTERN AUSTRALIA [AU]	AU20090904346 20090910; WO2010AU01168 20100909; AU20100900607 20100215	C01B31/04; H01M8/06	Process for Producing Hydrogen from Hydrocarbons
US2012258375 A1 20121011	HONDA MOTOR CO LTD [JP]	JP20110086128 20110408	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD FOR STOPPING POWER GENERATION IN FUEL CELL SYSTEM
US2012258379 A1 20121011	HONDA MOTOR CO LTD [JP]	JP20110085540 20110407	H01M8/24; B32B37/12; B32B38/18; H01M2/08; H01M8/04; H01M8/10	FUEL CELL AND APPARATUS FOR PRODUCING FUEL CELL
US2012258380 A1 20121011	TAKEGUCHI SHINSUKE [JP]; OKANISHI TAKEOU [JP]; TSUJI YOICHIRO [JP]	JP20100024372 20100205; WO2011JP00567 20110202	H01M8/04; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
US2012258385 A1 20121011	HU LEI [KR]; CHO HYE-JUNG [KR]; KIM YOUNG-JAE [KR]; NA YOUNG-SEUNG [KR]	KR20110033374 20110411	G01F23/26; G06F19/00; H01M8/04	METHOD AND APPARATUS FOR MEASURING VOLUME OF LIQUID AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012264024 A1 20121018	PELTON WALTER E [US]	US201213480471 20120525; US201113006031 20110113; US20060489274 20060718; US201113169637 20110627; US20060539820 20061009; US20040822314 20040412; US20000560221 20000428; US20050700954P 20050719; US19990131656P 19990429; US19990131661P 19990429; US1999013	H01M4/86; H01M8/04; H01M8/16	Methods and apparatuses for electrochemical cell system with movable medium and non-conducting substrate
US2012264025 A1 20121018	TOYOTA MOTOR CO LTD [JP]	WO2009JP70609 20091209	H01M10/02; H01M8/22	BATTERY
US2012264027 A1 20121018	HITACHI LTD [JP]	JP20110091763 20110418	H01M8/06	FUEL-CELL BIPOLAR PLATE AND FUEL CELL USING THE SAME
US2012264029 A1 20121018	HITACHI LTD [JP]	JP20110089712 20110414	H01M8/04; H01M8/24	FUEL CELL SYSTEM
US2012264030 A1 20121018	BASF SE [DE]	US201213444235 20120411; US201161475239P 20110414	H01M8/10; C08K3/32; C08L79/04; H01M8/24	MEMBRANE ELECTRODE ASSEMBLIES AND FUEL CELLS WITH LONG LIFETIME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012264032 A1 20121018	TOYOTA MOTOR CO LTD [JP]	WO2010JP06961 20101130	H01M8/24; H01M8/02	METHOD OF MANUFACTURING FUEL CELL, FUEL CELL MANUFACTURING DEVICE, AND FUEL CELL
US2012264035 A1 20121018	NGK INSULATORS LTD [JP]	JP20100015716 20100127; WO2011JP50721 20110118	H01M8/10	FUEL CELL
US2012264036 A1 20121018	BIC SOC [FR]	US201213361808 20120130; US20080053366 20080321; US20070919472P 20070321	H01M8/04	FLUID MANIFOLD AND METHOD THEREFOR
US2012264649 A1 20121018	UNIV CALIFORNIA [US]	US201113158296 20110610; US20100353618P 20100610	H01M8/16; C12N1/10; C12N1/12; C12N1/16; C12N1/18; C12N1/20; C40B40/04; C40B50/00; G01N21/64	AGENTS FOR ENHANCED CHARGE TRANSPORT ACROSS MICROBIAL MEMBRANES
US2012266863 A1 20121025	SAXENA SURENDRA [US]; TAO YONG X [US]	US201113090253 20110420	F24J2/00; C01B3/04; C01B6/04; F03G6/00; F28F7/00; H01M8/06	Solar-Hydrogen Hybrid Storage System for Naval and Other Uses



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012269981 A1 20121025	INER AEC EXECUTIVE YUAN [TW]	US201213540764 20120703; TW20080139656 20081016; US20090483765 20090612	H01M8/10	SOLID OXIDE FUEL CELL AND MANUFACTURING METHOD THEREOF
US2012270115 A1 20121025	EXCELLATRON SOLID STATE LLC [US]	US201113247705 20110928; US20070942363 20071119; US20050059942 20050217; US20100759681 20100413; US20040546683P 20040220; US20090212568P 20090413	H01M8/10; B32B37/02; B32B37/14; H01M4/96; H01M6/18; H01M8/02	Lithium Oxygen Batteries Having a Carbon Cloth Current Collector and Method of Producing Same
US2012270116 A1 20121025	SAMSUNG ELECTRO MECH [KR]	KR20110036963 20110420	H01M12/06; H01M8/00	METAL AIR BATTERY AND METHOD FOR PREPARING THE SAME
US2012270118 A1 20121025	GM GLOBAL TECH OPERATIONS INC [US]	US201213544589 20120709; US20090397851 20090304	H01M8/04	ANODE WATER SEPARATOR FOR A FUEL CELL SYSTEM
US2012270121 A1 20121025	PANASONIC CORP [JP]	WO2011JP04371 20110802; JP20100174060 20100803	B01J19/00; H01M8/04; H01M8/06	HYDROGEN GENERATION DEVICE AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012270125 A1 20121025	BIC SOC [FR]	US201213528378 20120620; US201113020512 20110203; US20100686136 20100112; US20030725237 20031201	H01M8/04; H01M8/10; H01M8/12	Fuel Cell Supply Including Information Storage Device and Control System
US2012270128 A1 20121025	BRITISH COLUMBIA HYDRO AND POWER AUTHORITY [CA]	US201213534301 20120627; CA20042482486 20040924; US20070661892 20070301; WO2005CA01454 20050923	H01M8/04	FUEL CELL POWER GENERATION SYSTEM
US2012270129 A1 20121025	PRESTONE PRODUCTS CORP [US]	US201213434358 20120329; US20090500036 20090709; US20050222024 20050908; US20040607898P 20040908; US20080080033P 20080711	C09K5/10; F28D15/00; H01L31/024; H01L31/052; H01M8/04; H01M10/50	HEAT TRANSFER SYSTEM, FLUID, AND METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012270132 A1 20121025	BIC SOC [FR]	US201213535880 20120628; US20090637422 20091214; US20050047560 20050202; US20040567648P 20040504; US20040608879P 20040913	H01M8/24; B05D5/12; C25B9/10; H01B1/12; H01M4/86; H01M8/00; H01M8/02; H01M8/04; H01M8/10	ELECTROCHEMICAL CELLS HAVING CURRENT-CARRYING STRUCTURES UNDERLYING ELECTROCHEMICAL REACTION LAYERS
US2012270133 A1 20121025	LEE JIN-HWA [KR]; KIM HEE-TAK [KR]; KIM TAE-YOON [KR]; CHAI GEUN-SEOK [KR]; CHO SUNG-YONG [KR]	KR20110038512 20110425	H01M8/10; H01M8/24	FUEL CELL STACK
US2012270135 A1 20121025	SHOWA DENKO KK [JP]	US201113091648 20110421	H01M4/90; B01J31/12; H01B1/02; H01M8/10	CATALYST, METHOD FOR PRODUCING THE SAME, AND USE THEREOF
US2012270141 A1 20121025	MAX PLANCK GESELLSCHAFT [DE]; SUMITOMO CHEMICAL CO [JP]	JP20090251005 20091030; JP20100133114 20100610; WO2010JP69769 20101029	C07D487/14; B01J31/02; B01J31/06; B01J31/12; C07D471/04; C07D471/22; C07D487/22; C07F7/10; C07F13/00; C07F15/02; C07F15/06; H01M8/10	NITROGEN-CONTAINING AROMATIC COMPOUNDS AND METAL COMPLEXES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012274273 A1 20121101	CYMBET CORP [US]	US201213545735 20120710; US201113013804 20110125; US20080196265 20080821; US20010815884 20010323; US20000225134P 20000814; US20000191774P 20000324; US20000238673P 20001006	H05K1/18; A61N1/378; B05C11/00; B05D5/12; C23C14/00; C23C14/06; C23C14/08; C23C16/00; C23C16/04; H01G9/00; H01G9/02; H01G9/025; H01G9/038; H01G9/155; H01L21/00; H01L21/302; H01L21/461; H01L23/58; H01L31/00; H01L31/072; H01L31/18; H01M2/00; H01M2/10; H01M4	INTEGRATED-CIRCUIT BATTERY DEVICES
US2012276418 A1 20121101	GUANGDONG INST OF ECOENVIRONMENTAL AND SOIL SCIENCES [CN]	CN2009141236 20090717; WO2010CN75216 20100716	H01M8/16	METHODS AND DEVICES FOR IN-SITU TREATMENT OF SEDIMENT SIMULTANEOUS WITH MICROBIAL ELECTRICITY GENERATION

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012276457 A1 20121101	TOYOTA MOTOR CO LTD [JP]	WO2010JP50808 20100122	H01M10/056; H01M8/22	NEGATIVE ELECTRODE STRUCTURE FOR AQUEOUS ELECTROLYTE BATTERIES AND AQUEOUS ELECTROLYTE BATTERY COMPRISING THE NEGATIVE ELECTRODE STRUCTURE
US2012276459 A1 20121101	NAT UNIVERSITY CORP MIE UNIVERSITY [JP]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20110040974 20110429	H01M4/64; B05D5/12; H01M8/22	NEGATIVE ELECTRODE FOR LITHIUM SECONDARY BATTERY, METHOD OF MANUFACTURING THE SAME, AND LITHIUM SECONDARY BATTERY EMPLOYING THE SAME
US2012276463 A1 20121101	GRANNELL SHAWN [US]; GILLESPIE DONALD E [US]	US201213537125 20120629; US201213370910 20120210; US201113117532 20110527; US20100348898P 20100527; US20100419490P 20101203	B01J19/00; H01M8/06	AMMONIA FLAME CRACKER SYSTEM, METHOD AND APPARATUS
US2012276466 A1 20121101	GM GLOBAL TECH OPERATIONS INC [US]	US201113094300 20110426	H01M8/04	IN-VEHICLE ALGORITHM FOR FUEL CELL STACK HEALTH QUANTIFICATION
US2012276470 A1 20121101	BATTELLE MEMORIAL INSTITUTE [US]	US201213404467 20120224; US20070667781 20071203; WO2005US41571	H01M8/10	SOLUTION BASED ENHANCEMENTS OF FUEL CELL COMPONENTS AND OTHER ELECTROCHEMICAL SYSTEMS AND DEVICES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012276471 A1 20121101	3M INNOVATIVE PROPERTIES CO [US]	US201213529706 20120621; US201113269907 20111010; US20090429371 20090424; US20080047643P 20080424	B01J39/20; C07F9/38; C08F214/26; H01M8/10	PROTON CONDUCTING MATERIALS
US2012282532 A1 20121108	KOREA INST SCI & TECH [KR]	KR20110042894 20110506	H01M8/10; C08J5/22; H01G9/028; H01M8/00; H01M10/056	BLOCK COPOLYMER ELECTROLYTE COMPOSITE MEMBRANES AND METHODS OF PRODUCING THE SAME
US2012282534 A1 20121108	BRAUN ROBERT J [US]; KEE ROBERT J [US]; BARNETT SCOTT [US]	US201213554468 20120720; US201213432219 20120328; US201161468312P 20110328	H01M8/06; C25B9/00; C25B15/00; H01M8/04	HIGH EFFICIENCY, REVERSIBLE FLOW BATTERY SYSTEM FOR ENERGY STORAGE
US2012282535 A1 20121108	FABIAN TIBOR [US]; BRAITHWAITE DANIEL [US]	US201113286052 20111031; US20100408546P 20101029	H01M8/04; H01M8/06	FUEL CELL CHARGING SYSTEM AND METHOD OF USE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012282536 A1 20121108	NISSAN MOTOR [JP]	US201213554426 20120720; JP20030279731 20030725; JP20030324491 20030917; US20050556898 20051115; WO2004JP10079 20040708	H01M8/04; H01M8/24	DEVICE AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
US2012282537 A1 20121108	NISSAN MOTOR [JP]	US201213551573 20120717; JP20040101373 20040330; US201113166544 20110622; US20050594385 20050217; WO2005JP02952 20050217	H01M8/04; H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/10	FUEL CELL
US2012282538 A1 20121108	NISSAN MOTOR [JP]	US201213547803 20120712; JP20060093522 20060330; US20070689033 20070321	H01M8/24; H01M8/00; H01M8/10	FUEL CELL STACK STRUCTURE AND FUEL CELL STACK STRUCTURE MANUFACTURING METHOD
US2012282541 A1 20121108	ZHANG YONGMING [CN]; ZHANG HENG [CN]; QIN SHENG [CN]; GAO ZIHONG [CN]; WANG LI [CN]; LI YONG [CN]; SONG XUEZHANG [CN]	WO2009CN01457 20091215	H01M8/10; B01J47/00; C08F214/26; C25B13/08	HIGH EXCHANGE CAPACITY PERFLUORINATED ION EXCHANGE RESIN, PREPARATION METHOD AND USE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012282542 A1 20121108	KRUTH ANGELA [GB]; TODD MALCOLM JOHN [GB]; MACPHEE DONAL ELLIOT [GB]; WELLS RICHARD PETER KERWIN [GB]	GB20090018547 20091022; WO2010GB51783 20101022	H01M4/90; H01M4/92; H01M8/04	FUEL CELL
US2012285162 A1 20121115	KOREA MACH & MATERIALS INST [KR]	KR20110044258 20110511; KR20110098313 20110928	F02B43/10; F02B29/04; F02B33/40; H01M8/10	FUEL CELL-ENGINE HYBRID SYSTEM
US2012288773 A1 20121115	DAIMLER AG [DE]	US201213556299 20120724; US20090438096 20090219; WO2006EP08904 20060913	H01M8/06	Apparatus for Humidifying a Gas Flow
US2012288774 A1 20121115	AMMINEX AS [DK]	US201213479402 20120524; WO2008EP02386 20080326; US20090557895 20090911; EP20070006706 20070330	B01J19/00; B01D53/56; C01C1/02; H01M8/06	SYSTEM FOR STORING AMMONIA IN AND RELEASING AMMONIA FROM A STORAGE MATERIAL AND METHOD FOR STORING AND RELEASING AMMONIA
US2012288779 A1 20121115	DEVOE ALAN [US]; DEVOE LAMBERT [US]	US201213556822 20120724; US20080267439 20081107; US20070986368P 20071108	H01M8/24; H01M8/04; H01M8/10	FUEL CELL DEVICE AND SYSTEM
US2012288783 A1 20121115	PANASONIC CORP [JP]	JP20100066282 20100323; WO2011JP01289 20110304	H01M4/88; H01M8/02; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY WITH INTEGRATED FRAME AND FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012295137 A1 20121122	UNIV OHIO STATE [US]	US201213474341 20120517; US201161487431P 20110518	B01J31/26; C07F9/50; H01M2/00; H01M4/90; H01M8/10	CATALYSTS FOR USE IN ELECTROCHEMICAL APPLICATIONS AND ELECTRODES AND DEVICES USING SAME
US2012295170 A1 20121122	NAKAMURA AKINARI [JP]; OZEKI MASATAKA [JP]; OHARA HIDEO [JP]; TANAKA YOSHIKAZU [JP]	WO2006JP301488 20060130; US20070883308 20070730; JP20050045042 20050222; JP20050024163 20050131; US201213564512 20120801	H01M8/06	FUEL CELL POWER GENERATION SYSTEM WITH VALVE ON RAW MATERIAL GAS SUPPLY PASSAGE AND VALVE DOWNSTREAM OF CARBON MONOXIDE DECREASING UNIT, AND METHOD FOR OPERATING FUEL CELL POWER GENERATION SYSTEM
US2012295171 A1 20121122	KONICA MINOLTA HOLDINGS INC [JP]	JP20100012201 20100122; WO2010JP72947 20101221	H01M8/18	Fuel Cell System
US2012295173 A1 20121122	PANASONIC CORP [JP]	US201213562437 20120731; JP20070314330 20071205; JP20080164096 20080624; JP20080262538 20081009; US20100746414 20100604; WO2008JP03581 20081203	H01M8/06	FUEL CELL POWER GENERATION SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012295178 A1 20121122	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201113108075 20110516	H01M8/04; H01M8/24	FLOW FIELD PLATE FOR REDUCED PRESSURE DROP IN COOLANT
US2012295179 A1 20121122	SAMSUNG SDI CO LTD [KR]	US201213492712 20120608; US20060585346 20061019; KR20050098952 20051020; KR20050098953 20051020; KR20050098954 20051020; KR20050099279 20051020; KR20050099280 20051020; KR20050099281 20051020	H01M8/24	SEMI-PASSIVE TYPE FUEL CELL SYSTEM
US2012295181 A1 20121122	SAMSUNG ELECTRONICS CO LTD [KR]	US201213560321 20120727; KR20070092146 20070911; US20080208664 20080911	H01M4/60; C07D498/04; C08G73/06; H01M4/86; H01M4/92; H01M8/10	BENZOXAZINE-BASED MONOMER, POLYMER THEREOF, ELECTRODE FOR FUEL CELL INCLUDING THE SAME, ELECTROLYTE MEMBRANE FOR FUEL CELL INCLUDING THE SAME, AND FUEL CELL USING THE SAME
US2012295183 A1 20121122	YAMANIS JEAN [US]; FRAME DUSTIN [US]; CHEN LEI [US]; SUN ELLEN Y [US]	WO2010US23448 20100208	H01M8/02; B32B37/06	METHOD AND DEVICE USING A CERAMIC BOND MATERIAL FOR BONDING METALLIC INTERCONNECT TO CERAMIC ELECTRODE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012299550 A1 20121129	PENN STATE RES FOUND [US]; TECHNIO RES & DEV FOUNDATION LTD [IL]	US201013510940 20100211; US20090262561P 20091119; WO2010IL00125 20100211	H01M8/22; H02J7/00; H05K7/00	SILICON-AIR BATTERIES
US2012301606 A1 20121129	UMICORE AG & CO KG [DE]	US201213569178 20120807; DE2000137071 20000729; US201113309677 20111202; US20060405913 20060417; US20010910959 20010724	B82B1/00; H01M4/88; B01J13/00; B01J23/42; B01J23/46; B01J23/652; B01J35/00; B01J35/02; B22F1/00; B22F5/00; C09C1/62; C09C3/10; H01M4/90; H01M4/92; H01M8/10	NOBLE METAL NANOPARTICLES, A PROCESS FOR PREPARING THESE AND THEIR USE
US2012301798 A1 20121129	HONDA MOTOR CO LTD [JP]	JP20110118230 20110526; JP20120091520 20120413	H01M8/10; H01M8/04; H01M8/06	FUEL CELL SYSTEM
US2012301799 A1 20121129	MARKOSKI LARRY J [US]; NATARAJAN DILIP [US]	US201113334929 20111222; US201161430035P 20110105	H01M8/06; H01M8/04; H01M8/22	METHOD AND APPARATUS FOR ENHANCING POWER DENSITY OF DIRECT LIQUID FUEL CELLS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012301800 A1 20121129	CAREW BAYNE [US]	US201213536527 20120628; US20080208869 20080911; US20070942525 20071119; US20060531986 20060914; US20040863798 20040608; US20010931510 20010816; US201161502549P 20110629; US20070986667P 20071109; US20000225895P 20000817	B01D33/27; B01D33/073; B01D33/35; B01D33/76; B01J19/18; H01M8/06	FILTER APPARATUS
US2012301801 A1 20121129	WEIN ALEX [US]	US201213419979 20120314; US201161490328P 20110526	H01M8/18; C25B1/46; C25B9/00; C25B9/08	SYSTEMS AND METHODS FOR CONVERTING RECEIVED STORED ENERGY
US2012301802 A1 20121129	CHEN WEN-LO [TW]	US201113113096 20110523	H01M8/06; C25B15/08; F02B43/00	FUEL PROVISION SYSTEM
US2012301804 A1 20121129	HONDA MOTOR CO LTD [JP]	JP20110117146 20110525	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
US2012301805 A1 20121129	GM GLOBAL TECH OPERATIONS INC [US]	US201213567187 20120806; US20080341062 20081222	H01M8/04	FUEL CELL FABRICATION USING PHOTOPOLYMER BASED PROCESSES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012301813 A1 20121129	ASAHI GLASS CO LTD [JP]	US201213563802 20120801; JP20000395511 20001226; US201113214273 20110822; US20070671665 20070206; US20010025763 20011226	H01M8/10; B01D71/32; B01D71/44; B01D71/72; C08F216/14; C08F228/02; C08J5/22; C08L65/00; H01B1/12; H01M6/18	SOLID POLYMER ELECTROLYTE MATERIAL, LIQUID COMPOSITION, SOLID POLYMER FUEL CELL AND FLUOROPOLYMER
US2012302149 A1 20121129	FORD GLOBAL TECH LLC [US]	US201213530735 20120622; US20050906671 20050301; US20040521995P 20040730	B60H1/24; B60H1/00; H01M6/50; H01M8/04; H01M10/50	ENVIRONMENTAL CONTROL SYSTEM AND METHOD FOR A BATTERY IN A VEHICLE
US2012305395 A1 20121206	ABBOTT DIABETES CARE INC	US201213476625 20120521; US20050296183 20051206; US20020146577 20020514; US20010291361P 20010516; US20020377886P 20020502	G01N27/327; C12Q1/26; F01B1/12; F01L9/04; F02B75/20; G01N27/49; G01N33/49; G01N33/72; H01M8/16	Device for the Determination of Glycated Hemoglobin
US2012306445 A1 20121206	UNIV KOOKMIN IND ACAD COOP [KR]	KR20110052913 20110601	H02J7/00; H01M8/00	BATTERY EXCHANGING METHOD FOR ELECTRIC VEHICLE
US2012308902 A1 20121206	TOYOTA MOTOR CO LTD [JP]	WO2009JP71176 20091218	H01M8/22	AIR ELECTRODE FOR AIR BATTERY AND AIR BATTERY COMPRISING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012308903 A1 20121206	MASEL RICHARD I [US]	US201113174365 20110630; WO2011US30098 20110325; US201161484072P 20110509	H01M8/06; B01J31/02; C07C211/63; C07C215/40; C07F5/02; C25B15/00; G01N27/26; H01M8/04	Novel Catalyst Mixtures
US2012308912 A1 20121206	HONG SUK-GI [KR]; PARK JUNGOCK [KR]; PAIK UN-GYU [KR]; KIL KI-CHUN [KR]; SEO JI-HOON [KR]	KR20110053367 20110602	B01J35/12; B01J21/18; B01J23/89; B01J31/28; H01M4/86; H01M8/10	CATALYST SLURRY, ELECTRODE PREPARED BY USING THE CATALYST SLURRY, AND FUEL CELL INCLUDING THE ELECTRODE
US2012308914 A1 20121206	LOS ALAMOS NAT SECURITY LLC [US]	US201213528457 20120620; US20050113678 20050422	H01M8/10	ADVANCED MEMBRANE ELECTRODE ASSEMBLIES FOR FUEL CELLS
US2012308915 A1 20121206	SAMSUNG ELECTRO MECH [KR]; SAMSUNG ELECTRONICS CO LTD [KR]	KR20110052398 20110531; KR20110098613 20110928	H01B1/08; H01M8/10	CATHODE MATERIAL FOR FUEL CELL, CATHODE INCLUDING THE CATHODE MATERIAL, SOLID OXIDE FUEL CELL INCLUDING THE CATHODE
US2012312004 A1 20121213	RUEDLINGER MIKAEL [CH]	EP20100151481 20100122; EP20100154449 20100223; WO2011EP50788 20110120; EP20100151473 20100122	F16D31/02; H01M8/02; H01M8/06	EMISSION-FREE DEVICES AND METHOD FOR PERFORMING MECHANICAL WORK AND FOR GENERATING ELECTRICAL AND THERMAL ENERGY

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012312695 A1 20121213	UNIV OHIO [US]	US20090266794P 20091204; WO2010US58909 20101203; US201013513035 20101203	H01M4/86; C25B9/00; C25B9/08; C25B11/06; C25B13/04; H01M4/90; H01M4/92; H01M8/10	COMPOSITE MEMBRANE FOR POLYMER ELECTROLYTE MEMBRANE FUEL CELL
US2012315506 A1 20121213	KWANGJU INST SCI & TECH [KR]	KR20110056068 20110610	H01M8/16	MODULE SYSTEM FOR MICROBIAL FUEL CELL
US2012315552 A1 20121213	CFD RES CORP INC	US201113155752 20110608	H01M8/16; C25B11/04; G01N27/327; H01M4/60	Electrically Conductive Ink and Uses Thereof
US2012315553 A1 20121213	TOYOTA MOTOR CO LTD [JP]	WO2010JP52647 20100222	H01M10/056; H01M8/22	NON-AQUEOUS LIQUID ELECTROLYTE SECONDARY BATTERY AND NON- AQUEOUS LIQUID ELECTROLYTE FOR NON-AQUEOUS LIQUID ELECTROLYTE SECONDARY BATTERY
US2012315555 A1 20121213	BLOOM ENERGY CORP [US]	US201213591934 20120822; US20060522976 20060919	H01M8/06	High Temperature Fuel Cell System for Operation with Low Purity Ethanol
US2012315556 A1 20121213	DARLING ROBERT M [US]	WO2010US00618 20100301	H01M8/06; H01M8/10; H01M8/24	FUEL CELL REACTANT INLET HUMIDIFICATION
US2012315557 A1 20121213	FORD MOTOR CO [US]	US201213556098 20120723; US20070780101 20070719	H01M8/06	OXYGEN REMOVAL SYSTEMS DURING FUEL CELL SHUTDOWN

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012315558 A1 20121213	UTC POWER CORP [US]	US201213592937 20120823; US20090386953 20090424; US20070978270 20071029; US20050284867 20051122; US20030635779 20030806	H01M8/04; H01M8/06	HYDROGEN PASSIVATION SHUT DOWN SYSTEM FOR A FUEL CELL POWER PLANT
US2012315560 A1 20121213	AISIN SEIKI [JP]; TOYOTA MOTOR CO LTD [JP]	JP20100044708 20100301; WO2011JP51820 20110128	H01M8/04	FUEL CELL SYSTEM, FUEL CELL CONTROL METHOD, AND FUEL CELL DETERMINATION METHOD
US2012315562 A1 20121213	PARK SOO YOUNG [KR]	KR20110055279 20110608	H01M8/04; F24D3/18; F25B27/02	COMPLEX POWER GENERATION SYSTEM AND METHOD FOR SUPPLYING HEATED WATER THEREOF
US2012315565 A1 20121213	BLOOM ENERGY CORP [US]	US201213591820 20120822; US201113339860 20111229; US20080010884 20080130; US20070887398P 20070131	H01M8/04; H01M8/24	Fuel Cell Stack Components
US2012315569 A1 20121213	MURATA MACHINERY LTD [JP]	JP20110130626 20110610	H01M8/04; B65H81/00	Filament Winding Method and Apparatus, and Tank
US2012321916 A1 20121220	PRATT & WHITNEY ROCKETDYNE INC [US]	US201113164059 20110620	H01M16/00; G01N27/403; G01N27/407; G05F5/00; H01M8/20	SYSTEM AND METHOD FOR SENSING AND MITIGATING HYDROGEN EVOLUTION WITHIN A FLOW BATTERY SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012321918 A1 20121220	BIC SOC [FR]	US201213527271 20120619; US20070621533 20070109; US20060757750P 20060109	H01M8/04; H01M8/00; H01M16/00	PORTABLE FUEL CELL SYSTEMS AND METHODS THEREFOR
US2012321966 A1 20121220	DOW GLOBAL TECHNOLOGIES LLC [US]	US201113581674 20110318; US20100315541P 20100319; WO2011US28961 20110318	H01M8/16	Electrolyte Enhanced Microbial Fuel Cell
US2012321968 A1 20121220	SUMITOMO CHEMICAL CO [JP]	JP20100008118 20100118; WO2011JP50553 20110114	H01M8/02; H01M8/10; H01M8/22; H01M8/24	AIR BATTERY AND AIR BATTERY STACK
US2012321969 A1 20121220	FLUIDIC INC [US]	US201213526432 20120618; US201161498308P 20110617	H01M8/22	SYNTHESIS OF HETERO COMPOUNDS USING DIALKYL CARBONATE QUATERNATION
US2012321970 A1 20121220	FLUIDIC INC [US]	US201213526342 20120618; US201161498308P 20110617; US201161568875P 20111209	H01M10/0565; B01J39/18; B01J39/20; H01M8/02; H01M8/10; H01M10/056	METAL-AIR CELL WITH ION EXCHANGE MATERIAL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012321972 A1 20121220	MATCHAM JEREMY STEPHEN [GB]; GRANGE NATHAN [GB]; BENSON PAUL ALAN [GB]; BAIRD SCOTT [GB]; KELLS ASHEY [GB]; COLE JONATHAN [GB]; ADCOCK PAUL L [GB]; HOOD PETER DAVID [GB]; POSTER SIMON EDWARD [GB]	US201213596456 20120828; GB20030030272 20031231; US20070584780 20070928; WO2004GB05463 20041231	B62M1/36; H01M8/06; H01M8/04; H01M8/10; H01M8/24	WATER MANAGEMENT IN FUEL CELLS
US2012321973 A1 20121220	CELLERA INC [IL]	US201213598035 20120829; US201113020614 20110203; US20090477669 20090603; US20080058607P 20080604; US20080204067P 20081231	H01M8/06	Alkaline Membrane Fuel Cells and Apparatus and Methods for Supplying Water Thereto
US2012321975 A1 20121220	BLOOM ENERGY CORP [US]	US201213590625 20120821; US201113286749 20111101; US20090458341 20090708; US20040866238 20040614; US20030446704 20030529; US20030653240 20030903; US20030461190P 20030409	H01M8/04; H01M8/00	Method of Optimizing Operating Efficiency of Fuel Cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012321985 A1 20121220	HONDA MOTOR CO LTD [JP]	US201213591869 20120822; JP20080155540 20080613; US20090483864 20090612	H01M8/24	FUEL CELL STACK
US2012321986 A1 20121220	3M INNOVATIVE PROPERTIES CO [US]	US201213599480 20120830; US20100756286 20100408; US20070676586 20070220; US20030446485 20030528	H01M2/08; H01M8/00; H01M8/02; H01M8/10; H01M8/24	ROLL-GOOD FUEL CELL FABRICATION PROCESSES, EQUIPMENT, AND ARTICLES PRODUCED FROM SAME
US2012321989 A1 20121220	ASAHI GLASS CO LTD [JP]	JP20100064373 20100319; WO2011JP55413 20110308	H01M8/10; H01M4/88	MEMBRANE/ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL AND PROCESS FOR PRODUCING CATHODE FOR POLYMER ELECTROLYTE FUEL CELL
US2012321990 A1 20121220	XFC INC [KR]; SNU R&DB FOUNDATION [KR]	KR20110059799 20110620	H01M8/10	ELECTROLYTE MEMBRANE FOR SOLID OXIDE FUEL CELLS, METHOD FOR MANUFACTURING THE SAME, AND FUEL CELL USING THE SAME
US2012321992 A1 20121220	SAMSUNG ELECTRONICS CO LTD [KR]	KR20110057974 20110615	H01M8/10; H01M8/02	COMPOSITE ELECTROLYTE MEMBRANE FOR FUEL CELL, METHOD OF MANUFACTURING THE MEMBRANE, AND FUEL CELL INCLUDING THE MEMBRANE
US2012321993 A1 20121220	JAPAN ATOMIC ENERGY AGENCY [JP]; NITTO DENKO CORP [JP]	JP20100255907 20101116; WO2011JP06371 20111116	B29C39/00; C25B9/00; H01M8/10	PROTON CONDUCTIVE POLYMER ELECTROLYTE MEMBRANE HAVING EXCELLENT OXIDATION RESISTANCE, AND PROCESS FOR PRODUCING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012324721 A1 20121227	KOREA ELECTRONICS TELECOMM [KR]	US201213607645 20120907; KR20090076886 20090819; KR20090098147 20091015; US20100708807 20100219	H01M6/00	VACUUM-SEALING-TYPE FLEXIBLE-FILM PRIMARY BATTERY AND METHOD OF MANUFACTURING THE SAME
US2012328911 A1 20121227	JD HOLDING INC [KY]	US201213605771 20120906; US20050032280 20050110; US20040536662P 20040115; US20040541534P 20040203	H01M2/38; G05F1/00; H01M8/04; H01M8/18; H01M10/42; H01M10/50	SYSTEM AND METHOD FOR OPTIMIZING EFFICIENCY AND POWER OUTPUT FROM A VANADIUM REDOX BATTERY ENERGY STORAGE SYSTEM
US2012328927 A1 20121227	GM GLOBAL TECH OPERATIONS INC [US]	US201113168418 20110624	H01M8/20; H01M10/04	ELECTROCHEMICAL DEVICES AND RECHARGEABLE LITHIUM ION BATTERIES
US2012328962 A1 20121227	SEMICONDUCTOR ENERGY LAB [JP]	JP20110140253 20110624; JP20110140429 20110624	H01M4/64; H01M4/04; H01M4/66; H01M8/22	POWER STORAGE DEVICE, ELECTRODE THEREOF, AND METHOD FOR MANUFACTURING POWER STORAGE DEVICE
US2012328963 A1 20121227	SUMITOMO CHEMICAL CO [JP]	JP20100040916 20100225; WO2011JP53556 20110218	H01M4/86; C22C21/06; C22C21/08; H01M4/90; H01M8/22	NEGATIVE ELECTRODE AND ALUMINUM AIR CELL
US2012328964 A1 20121227	URATA TAKAYUKI [JP]; NAKAMURA AKINARI [JP]; YASUDA SHIGEKI [JP]	JP20100047450 20100304; WO2011JP01224 20110302	H01M8/06	FUEL CELL SYSTEM AND METHOD OF OPERATING THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US2012328967 A1 20121227	FORD MOTOR CO [US]; DAIMLER AG [DE]	US201113165049 20110621	H01M8/04; H01M8/10; H01M8/24	FUEL CELL WITH SELECTIVELY CONDUCTING ANODE COMPONENT
US2012328968 A1 20121227	HONDA MOTOR CO LTD [JP]	JP20110138313 20110622	H01M8/04	FUEL CELL SYSTEM
US2012328969 A1 20121227	WATT FUEL CELL CORP [US]	US201113168280 20110624	H01M8/04; F04D25/16; H01M8/24	CENTRIFUGAL BLOWER SYSTEM AND FUEL CELL INCORPORATING SAME
US8227122 B1 20120724	DAIMLER AG [DE]	US201213437094 20120402; DE20071054826 20071116; US20080743158 20081107; WO2008EP09402 20081107	H01M8/04	FUEL CELL SYSTEM AND METHOD OF OPERATING A FUEL CELL SYSTEM
US8232761 B1 20120731	US NAVY [US]	US20090587323 20090930	H01M10/44	Power conditioner for microbial fuel cells
US8236196 B1 20120807	MICROBES UNLTD LLC [US]	US20090408400 20090320; US20080038584P 20080321	C01B3/02; B01J20/14; B01J20/34; H01M8/06	Systems and methods for facilitating hydrogen storage using naturally occurring nanostructure assemblies
US8241798 B1 20120814	HRL LAB LLC [US]	US201113326243 20111214; US20090386087 20090413	H01M8/16; H01M8/00	Methods and apparatus for increasing biofilm formation and power output in microbial fuel cells
US8241804 B1 20120814	HONDA MOTOR CO LTD [JP]	JP20110048006 20110304	H01M8/04	METHOD FOR CONTROLLING FUEL CELL SYSTEM
US8268025 B1 20120918	RUSSELL SR CHARLES WILLIAM [US]	US201113135589 20110708; US20080069936 20080213	B01J7/00; B01J8/00; C01B3/36; H01M8/06	Method and system for hydrogen powered fuel cells

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
US8268480 B1 20120918	PRIMUS POWER CORP [US]	US201213540892 20120703; US201213357270 20120124; US20090458853 20090724; US20080523146 20080116; WO2008US51111 20080116; US20070654380 20070116	H01M8/04	Electrochemical energy system
US8283077 B1 20121009	UNIV CALIFORNIA [US]	US19990146769P 19990731; US20020273812 20021017; US20000626629 20000727; US20080027183 20080206; US20060471774 20060620; US20050260009 20051026	C25B1/02; B01D53/32; C25B9/00; H01M8/12	STRUCTURES AND FABRICATION TECHNIQUES FOR SOLID STATE ELECTROCHEMICAL DEVICES
WO2012089723 A1 20120705	FEV GMBH [DE]; KARSTEDT JOERG [DE]; OGRZEWALLA JUERGEN [DE]	DE20101061576 20101227	H01M8/04	APPARATUS FOR POTENTIAL COMPENSATION BETWEEN AT LEAST TWO FUEL CELLS WHICH ARE CONNECTED IN SERIES
WO2012089909 A1 20120705	WAERTSILAE FINLAND OY [FI]; KIVISAARI TIMO [FI]; HAKALA TUOMAS [FI]; HOTTINEN TERO [FI]; AASTROEM KIM [FI]	FI20100006398 20101231	H01M8/06; H01M8/04; H01M8/12	CONTROL ARRANGEMENT FOR CONTROLLING OXIDATION OF A REFORMER AND METHOD FOR CONTROLLING OXYGEN CONTENT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012090049 A1 20120705	TOYOTA MOTOR CO LTD [JP]; HAMADA SHIGETAKA [JP]	JP20100292894 20101228	H01M8/02; H01M8/04	FUEL CELL
WO2012090390 A1 20120705	PANASONIC CORP [JP]; SUZUKI TAKAHIRO; NOMURA TAKAIKI; TAMURA SATORU; HATO KAZUHITO; TANIGUCHI NOBORU; TOKUHIRO KENICHI; MIYATA NOBUHIRO	JP20100292999 20101228	B01J27/24; B01J23/20; B01J23/648; B01J35/02; C01B3/04; C01G33/00; H01M8/00; H01M8/06	OPTICAL SEMICONDUCTOR AND PRODUCTION METHOD THEREFOR, AS WELL AS OPTICAL SEMICONDUCTOR DEVICE, PHOTOCATALYST, HYDROGEN- GENERATING DEVICE AND ENERGY SYSTEM
WO2012090450 A1 20120705	NIPPON SHEET GLASS CO LTD [JP]; HORIGUCHI HARUKO [JP]; MIYASHITA KIYOSHI [JP]	JP20100292116 20101228	B01J23/44; B01J13/00; B01J35/02; B01J37/03; B22F1/00; B22F1/02; B22F9/24	NOBLE METAL COLLOID PARTICLES AND NOBLE METAL COLLOID SOLUTION, AND CATALYST FOR OXYGEN REDUCTION
WO2012090618 A1 20120705	NISSAN MOTOR [JP]; YOSHIKAWA KOUICHI	JP20100289600 20101227	H01M8/02; H01M8/10	FUEL CELL
WO2012090832 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SUGANO HIDEAKI [JP]; ISHIZUKI KIMIKO [JP]	JP20100293668 20101228	H01M8/06; B01D53/14; B01J20/02; B01J20/18; C01B3/38; C10G25/05; C10L3/10	DESULFURIZATION SYSTEM FOR FUEL CELL, HYDROGEN PRODUCTION SYSTEM FOR FUEL CELL, FUEL CELL SYSTEM, DESULFURIZATION METHOD FOR HYDROCARBON FUEL, AND METHOD FOR PRODUCING HYDROGEN
WO2012090833 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SUGANO HIDEAKI [JP]; ISHIZUKI KIMIKO [JP]	JP20100293670 20101228	H01M8/06; C01B3/38; C10G25/05; C10L3/10	HYDROGEN PRODUCTION SYSTEM FOR FUEL CELL, FUEL CELL SYSTEM, DEIONIZATION METHOD FOR HYDROCARBON FUEL, AND HYDROGEN PRODUCTION METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012090836 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; HASHIMOTO YASUSHI [JP]	JP20100293672 20101228	H01M8/06; C10G25/05; C10L3/10	DESULFURIZATION SYSTEM FOR FUEL CELL, HYDROGEN PRODUCTION SYSTEM FOR FUEL CELL, FUEL CELL SYSTEM, AND DESULFURIZATION METHOD FOR HYDROCARBON FUEL
WO2012090837 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; HASHIMOTO YASUSHI [JP]	JP20100293678 20101228	H01M8/06; C01B3/38; C10G25/05; C10L3/10	DESULFURIZATION SYSTEM FOR FUEL CELL, HYDROGEN PRODUCTION SYSTEM FOR FUEL CELL, FUEL CELL SYSTEM, AND DESULFURIZATION METHOD FOR HYDROCARBON FUEL
WO2012090864 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SAKIMA SHUHEI [JP]	JP20100289943 20101227	H01M8/06; C01B3/38; C10G25/00; C10L3/10; H01M8/04	DESULFURIZATION DEVICE AND FUEL CELL SYSTEM
WO2012090865 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SAKIMA SHUHEI [JP]	JP20100289947 20101227	H01M8/06; C01B3/38; C10L3/10	DESULFURIZATION DEVICE AND FUEL CELL SYSTEM
WO2012090870 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; TSUKAGOSHI SHOUICHI [JP]; SUGANO HIDEAKI [JP]; SADAKANE OSAMU [JP]	JP20100292681 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012090871 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; TSUKAGOSHI SHOUICHI [JP]; MIZUNO YASUSHI [JP]	JP20100292678 20101228	H01M8/04; H01M8/06	FUEL CELL SYSTEM
WO2012090875 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SAKIMA SHUHEI [JP]	JP20100289951 20101227	H01M8/06; H01M8/04	FUEL CELL SYSTEM AND DESULFURIZATION DEVICE
WO2012090878 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; TSUKAGOSHI SHOUICHI [JP]; SEKI YURI [JP]; SADAKANE OSAMU [JP]	JP20100292691 20101228	H01M8/04; C01B3/38; H01M8/06; H01M8/10	FUEL CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012090956 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIYAZAWA KAZUNORI [JP]; KAWABATA MANABU [JP]; SAKODA HISAO [JP]; ISHIZUKI KIMIKA [JP]	JP20100293661 20101228	C10L3/10; B01J29/12; C01B3/38; H01M8/06	DESULFURIZATION SYSTEM, HYDROGEN-MANUFACTURING SYSTEM, FUEL-CELL SYSTEM, FUEL-DESULFURIZATION METHOD, AND METHOD FOR MANUFACTURING HYDROGEN
WO2012090957 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIYAZAWA KAZUNORI [JP]; KAWABATA MANABU [JP]; SAKODA HISAO [JP]; ISHIZUKI KIMIKA [JP]	JP20100293666 20101228	C10L3/10; B01J29/10; C01B3/34; H01M8/06	DESULFURIZATION SYSTEM, HYDROGEN-MANUFACTURING SYSTEM, FUEL-CELL SYSTEM, FUEL-DESULFURIZATION METHOD, AND METHOD FOR MANUFACTURING HYDROGEN
WO2012090964 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20100292367 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091029 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; UNNO TOSHIYUKI [JP]	JP20100292380 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091030 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; SAKIMA SHUHEI [JP]	JP20100292297 20101228	H01M8/04; F24H1/00; H01M8/00; H01M8/06	FUEL CELL SYSTEM
WO2012091031 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; KAWAJI YUKIHIRO [JP]; MIZUNO YASUSHI [JP]; YOKOYAMA SHOU [JP]	JP20100292362 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091033 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO TAMAKI [JP]; SADAKANE OSAMU [JP]	JP20100292685 20101228	H01M8/04; H01M8/06	FUEL CELL SYSTEM
WO2012091034 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; KANEKO KEISUKE [JP]; IBUKA TAKESHI [JP]	JP20100292702 20101228	H01M8/04; H01M8/06; H01M8/10; H01M8/12	FUEL CELL SYSTEM
WO2012091035 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO TAMAKI [JP]; SATO YASUSHI [JP]	JP20100292694 20101228	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012091037 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO TAMAKI [JP]	JP20100292699 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091063 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20100292316 20101228	H01M8/06; H01M8/04	FUEL CELL SYSTEM
WO2012091094 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20100292298 20101228; JP20100292308 20101228	H01M8/04; H01M8/06	FUEL CELL SYSTEM
WO2012091096 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20100292351 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091120 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO YOHEI [JP]; SAKIMA SHUHEI [JP]	JP20100292344 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091121 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO YOHEI [JP]	JP20100292334 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091127 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; MIZUNO YOHEI [JP]; SAKIMA SHUHEI [JP]	JP20100292346 20101228	H01M8/04	FUEL CELL SYSTEM
WO2012091131 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; HORIUCHI TAKAFUMI [JP]; SAKIMA SHUHEI [JP]; NAKAJIMA HIDEAKI [JP]; MIZUNO YASUSHI [JP]	JP20100292397 20101228	H01M8/04; F24H1/00; F28D7/00; F28D7/04; F28D7/10; F28D7/16; F28D9/00; H01M8/00	FUEL CELL SYSTEM
WO2012091132 A1 20120705	JX NIPPON OIL & ENERGY CORP [JP]; HORIUCHI TAKAFUMI [JP]; SAKIMA SHUHEI [JP]; TSUKAGOSHI SHOUICHI [JP]; SADAKANE OSAMU [JP]	JP20100292402 20101228	H01M8/04; F28D7/16; H01M8/00; H01M8/06	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012091403 A2 20120705	HYOSUNG CORP [KR]; SEO YOUNG-GER [KR]; LEE JEONG-MIN [KR]; SUH IN-YOUNG [KR]	KR20100135162 20101227	H01M8/04; H01M10/44; H02M7/00	FUEL CELL SYSTEM AND POWER CONTROL METHOD
WO2012091446 A2 20120705	POSCO [KR]; PARK YOUNG MIN [KR]; SONG JUNG HOON [KR]; AHN JIN SOO [KR]; BAE HONGYOUL [KR]	KR20100137302 20101228; KR20100137303 20101228	H01M8/12; H01M8/02; H01M8/24	UNIT CELL OF METAL-SUPPORTED SOLID OXIDE FUEL CELL, PREPARATION METHOD THEREOF, AND SOLID OXIDE FUEL CELL STACK USING THE UNIT CELL
WO2012091460 A2 20120705	POSCO [KR]; BAE HONGYOUL [KR]; SONG JUNG HOON [KR]; AHN JIN SOO [KR]; PARK YOUNG MIN [KR]	KR20100136730 20101228	H01M8/12; B05C5/02; B05D1/26; H01M8/02	SOLID OXIDE FULE CELL, METHOD FOR MANUFACTURING SAME, AND TAPE CASTING DEVICE FOR MANUFACTURING A FUEL ELECTRODE
WO2012091463 A2 20120705	POSCO [KR]; KIM SEUNG GOO [KR]; YANG CHOONGMO [KR]; KIM DO HYEONG [KR]; JUN JOONG HWAN [KR]	KR20100137076 20101228	H01M8/12; H01M8/04; H01M8/24	FUEL CELL SYSTEM AND STACK
WO2012093264 A1 20120712	ADVANCED PLASMA POWER LTD [GB]; CHAPMAN CHRIS [GB]; STEIN ROLF [GB]; BROOKS MARTIN [GB]; MANUKIAN EDWARD S [US]; CLARK ROBERT M [US]	GB20110005962 20110407; US201161430574P 20110107	C10J3/18; C01B3/52; C01B3/56; C10J3/12; C10J3/16; C10J3/46; C10K1/00; C10K1/12; C10K3/00; E21B43/16; H01M8/06	GAS STREAM PRODUCTION
WO2012093432 A1 20120712	PANASONIC CORP [JP]; MORI MASAHIRO; KIKUZUMI SHINYA; KAWASHIMA TSUTOMU; UEYAMA YASUHIRO; KUBOTA KAZUNORI	JP20110002094 20110107	H01M8/02; H01B1/06; H01M8/10	ELECTROLYTE MEMBRANE FOR SOLID POLYMER FUEL CELLS, MEMBRANE ELECTRODE ASSEMBLY HAVING SAID ELECTROLYTE MEMBRANE, AND SOLID POLYMER FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012093991 A1 20120712	UTC POWER CORP [US]; HANRAHAN PAUL R [US]	WO2011US20008 20110103	H01M8/24; H01M8/04; H01M8/12	THERMAL ENERGY RECYCLING FUEL CELL ARRANGEMENT
WO2012094514 A1 20120712	BLOOM ENERGY CORP [US]; PERRY MARTIN [US]; WEINGAERTNER DAVID [US]; GOTTMANN MATTHIAS [US]; PETRUCHA MICHAEL [US]; KALIKA VLAD [US]; BASU NILANJANA [US]; KRISHNAN NAVANEETHA [IN]; EDMONSTON DAVID [US]; BAINS VIRPAUL [US]; LYLE WILLIAM DAVID [US]	US201161430255P 20110106	H01M8/04; F28F9/00; H01M8/02; H01M8/12	COMPOSANTS D'ENCEINTE THERMIQUE (HOT BOX) POUR PILE ? COMBUSTIBLE ? OXYDE SOLIDE
WO2012094672 A2 20120712	ENERVAULT CORP [US]; HORNE CRAIG [US]; HICKEY DARREN [US]; KINOSHITA KIMIO [US]; MOSSO RONALD [US]; LIN BRUCE [US]	US201161430783P 20110107	H01M8/18; H01M8/02	REDOX FLOW BATTERY SYSTEM WITH DIVIDED TANK SYSTEM
WO2012094674 A2 20120712	ENERVAULT CORP [US]; HORNE CRAIG [US]; DURAIRAJ SUMITHA [US]; HICKEY DARREN [US]; MOSSO RON [US]; BOSE DEEPAK [US]	US201161430812P 20110107	H01M8/18; H01M8/02; H01M8/04	REDOX FLOW BATTERY SYSTEM WITH MULTIPLE INDEPENDENT STACKS
WO2012094764 A1 20120719	DANA CANADA CORP [CA]; VANDERWEES DOUG [CA]; HASAN MANAF [SE]; WILSON JON [US]; KUMMEROW JACK [US]	US201161432429P 20110113; US201113225877 20110906	F24F6/00; F28F3/08; F28F3/12; H01M8/04	HUMIDIFIER FOR FUEL CELL SYSTEMS
WO2012095331 A1 20120719	SIEMENS AG [DE]; HANEBUTH MARC [DE]; KOSSE SYLVIO [DE]; WUENSCH ANDREAS [DE]	DE20111002729 20110114	H01M4/48; H01M6/50; H01M8/04; H01M8/12; H01M10/50	ENERGY STORAGE ARRANGEMENT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012095495 A1 20120719	HELION [FR]; GENESTON THIERRY [FR]	FR20110050305 20110114	H01M8/04	PRESSURE-REGULATING DEVICE FOR A SYSTEM OF FUEL-CELL STACKS
WO2012096017 A1 20120719	SANTOKU CORP [JP]; UNIV OSAKA [JP]; MATSUO SHINYA [JP]; MUROTA TADATOSHI [JP]	JP20110005936 20110114	B01J23/76; B01J23/89; B01J35/10	CATALYSTS AND PROCESS FOR PRODUCING SAME
WO2012096022 A1 20120719	SHOWA DENKO KK [JP]; MONDEN RYUJI [JP]; IMAI TAKUYA [JP]; WAKIZAKA YASUAKI [JP]; LEE KUNCHAN [JP]; SATO TAKASHI [JP]	JP20110006190 20110114	H01M4/88; B01J31/02; H01M4/90; H01M8/10	METHOD FOR PRODUCING FUEL CELL ELECTRODE CATALYST, FUEL CELL ELECTRODE CATALYST, AND APPLICATION THEREOF
WO2012096023 A1 20120719	SHOWA DENKO KK [JP]; MONDEN RYUJI [JP]; IMAI TAKUYA [JP]; WAKIZAKA YASUAKI [JP]; LEE KUNCHAN [JP]; SATO TAKASHI [JP]	JP20110006191 20110114	H01M4/88; B01J31/02; H01M4/90; H01M8/10	METHOD FOR PRODUCING FUEL CELL ELECTRODE CATALYST, FUEL CELL ELECTRODE CATALYST, AND APPLICATION THEREOF
WO2012096126 A1 20120719	SONY CORP [JP]; MATSUMOTO RYUHEI [JP]; FUJITA SHUJI [JP]; SAKAI HIDEKI [JP]; TOKITA YUICHI [JP]; WATANABE YOKO [JP]	JP20110003256 20110111	H01M8/16; C12N1/15; C12N1/19; C12N1/20; C12N5/00; H01M4/86; H01M4/90	FUEL CELL, METHOD FOR MANUFACTURING FUEL CELL, ELECTRONIC DEVICE, ENZYME-IMMOBILIZED ELECTRODE, BIOSENSOR, ENERGY CONVERSION ELEMENT, CELL, CELL ORGANELLE, AND BACTERIUM
WO2012096189 A1 20120719	SHOWA DENKO KK [JP]; YOKOUCHI HITOSHI [JP]; OHMORI MASAHIRO [JP]; TAKEDA AKIFUMI [JP]	JP20110006405 20110114	H01M4/66; H01G9/016; H01L31/04	CURRENT COLLECTOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012096653 A1 20120719	UTC POWER CORP [US]; TOYOTA MOTOR CO LTD [JP]; YANG ZHIWEI [US]; CIPOLLINI NED E [US]; GUMMALLA MALLIKA [US]; LIU FUQIANG [US]; THRASHER JOSEPH S [US]; FERNANDEZ RICHARD EDWARD [US]; SAYLER TODD S [US]; WATERFELD ALFRED [US]	WO2011US20806 20110111	H01M8/02; C08F8/36; H01B1/06; H01M8/10	PROTON EXCHANGE MATERIAL AND METHOD THEREFOR
WO2012096976 A1 20120719	BATTELLE MEMORIAL INSTITUTE [US]; BROOKS KRISTON P [US]; HOLLADAY JAMELYN D [US]; SIMMONS KEVIN L [US]; HERLING DARRELL R [US]	US201213346613 20120109; US201161431288P 20110110	C01B3/00; C01B3/06; H01M8/04	COMBINED ON-BOARD HYDRIDE SLURRY STORAGE AND REACTOR SYSTEM AND PROCESS FOR HYDROGEN POWERED VEHICLES AND DEVICES
WO2012097164 A1 20120719	ENERVAULT CORP [US]; CHANG ON KOK [US]; KINOSHITA KIMIO [US]; MOSSO RONALD [US]	US201161432470P 20110113	H01M8/18; H01M8/02	POROUS ELECTRODE WITH IMPROVED CONDUCTIVITY
WO2012097340 A1 20120719	DEEYA ENERGY INC [US]; KESHAVARZ MAJID [US]; PARAKULAM GOPALAKRISHNAN R [US]; SOMPALLI BHASKHAR [US]; SIMON JOSEPH P [US]	US201161432552P 20110113; US201213350688 20120113	H01M8/04	FLOW BATTERY START-UP AND RECOVERY MANAGEMENT
WO2012097521 A1 20120726	NINGBO INST MAT TECH & ENG CAS [CN]; WANG WEIGUO [CN]; GUAN WANBING [CN]; ZHAI HUIJUAN [CN]; SHEN SHENGCHENG [CN]; JIN LE [CN]; ZHANG QINGSHENG [CN]; KE RUI [CN]	WO2011CN70472 20110121	H01M8/24; H01M8/02; H01M8/12	SOLID OXIDE FEUL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012097980 A1 20120726	AUDI NSU AUTO UNION AG [DE]; KOZLIK CHRISTOPH [DE]; VASSEN HEINZ-WILLI [DE]; SCHWARZBAUER ROBERT [DE]; FEES HEINER [DE]	DE20111009102 20110121	H01M2/10; H01M8/24	BATTERY HAVING A PLURALITY OF BATTERY CELLS
WO2012098606 A1 20120726	PANASONIC CORP [JP]; UEDA HIDEYUKI	JP20110007789 20110118; JP20110007790 20110118	H01M4/96; H01M4/86; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL AND FUEL CELL USING SAME
WO2012098640 A1 20120726	TOYOTA MOTOR CO LTD [JP]; HASEGAWA SHIGEKI [JP]	WO2011JP50723 20110118	H01M4/88; H01M4/96; H01M8/02; H01M8/10	METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY AND SOLID POLYMER FUEL CELL
WO2012098689 A1 20120726	JFE STEEL CORP [JP]; IDE SHINSUKE [JP]; ISHII TOMOHIRO [JP]; ISHIKAWA SHIN [JP]; KATO YASUSHI [JP]	JP20110006554 20110117	H01M8/02	METHOD FOR PRODUCING STAINLESS STEEL FOR FUEL CELL SEPARATORS, STAINLESS STEEL FOR FUEL CELL SEPARATORS, FUEL CELL SEPARATOR, AND FUEL CELL
WO2012098712 A1 20120726	SHOWA DENKO KK [JP]; HORIKITA MASAKI [JP]; LEE KUNCHAN [JP]; MONDEN RYUJI [JP]; YU CHUNFU [JP]; WAKIZAKA YASUAKI [JP]; SATO TAKASHI [JP]	JP20110009736 20110120; JP20110009737 20110120	B01J27/24; B01J32/00; B01J35/10; B01J37/08; H01M4/86; H01M4/88; H01M8/10	CATALYST CARRIER PRODUCTION METHOD, COMPOSITE CATALYST PRODUCTION METHOD, COMPOSITE CATALYST, FUEL CELL USING SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012098941 A1 20120726	SUMITOMO ELECTRIC TOYAMA CO LTD [JP]; NISHIMURA JUNICHI [JP]; TSUCHIDA HITOSHI [JP]; SAITO HIDETOSHI [JP]	JP20110006878 20110117	C25D1/08; C22C1/08; C22F1/00; C22F1/02; C22F1/10; C25D5/54; C25D7/00; H01M4/66; H01M4/80; H01M8/02	POROUS METAL HAVING HIGH CORROSION RESISTANCE AND PROCESS FOR PRODUCING SAME
WO2012098945 A1 20120726	KONICA MINOLTA HOLDINGS INC [JP]; URATANI SHOICHI [JP]; UEYAMA MASAYUKI [JP]; OHMORI HIROKO [JP]; OKANO TAKAYUKI [JP]	JP20110009978 20110120	H01M8/06; C01B3/08; H01M8/04	SECONDARY BATTERY-TYPE FUEL CELL SYSTEM
WO2012099066 A1 20120726	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20110006816 20110117	C10L3/10; B01J8/04; H01M8/06	DESULFURIZER
WO2012099067 A1 20120726	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]	JP20110006811 20110117	C10L3/10; B01J8/00; H01M8/06	DESULFURIZER
WO2012099113 A1 20120726	SUMITOMO CHEMICAL CO [JP]; SANADA TAKASHI [JP]; KURITA HIROYUKI [JP]	JP20110007129 20110117	H01M8/02	FILM ELECTRODE JUNCTION AND FUEL CELL
WO2012099118 A1 20120726	SUMITOMO CHEMICAL CO [JP]; KURITA HIROYUKI [JP]; SAITO SHIN [JP]	JP20110007130 20110117	H01M8/02; C08J5/22; H01B1/06; H01M8/10	POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012099287 A1 20120726	DAEWOO SHIPBUILDING & MARINE [KR]; KIM HYUN JIN [KR]; LEE EUN BAE [KR]; CHOI JUNG HO [KR]; CHOI YONG SEOK [KR]; KWON HYUK [KR]	WO2011KR00438 20110121	H01M8/06; B63H21/17; H01M8/04; H01M8/12; H01M8/14	APPARATUS FOR PRODUCING ELECTRICITY FOR COMMERCIAL SHIP AND METHOD THEREOF
WO2012099582 A1 20120726	UTC POWER CORP [US]; GUMMALLA MALLIKA [US]; YANG ZHIWEI [US]; PINTAURO PETER [US]; LEE KYUNG MIN [US]; WYCISK RYSZARD [US]	WO2011US21632 20110119	H01M8/02; B82B3/00; C08J5/22; D01F9/12; H01M8/10	POROUS NANO-FIBER MATS TO REINFORCE PROTON CONDUCTING MEMBRANES FOR PEM APPLICATIONS
WO2012099583 A1 20120726	UTC POWER CORP [US]; SHAO MINHUA [US]	WO2011US21703 20110119	H01M4/92; H01M8/02	SHAPE CONTROLLED PALLADIUM AND PALLADIUM ALLOY NANOPARTICLE CATALYST
WO2012101818 A1 20120802	TOYOTA MOTOR CO LTD [JP]; NANBA RYOICHI [JP]; ARAKI YASUSHI [JP]	WO2011JP51776 20110128	H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2012101819 A1 20120802	TOYOTA MOTOR CO LTD [JP]; NANBA RYOICHI [JP]; ARAKI YASUSHI [JP]	WO2011JP51777 20110128	H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2012101853 A1 20120802	YAMAHA MOTOR CO LTD [JP]; FURUKAWA KAZUYOSHI [JP]; MATSUMOTO YUKI [JP]	JP20110014816 20110127	H01M8/04; H01M8/00	FUEL CELL SYSTEM AND TRANSPORT APPARATUS COMPRISING SAME
WO2012101996 A1 20120802	PANASONIC CORP [JP]; YASUDA SHIGEKI [JP]; YUKIMASA AKINORI; INOUE ATSUTAKA; MORITA JUNJI [JP]; TATSUI HIROSHI	JP20110012208 20110124	F24H1/00; H01M8/00; H01M8/04; H01M8/10	COGENERATION SYSTEM
WO2012102035 A1 20120802	MIHAMA CORP [JP]; MIHAMA TAKESHI [JP]; YAMABE KENICHIRO [JP]	JP20110014024 20110126	B60H1/22; H01M8/00	TEMPERATURE ADJUSTMENT SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012102195 A1 20120802	MITSUBISHI RAYON CO [JP]; TATSUNO HIROTO [JP]; SUMIOKA KAZUHIRO [JP]; SAMEJIMA TADAO [JP]	JP20110015638 20110127; JP20110015639 20110127; JP20110066344 20110324	H01M4/88; C04B35/80; C04B35/83; C04B38/00; D21H13/50; D21H19/24; D21H25/04; H01M4/96; H01M8/10	POROUS ELECTRODE SUBSTRATE, METHOD FOR PRODUCING SAME, PRECURSOR SHEET, MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
WO2012102253 A1 20120802	NISSAN MOTOR [JP]; KAMIJO MOTOHISA	JP20110011707 20110124	H01M8/04; H01M8/06	FUEL CELL POWER GENERATION SYSTEM, AND METHOD FOR CONTROL OF FUEL CELL POWER GENERATION SYSTEM
WO2012102712 A1 20120802	BLUE NANO INC [US]; DING YI [CN]; WANG RONG YUE [CN]	WO2011US22535 20110126	H01M8/10	METHOD FOR PREPARING AN MEA FOR A FUEL CELL
WO2012102724 A1 20120802	UTC POWER CORP [US]; PARSONS JASON B [US]	WO2011US22801 20110128	H01M8/04; H01M4/86; H01M8/10	FUEL CELL SEAL
WO2012103064 A2 20120802	FUELCELL ENERGY INC [US]; MCINERNEY JOSEPH P [US]; ERNST LOUIS F [US]; FAROOQUE MOHAMMAD [US]; VENKATARAMAN RAMAKRISHNAN [US]; HANSELL ERIC [US]; NEDU DANIELA [US]; DAVIS KEITH [US]; SNYDER WILLIAM [US]; QUATANNENS MICHAEL [US]	US201113016519 20110128	H01M8/24; H01M8/02; H01M8/04	MANIFOLD ASSEMBLY FOR CONTROLLING GAS FLOW AND FLOW DISTRIBUTION IN A FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012103537 A2 20120802	IRD FUEL CELLS LLC [US]; ANDRESEN VISTI [DK]; BONDE JACOB LINDNER [DK]; LUNDSGAARD JOERGEN S [DK]; LUNDSTROM MADDS [DK]; ODGAARD MADELEINE [DK]	US201161437230P 20110128	H01M8/04	METHOD AND SYSTEM FOR STABLE DIRECT METHANOL FUEL CELL OPERATION AT VARYING LOADS AND SUB- ZERO TEMPERATURES
WO2012104282 A1 20120809	MANN & HUMMEL GMBH [DE]; BEYLICH MARKUS [DE]; FASOLD MICHAEL [DE]; NOURI JAWAD [DE]	DE20111009917 20110131	H01M8/04	EXPANSION TANK FOR LIQUID FLUID AND ION EXCHANGER OF AN EXPANSION TANK
WO2012104294 A1 20120809	MANN & HUMMEL GMBH [DE]; BEYLICH MARKUS [DE]; FASOLD MICHAEL [DE]; NOURI JAWAD [DE]	DE20111009923 20110131	H01M8/04; B01J47/02	ION EXCHANGER FOR PROCESSING A LIQUID FLUID
WO2012104599 A1 20120809	AFC ENERGY PLC [GB]; SUTHERLAND HUGH LIAM [GB]; LEWIS GENE STACEY [GB]; REYNOLDS CHRISTOPHER [GB]; DAWSON RICHARD [GB]	GB20110001933 20110204; GB20110019341 20111109	H01M4/86; H01M4/88; H01M4/90; H01M8/02; H01M8/08	FUEL CELLS
WO2012105107 A1 20120809	TOYOTA MOTOR CO LTD [JP]; IIO ATSUO [JP]; TAKEHIRO NAOKI [JP]; ARAI TATSUYA [JP]	JP20110020129 20110201	H01M4/88; H01M4/92	PROCESSES FOR PRODUCTION OF CATALYST MICROPARTICLES, CATALYST MICROPARTICLES SUPPORTED ON CARBON, CATALYST MIX AND ELECTRODE
WO2012105300 A1 20120809	NISSAN MOTOR [JP]; KUSHIBIKI KEIKO; IZUMI TAKAO; KAMIJO MOTOHISA	JP20110019599 20110201	H01M8/04; H01M8/06	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012105462 A1 20120809	SONY CORP [JP]; FUJITA SHUJI [JP]; MITA HIROKI [JP]; YAMANOI SHUN [JP]; SAKAI HIDEKI [JP]; TOKITA YUICHI [JP]; TABATA SEIICHIRO [JP]; SAMUKAWA TSUNETOSHI [JP]; NAKAGAWA TAKAAKI [JP]	JP20110018333 20110131; JP20110271224 20111212	H01M8/16; H01M4/90; H01M4/96	FUEL CELL, METHOD FOR MANUFACTURING FUEL CELL, ELECTRONIC APPARATUS, NICOTINAMIDE ADENINE DINUCLEOTIDE-IMMOBILIZED ELECTRODE, NICOTINAMIDE ADENINE DINUCLEOTIDE-IMMOBILIZED CARRIER, DEVICE USING ENZYME REACTION, PROTEIN-IMMOBILIZED ELECTRODE, AND PROT
WO2012105487 A1 20120809	SHARP KK [JP]; MIZUHATA HIROTAKA; SATA SHUNSUKE; YOSHIDA AKIHITO; TAKENAKA SHINOBU	JP20110019691 20110201	H01M8/02; H01M8/04; H01M8/10	MEMBRANE ELECTRODE ASSEMBLY AND ALKALINE FUEL CELL USING SAME
WO2012105575 A1 20120809	TOTO LTD [JP]; SHIMAZU MEGUMI [JP]; UENO AKIRA [JP]; ABE TOSHIYA [JP]; MIYAO MOTOYASU [JP]; HIWATASHI KENICHI [JP]	JP20110018760 20110131	H01M8/02; C04B35/48; H01B1/06	SOLID ELECTROLYTE MATERIAL AND SOLID OXIDE FUEL CELL PROVIDED WITH SAME
WO2012105576 A1 20120809	TOTO LTD [JP]; SHIMAZU MEGUMI [JP]; UENO AKIRA [JP]; ABE TOSHIYA [JP]; MIYAO MOTOYASU [JP]; HIWATASHI KENICHI [JP]	JP20110018761 20110131	H01M8/02; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL
WO2012105579 A1 20120809	TOTO LTD [JP]; SHIMAZU MEGUMI [JP]; UENO AKIRA [JP]; ABE TOSHIYA [JP]; MIYAO MOTOYASU [JP]; HIWATASHI KENICHI [JP]	JP20110018762 20110131	H01M8/02; C04B35/48; C04B41/87; H01B1/06; H01M8/12	SOLID ELECTROLYTE MATERIAL AND SOLID OXIDE FUEL CELL PROVIDED WITH SAME
WO2012105580 A1 20120809	TOTO LTD [JP]; SHIMAZU MEGUMI [JP]; UENO AKIRA [JP]; ABE TOSHIYA [JP]; MIYAO MOTOYASU [JP]; HIWATASHI KENICHI [JP]	JP20110018763 20110131	H01M8/02; C04B35/48; C04B41/87; H01B1/06; H01M4/86; H01M8/12	SOLID OXIDE FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012105921 A2 20120809	HIDRA ENERJI VE KIMYA SANAYI TICARET LTD SIRKETI [TR]; KOKSAL SEDA [TR]	TR20110000955 20110201	C08J5/22	CATION EXCHANGE POLYMER ELECTROLYTE MEMBRANE WITH FLEXIBLE STRUCTURE AND LOW LOSS OF MOISTURE
WO2012105975 A1 20120809	UTC POWER CORP [US]; FINK GARRETT W [US]; FERREIRA DAVID MELO [US]; CARNEVALE CHRISTOPHER JOHN [US]	WO2011US23559 20110203	H01M8/04; F04F5/00; G05D7/00; H01M8/24	FREEZE TOLERANT FUEL CELL FUEL PRESSURE REGULATOR
WO2012106369 A2 20120809	FLUIDIC INC [US]; FRIESEN CODY A [US]; KRISHNAN RAMKUMAR [US]; MIHALKA JOHN MICHAEL [US]; HAYES JOEL R [US]; FRIESEN GRANT [US]	US201161439759P 20110204	H01M2/40; H01M8/18; H01M10/42; H01M12/06; H01M12/08	ELECTROCHEMICAL CELL SYSTEM WITH SHUNT CURRENT INTERRUPT
WO2012106562 A1 20120809	RAYTHEON CO [US]; PRUETT JAMES A [US]; SHORT BYRON E [US]; CHOE HOWARD C [US]	US201161439495P 20110204; US201161439499P 20110204; US201213364780 20120202	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM AND METHOD
WO2012106564 A1 20120809	UNIV DELAWARE [US]; BRUNNER DOUGLAS [US]; BAJPAI MANISH [US]; KINZEY JOHN ADAM C [US]; MARCKS SHANE [US]; PRASAD AJAY K [US]; ADVANI SURESH G [US]	US201161439143P 20110203	F04F5/02; F02M37/00; F04F5/48; H01M8/04; H01M8/22	DEVICES, SYSTEMS, AND METHODS FOR VARIABLE FLOW RATE FUEL EJECTION

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012107738 A1 20120816	JOHNSON MATTHEY PLC [GB]; SHARMAN JONATHAN DAVID BRERETON [GB]; THEOBALD BRIAN RONALD CHARLES [GB]; WRIGHT EDWARD ANTHONY [GB]	GB20110002138 20110208	B01J23/46; B01J21/06; B01J23/40; B01J23/48; B01J23/847; B01J23/85; B01J35/00; B01J35/06; B01J35/10; H01M4/90; H01M4/92; H01M8/10	CATALYST FOR FUEL CELLS
WO2012108416 A1 20120816	SHARP KK [JP]; SATA SHUNSUKE; MIZUHATA HIROTAKA; YOSHIDA AKIHITO; TAKENAKA SHINOBU	JP20110027462 20110210; JP20110027466 20110210; JP20110027474 20110210	H01M8/04	ALKALINE FUEL CELL SYSTEM
WO2012109236 A1 20120816	UNITED TECHNOLOGIES CORP [US]; PANDY ARUN [US]; PERRY MICHAEL L [US]	US201113022285 20110207	H01M8/18; H02J3/34	METHOD AND SYSTEM FOR OPERATING A FLOW BATTERY SYSTEM BASED ON ENERGY COSTS
WO2012109359 A1 20120816	UNITED TECHNOLOGIES CORP [US]; PERRY MICHAEL L [US]; PANDY ARUN [US]; ZAFFOU RACHID [US]; WALKER CRAIG R [US]	US201113023101 20110208	H01M8/18; H01M8/10	FLOW BATTERY HAVING A LOW RESISTANCE MEMBRANE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012109554 A1 20120816	BIC SOC [FR]; MCLEAN GERARD F [CA]; GILL LAURA [CA]; IACONIS JEAN-LOUIS [CA]; SCHROOTEN JEREMY [CA]; GURIN MIKHAIL [CA]; TAM BENJAMIN [CA]; SEAMAN SALLY [CA]; ZIMMERMANN JOERG [CA]	US201161442043P 20110211; US201161442104P 20110211; US201161442130P 20110211; US201161441996P 20110211; US201161442098P 20110211	H01M8/22	FUEL CELL SYSTEM
WO2012110516 A1 20120823	PLANSEE SE [AT]; FRAUNHOFER GES FORSCHUNG [DE]; BRANDNER MARCO [DE]; SCHMID JOHANNES [AT]; VENSKUTONIS ANDREAS [AT]; TROFIMENKO NIKOLAI [DE]; SAUCHUK VIKTAR [DE]; KUSNEZOFF MIHAILS [DE]; LUCKE KARIN [DE]; MICHAELIS ALEXANDER [DE]	EP20110001220 20110215	H01M8/02; B32B18/00; C01G45/00; C01G53/00; C04B35/01; C23C24/10; H01M8/12	LAYER STRUCTURE AND USE THEREOF TO FORM A CERAMIC LAYER STRUCTURE BETWEEN AN INTERCONNECT AND A CATHODE OF A HIGH-TEMPERATURE FUEL CELL
WO2012111046 A1 20120823	TOYOTA MOTOR CO LTD [JP]; MATSUSUE MASAOKI [JP]	JP20110031000 20110216	H01M8/04; H01M8/00; H01M8/10	FUEL CELL SYSTEM AND VEHICLE MOUNTED WITH SAME
WO2012111629 A1 20120823	JX NIPPON OIL & ENERGY CORP [JP]; TSUKAGOSHI SHOUICHI [JP]; SADAKANE OSAMU [JP]	JP20110031011 20110216	H01M8/04; H01M8/06	FUEL CELL SYSTEM
WO2012111671 A1 20120823	KOBE STEEL LTD [JP]; TAKADA SATORU; SUZUKI JUN; SATO TOSHIKI	JP20110028423 20110214; JP20120009653 20120120	H01M8/02	FUEL CELL SEPARATOR
WO2012111822 A1 20120823	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]	JP20110032142 20110217	H01M8/04	FUEL CELL MODULE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012111823 A1 20120823	DAINIPPON PRINTING CO LTD [JP]; TAKEUCHI NAOYA [JP]; KISHIMOTO HIROSHI [JP]	JP20110032755 20110218; JP20110061988 20110322	H01M8/02; H01M4/86; H01M4/88; H01M8/10	MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, MANUFACTURING METHOD THEREOF, AND SOLID POLYMER FUEL CELL USING MEMBRANE-ELECTRODE ASSEMBLY
WO2012111824 A1 20120823	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]	JP20110032146 20110217	H01M8/06; H01M8/04	FUEL CELL MODULE
WO2012112193 A1 20120823	ALTERGY SYSTEMS [US]; GARRETTSON GLEN [US]; GRUPP DAVID [US]; DABEL JEREMY [US]	US201161444595P 20110218; US201113196837 20110802	H01M8/04; G05D7/06; H01M8/10	INTEGRATED RECIRCULATING FUEL CELL SYSTEM
WO2012114108 A1 20120830	UNIV ULSTER [GB]; PAPAKONSTANTINOUS PAGONA [GB]; SHARMA SURBHI [GB]; BIKKAROLLA SANTOSH KUMAR [GB]; GANGULY ABHIJIT [GB]; DAVIS JAMES [GB]	GB20110003045 20110222	H01M4/86; H01M4/88; H01M8/10	OXYGEN REDUCTION REACTION CATALYST
WO2012114391 A1 20120830	PANASONIC CORP [JP]; MIYAUCHI SHINJI; KATOU MOTOMICHI	JP20110037833 20110224	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM AND OPERATION METHOD THEREFOR
WO2012114432 A1 20120830	TOYOTA MOTOR CO LTD [JP]; ISHIKAWA YUJI [JP]	WO2011JP53694 20110221	H01M8/02; H01M8/04	FUEL CELL
WO2012114646 A1 20120830	PANASONIC CORP [JP]; OE JUN; FUJII HIROAKI; KOKUBU HIROFUMI; KAN HIROAKI	JP20110037836 20110224; JP20110076141 20110330	H01M8/04	FUEL CELL SYSTEM
WO2012114668 A1 20120830	PANASONIC CORP [JP]; HONKAWA HIROKAZU; MATSUMOTO TOSHIHIRO; ARAI KENJI; YOSHIMURA MITSUO	JP20110035908 20110222	H01M8/24; H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012114681 A1 20120830	PANASONIC CORP [JP]; TAKEGUCHI SHINSUKE [JP]	JP20110035445 20110222	H01M8/24; H01M8/02; H01M8/10	FUEL CELL AND FUEL CELL STACK COMPRISING SAME
WO2012114778 A1 20120830	SHOWA DENKO KK [JP]; HORIKITA MASAKI [JP]; LEE KUNCHAN [JP]; WAKIZAKA YASUAKI [JP]; SATO TAKASHI [JP]	JP20110035002 20110221	H01M4/88; H01M4/90; H01M8/10	METHOD FOR MANUFACTURING ELECTRODE CATALYST FOR FUEL CELL
WO2012115196 A1 20120830	NISSAN MOTOR [JP]; TOMITA YOUSUKE	JP20110037675 20110223	H01M8/04	FUEL CELL SYSTEM
WO2012115278 A1 20120830	SONY CORP [JP]; SAKAI HIDEKI [JP]; MATSUMOTO RYUHEI [JP]; FUJITA SHUJI [JP]; GOTO YOSHIO [JP]; TOKITA YUICHI [JP]	JP20120031405 20120216; JP20110037779 20110224	H01M8/16; C12M1/00; C12M1/34; C12M1/40; C12N1/00; H01M4/90	MICROBIAL FUEL CELL, FUEL AND MICROBES FOR SAID FUEL CELL, BIOREACTOR AND BIOSENSOR
WO2012115485 A2 20120830	KOREA ENERGY RESEARCH INST [KR]; KIM SUN-DONG [KR]; HAN IN-SUB [KR]; SEO DOO-WON [KR]; YU JI-HAENG [KR]; KIM SE-YOUNG [KR]; WOO SANG-KUK [KR]	KR20110016615 20110224	H01M8/12; C25B1/04; H01M8/02	FLAT TUBULAR SOLID-OXIDE FUEL CELL, AND FLAT TUBULAR SOLID-OXIDE WATER ELECTROLYSIS APPARATUS
WO2012115605 A1 20120830	UTC POWER CORP [US]; REISER CARL A [US]	WO2011US00349 20110225	H01M8/04; B60L11/18	CONTROLLING PEM FUEL CELL VOLTAGE DURING POWER TRANSITIONS AND IDLING
WO2012116782 A1 20120907	DAIMLER AG [DE]; WANG KEPING [CA]; LI JING [CA]; YANG YUNSONG [CA]; FORD MOTOR CO [US]	US201113039470 20110303; US201113039432 20110303	H01M8/10	PROTON CONDUCTING ELECTROLYTES WITH CROSS-LINKED COPOLYMER ADDITIVES FOR USE IN FUEL CELLS
WO2012116994 A1 20120907	VITO NV [BE]; DOYEN WILLY [BE]; ALVAREZ GALLEGO YOLANDA [BE]	US201161447145P 20110228; EP20110156178 20110228	C25B1/12; C08J5/22; C25B13/02; C25B13/04; H01M8/08	NOVEL SEPARATOR, AN ELECTROCHEMICAL CELL THEREWITH AND USE THEREOF THEREIN

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012117035 A1 20120907	IMP INNOVATIONS LTD [GB]; UCL BUSINESS PLC [GB]; BRETT DANIEL JOHN LESLIE [GB]; KUCERNAK ANTHONY ROBERT JOHN [GB]	GB20110003590 20110301	H01M8/02; H01M8/04; H01M8/10; H01M8/24	FUEL CELL COMPRISING AT LEAST TWO STACKED PRINTED CIRCUIT BOARDS WITH A PLURALITY OF INTERCONNECTED FUEL CELL UNITS
WO2012117150 A1 20120907	WAERTSILAE FINLAND OY [FI]; AASTROEM KIM [FI]; LAITINEN MARKO [FI]	FI20110005202 20110228	H01M8/18; H01M8/04	METHOD AND ARRANGEMENT FOR IMPROVED OPERABILITY OF A HIGH TEMPERATURE FUEL CELL SYSTEM
WO2012117158 A1 20120907	WAERTSILAE FINLAND OY [FI]; AASTROEM KIM [FI]; LAITINEN MARKO [FI]; HOTTINEN TERO [FI]	FI20110005203 20110228	C25B1/04; C25B9/18; C25B15/08; H01M8/04; H01M8/06; H01M8/24	METHOD AND ARRANGEMENT FOR IMPROVED HEATING OF A HIGH TEMPERATURE FUEL CELL SYSTEM
WO2012117172 A1 20120907	COMMISSARIAT ENERGIE ATOMIQUE [FR]; FAUCHEUX VINCENT [FR]; LATOUR ANTOINE [FR]; THERY JESSICA [FR]; VALON BRUNO [FR]	FR20110000628 20110302	H01M8/04; H01M8/24	FUEL-CELL STACK COMPRISING AN ANODE CHAMBER COMPRISING IN THE ANODE CHAMBER AN AREA FOR CONDENSING AND REMOVING WATER AND METHOD FOR CONDENSING AND REMOVING WATER FORMED IN SAID CHAMBER
WO2012117525 A1 20120907	TOYOTA MOTOR CO LTD [JP]; FUJITA KEISUKE [JP]	WO2011JP54642 20110301	H01M8/04; H01M8/10	FUEL CELL SYSTEM
WO2012117594 A1 20120907	NISSIN ELECTRIC CO LTD [JP]; HUANG LAN; DEGUCHI HIROSHIGE; YAMANOUCI SHOSUKE	WO2011JP54798 20110302	H01M8/18	POWER STORAGE BATTERY
WO2012117661 A1 20120907	SANYO ELECTRIC CO [JP]; FUJISAWA MASASHI [JP]; ISONO TAKAHIRO [JP]	JP20110043180 20110228	H01M8/02; H01M4/86; H01M8/10	FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012117676 A1 20120907	PANASONIC CORP [JP]; YOSHIMURA MITSUO; HONKAWA HIROKAZU; ARAI KENJI	JP20110044962 20110302	H01M8/24; H01M8/02; H01M8/10	POLYMER ELECTROLYTE FUEL CELL
WO2012117725 A1 20120907	PANASONIC CORP [JP]; SANO HIDEHARU	JP20110046176 20110303	F16T1/36; H01M2/12; H01M8/04; H01M8/10	GAS-LIQUID SEPARATOR AND FUEL CELL SYSTEM
WO2012117937 A1 20120907	NISSAN MOTOR [JP]; AOKI TETSUYA	JP20110043862 20110301	H01M8/04	FUEL CELL SYSTEM
WO2012117982 A1 20120907	HONDA MOTOR CO LTD [JP]; YOSHIMINE YUKI [JP]; TSUNODA TADASHI [JP]	JP20110044564 20110302	H01M8/02; H01M8/24	FUEL CELL STACK
WO2012117983 A1 20120907	HONDA MOTOR CO LTD [JP]; TSUNODA TADASHI [JP]; YOSHIMINE YUKI [JP]	JP20110044563 20110302	H01M8/24; H01M8/02	FUEL CELL STACK
WO2012120033 A1 20120913	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DELAHAYE THIBAUD [FR]; PATRO PANKAJ- KUMAR [IN]	FR20110051919 20110309	H01M4/86; H01M4/88; H01M8/12	PROCESS FOR PRODUCING AN AIR ELECTRODE, THE ELECTRODE THUS OBTAINED AND ITS USES
WO2012120090 A1 20120913	AVL LIST GMBH [AT]; KOEROESI MICHAEL [AT]; STUETZ HARALD [AT]; YANKOSKI EDWARD [AT]; MICHELITSCH MARTIN [AT]; AIOLFI MAURO [AT]	AT20110000320 20110309	H01M8/02; H01M8/04; H05B3/34	ELECTRICAL ENERGY STORE
WO2012120091 A1 20120913	AVL LIST GMBH [AT]; KOEROESI MICHAEL [AT]; STUETZ HARALD [AT]; MICHELITSCH MARTIN [AT]; YANKOSKI EDWARD [AT]; AIOLFI MAURO [AT]	AT20110000322 20110309	H01M8/02	ELECTRICAL ENERGY STORE COMPRISING INDIVIDUAL MODULES AND FORM-FITTING CONNECTIONS OF THEIR INDIVIDUAL CELL FRAMES
WO2012120314 A2 20120913	UNIV BRISTOL [GB]; GREENMAN JOHN [GB]; IEROPOULOS ANDREA IOANNIS [GB]	GB20110004046 20110309	H01M8/16	APPARATUS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012120453 A1 20120913	TATA MOTORS LTD [IN]; MUNUSAMY RAJA [IN]; ANNEGOWDA YOGESHA SANKENHALLI [IN]; MATH SOMALINGAYYA GURUPADAYYA [IN]; DHIRAJLAL BHUT BHAVESHKUMAR [IN]	IN2011MU00657 20110309	F16K15/02; H01M8/04	A SELF REGULATING AIR THROTTLE VALVE, METHOD OF REGULATING AIR, AND METHOD OF ASSEMBLING THEREOF
WO2012120835 A1 20120913	PANASONIC CORP [JP]; TOKUHIRO KENICHI; NOMURA TAKAIKI; SUZUKI TAKAHIRO; TAMURA SATORU; MIYATA NOBUHIRO; TANIGUCHI NOBORU; HATO KAZUHITO	JP20110049808 20110308	H01M8/06; H01M8/00; H01M8/04	ENERGY SYSTEM
WO2012120883 A1 20120913	SANYO ELECTRIC CO [JP]; IMURA SHINICHIRO [JP]	JP20110052013 20110309	H01M8/24; H01M8/02	FUEL CELL AND METHOD FOR MANUFACTURING FUEL CELL
WO2012121069 A1 20120913	SUZUKI MOTOR CORP [JP]; OZAWA NAOKI [JP]; MATSUMOTO SHIRO [JP]; IKEYA KENGO [JP]; DAVIES DAMIAN PATRICK [GB]	JP20110047887 20110304	B60K8/00; B60K1/04; B60L11/18; H01M8/00; H01M8/04	AIR INTAKE DEVICE FOR FUEL CELL VEHICLE
WO2012123290 A1 20120920	CASSIDIAN SAS [FR]; MUNIER ERIC [FR]; BOURGEOIS JEAN-MARIE [FR]; DE GENTILE MARION [FR]	FR20110052220 20110317	H01M8/06; H01M8/04; H01M8/18	HYDROGEN OFFLOADING IN AN ELECTROCHEMICAL GENERATOR UNIT INCLUDING A HYDROGEN FUEL CELL
WO2012123794 A1 20120920	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]	JP20110058667 20110317	H01M8/02; H01M8/00; H01M8/04; H01M8/24	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012123917 A1 20120920	PROSPECTION & INVENTIONS [FR]; RICORDI CHRISTIAN [FR]	FR20110052149 20110316	H01M8/04	AN ADAPTER FOR CONNECTING A FUEL CELL AND A FUEL RESERVOIR FOR AN ELECTROPORTABLE DEVICE, A CELL AND ADAPTER ASSEMBLY AND THE DEVICE
WO2012124238 A1 20120920	SANYO ELECTRIC CO [JP]; MATSUMURA KOHJI [JP]; HAGIWARA RYUZO [JP]; IKEBE HAYATO [JP]; YAMAGUCHI MASAO [JP]; HARADA TAKANORI [JP]; ABE TAKAYOSHI [JP]; OTSUKI YOSUKE [JP]	JP20110055389 20110314; JP20110055388 20110314	H01M10/42; H01M10/44; H01M10/48; H02H7/18; H02J7/00	POWER SUPPLY SYSTEM
WO2012124298 A1 20120920	PANASONIC CORP [JP]; YASUDA SHIGEKI [JP]; NAKAMURA AKINARI [JP]; KUSUMURA KOICHI [JP]; URATA TAKAYUKII [JP]	JP20110055841 20110314	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME
WO2012124326 A1 20120920	SANYO ELECTRIC CO [JP]; IMURA SHINICHIRO [JP]	JP20110055814 20110314	H01M8/02; H01M8/24	FUEL CELL, AND FUEL CELL MANUFACTURING METHOD
WO2012124518 A1 20120920	TOPPAN PRINTING CO LTD [JP]; OZAWA MADOKA [JP]	JP20110056764 20110315	H01M4/88; H01M8/02; H01M8/04; H01M8/10	MANUFACTURING METHOD AND MANUFACTURING DEVICE FOR MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL, AND POLYMER ELECTROLYTE FUEL CELL
WO2012125138 A1 20120920	UTC POWER CORP [US]; SHOEMAKER KRISTA MARIE [US]; DARLING ROBERT M [US]; STOLAR LAURA ROEN [US]; IZZO ELISE LORRAINE [US]	WO2011US28060 20110311	H01M4/92; B01J23/44; B82B3/00; H01M8/02; H01M8/10	UNITIZED ELECTRODE ASSEMBLY WITH HIGH EQUIVALENT WEIGHT IONOMER

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012125153 A1 20120920	UTC POWER CORP [US]; RIDGEWAY KRISTOFFER [US]; CARNEVALE CHRISTOPHER JOHN [US]; HARRINGTON MICHAEL D [US]	WO2011US28424 20110315	H01M8/24; B29C45/14; H01M8/04; H01M8/10	FUEL CELL PLATE BONDING METHOD AND ARRANGEMENT
WO2012125804 A2 20120920	PRIDGEON & CLAY INC [US]; KOZAL MICHAEL D [US]; WOJTAS PETER [US]; KANOUSE WILLIAM [US]; PYKE STACEY [US]; WHITLEY ROGER L [US]	US201161452889P 20110315	H01M8/02; H01M8/10; H01M8/12	METHOD AND APPARATUS FOR MANUFACTURING A FUEL CELL ELECTRODE
WO2012125839 A1 20120920	UNIV KENTUCKY RES FOUND [US]; LIPKA STEPHEN M [US]; SWARTZ CHRISTOPHER R [US]	US201161465153P 20110315; US201161487198P 20110517; US201161569484P 20111212; US201161453450P 20110316	H01B1/24; H01M8/04	CARBON PARTICLES
WO2012127147 A1 20120927	PEUGEOT CITROEN AUTOMOBILES SA [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]; GLIPA XAVIER [FR]; RANJARD JEAN FRANCOIS [FR]; PINTON ERIC [FR]; POIROT CROUVEZIER JEAN-PHILIPPE [FR]; BEGOT SYLVIE [FR]; HAREL FABIEN [FR]; LE CANUT JEAN-MARC [FR]	FR20110052320 20110321	H01M8/04; B60L11/18	METHOD FOR OPERATING A FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012127311 A1 20120927	BASF SE [DE]; FLEISCHHAKER FRIEDERIKE [DE]; GRONWALD OLIVER [DE]; BELACK JOERG [US]; BASF CHINA CO LTD [CN]	EP20110159556 20110324	C08J5/22; C08J5/18; C08J5/20; C08J7/12; C08J7/14; H01M2/16; H01M8/02; H01M8/10	METHOD FOR MECHANICAL STABILIZATION OF NITROGEN-CONTAINING POLYMERS
WO2012127348 A1 20120927	TATA MOTORS LTD [IN]; DHIRAJLAL BHUT BHAVESHKUMAR [IN]; MUNUSAMY RAJA [IN]; RAJAN RIJI CHEERAN [IN]	IN2011MU00842 20110323	H01M8/04	SYSTEM AND METHOD FOR CONTROLLING TEMPERATURE OF A FUEL CELL STACK
WO2012127361 A1 20120927	TATA MOTORS LTD [IN]; DHIRAJLAL BHUT BHAVESHKUMAR [IN]; MATH SOMALINGAYYA GURUPADAYYA [IN]; ANNEGOWDA YOGESHA SANKENHALLI [IN]; MUNUSAMY RAJA [IN]	IN2011MU00863 20110323	H01M8/04	A SYSTEM AND METHOD FOR RECIRCULATING HYDROGEN AND BLEEDING OF IMPURITIES FROM FUEL CELL STACK
WO2012127402 A1 20120927	TATA MOTORS LTD [IN]; MUNUSAMY RAJA [IN]; DHIRAJLAL BHUT BHAVESHKUMAR [IN]	IN2011MU00873 20110324	H01M8/04	SYSTEM AND METHOD FOR MONITORING AND CONTROLLING FUEL CELL POWER PLANT IN A VEHICLE
WO2012127800 A1 20120927	PANASONIC CORP [JP]; KAKU HIROAKI; MIYAUCHI SHINJI; OISHI HITOSHI; ZHANG RUI	JP20110063700 20110323; JP20120049208 20120306	H01M8/04; H01M8/00	FUEL CELL POWER GENERATION APPARATUS
WO2012127860 A1 20120927	PANASONIC CORP [JP]; KASAI MASUMI; NAKAYAMA ATSUSHI	JP20110065566 20110324	H01M8/04; H01M8/00	NEEDLE VALVE CONTROL SYSTEM AND FUEL CELL SYSTEM
WO2012127944 A1 20120927	PANASONIC ECO SOLUTIONS POWER TOOLS CO LTD [JP]; INOUE HIROYUKI; OHASHI TOSHIHARU	JP20110063604 20110323	H02K5/10; H01M8/04	GENERATOR DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012127975 A1 20120927	PANASONIC ECO SOLUTIONS POWER TOOLS CO LTD [JP]; INOUE HIROYUKI; OHASHI TOSHIHARU	JP20110063603 20110323	H02K5/04; H01M8/04	GENERATOR DEVICE
WO2012127999 A1 20120927	SHARP KK [JP]; MIZUHATA HIROTAKA; SATA SHUNSUKE	JP20110062618 20110322	H01M8/04; H01M8/02	CONTROL DEVICE AND FUEL-CELL SYSTEM
WO2012128024 A1 20120927	PANASONIC ECO SOLUTIONS POWER TOOLS CO LTD [JP]; INOUE HIROYUKI; OHASHI TOSHIHARU	JP20110063614 20110323	H01M8/04	POWER GENERATOR
WO2012128041 A1 20120927	PANASONIC ECO SOLUTIONS POWER TOOLS CO LTD [JP]; INOUE HIROYUKI; OHASHI TOSHIHARU	JP20110063613 20110323	H01M8/04	POWER GENERATOR
WO2012128106 A1 20120927	TOPPAN PRINTING CO LTD [JP]; KIUCHI SHUJI [JP]	JP20110061197 20110318	H01M8/02; H01B13/00	ELECTROLYTE FILM WITH ATTACHED GASKET MANUFACTURING DEVICE AND ELECTROLYTE FILM WITH ATTACHED GASKET MANUFACTURING METHOD
WO2012128238 A1 20120927	SHARP KK [JP]; ONISHI TAKENORI; KOMODA MUTSUOKO; YOSHIE TOMOHISA; MIZUHATA HIROTAKA; TAKENAKA SHINOBU; MURAOKA MASASHI	JP20110065992 20110324; JP20110066002 20110324	H01M8/02; H01M8/10	FUEL CELL
WO2012128307 A1 20120927	MURATA MANUFACTURING CO [JP]; UEDA YOSHIKI [JP]	JP20110065708 20110324	H01M8/02; H01M8/12; H01M8/24	BONDING MATERIAL FOR SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL MODULE
WO2012128368 A1 20120927	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]	JP20110065897 20110324	H01M8/04	FUEL-CELL MODULE
WO2012128369 A1 20120927	JX NIPPON OIL & ENERGY CORP [JP]; SAKIMA SHUHEI [JP]; UNNO TOSHIYUKI [JP]	JP20110065901 20110324	H01M8/04; H01M8/06	FUEL-CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012128451 A1 20120927	KOREA MACH & MATERIALS INST [KR]; CHOI JONG-JIN [KR]; CHOI JOON-HWAN [KR]; PARK DONG-SOO [KR]	KR20110025761 20110323; KR20110140184 20111222	H01M8/12; B05D1/02; H01M8/02	METHOD FOR MANUFACTURING AN ELECTROLYTE MEMBRANE FOR A SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL USING SAME
WO2012128984 A2 20120927	SMARTPOOL INC [US]; MIKUSKI SHAWN [US]; VAJDA JAYSON EDUARD [NI]; GAYNES STEPHEN JOHN [US]	US201161466714P 20110323; US201161537894P 20110922	H01M8/08; B01J7/00; B01J19/24; C01B3/02	HEATING SYSTEM WITH INTEGRATED HYDROGEN GENERATION
WO2012129266 A1 20120927	RAYTHEON CO [US]; PRUETT JAMES A [US]; CHOE HOWARD C [US]; SHORT JR BYRON ELLIOTT [US]; BOWLING LARRY C [US]	US201161466293P 20110322	H01M8/12; H01M8/00; H01M8/04; H01M16/00	SYSTEMS AND METHODS PROVIDING A WEARABLE POWER GENERATOR
WO2012129570 A1 20120927	UNIV FLORIDA STATE RES FOUND [US]; ZHENG JIAN-PING JIM [US]; ZHU WEI [US]; ZHENG CHUANGCHUN [US]; LIANG ZHIYONG [US]; ZHANG CHUN [US]; WANG BEN [US]	US201161467264P 20110324	H01M8/10	CARBON NANOTUBE AND NANOFIBER FILM-BASED MEMBRANE ELECTRODE ASSEMBLIES
WO2012129606 A1 20121004	UNIV WOLLONGONG [AU]; MOZER ATTILA JANOS [AU]	AU20110901134 20110328	C25B1/02; H01M4/32; H01M8/00	CATHODE-DRIVEN OR ASSISTED SOLAR CELL
WO2012130458 A2 20121004	EADS DEUTSCHLAND GMBH [DE]; AIRBUS OPERATIONS GMBH [DE]; LIEW KAN-ERN [DE]; ENZINGER MICHAEL [DE]; STEINWANDEL JUERGEN [DE]	US201161487685P 20110518; DE20111015824 20110401	H01M8/06; B64D41/00; C01B3/26; C10G1/00; C10G49/00; C10L1/00	AIRCRAFT FUEL CELL SYSTEM, AIRCRAFT AND USE OF A SYNTHETIC FUEL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012130931 A1 20121004	COMMISSARIAT ENERGIE ATOMIQUE [FR]; VINCENT REMI [FR]; ESCRIBANO SYLVIE [FR]; FRANCO ALEJANDRO [FR]; GUETAZ LAURE [FR]; KROSNICKI GUILLAUME [FR]	FR20110052744 20110331	H01M4/90; H01M4/86; H01M4/92; H01M8/10	FUEL CELL COMPRISING A PROTON-EXCHANGE MEMBRANE, HAVING AN INCREASED SERVICE LIFE
WO2012130932 A1 20121004	COMMISSARIAT ENERGIE ATOMIQUE [FR]; VINCENT REMI [FR]; ESCRIBANO SYLVIE [FR]; FRANCO ALEJANDRO [FR]; GUETAZ LAURE [FR]; MERCIER ANNE-GAELLE [FR]; NAYOZE CHRISTINE [FR]	FR20110052743 20110331	H01M8/10; H01M4/86; H01M4/96; H01M8/02; H01M8/04	FUEL CELL COMPRISING A PROTON-EXCHANGE MEMBRANE, HAVING AN INCREASED SERVICE LIFE
WO2012131163 A1 20121004	WAERTSILAE FINLAND OY [FI]; JANSSON PEIK [FI]; HOTTINEN TERO [FI]	FI20110005307 20110331	H01M8/04	A HEATING METHOD AND ARRANGEMENT FOR ENHANCED HEATING OF A HIGH TEMPERATURE FUEL CELL DEVICE
WO2012131267 A1 20121004	COMMISSARIAT ENERGIE ATOMIQUE [FR]; GLIPA XAVIER [FR]; RANJARD JEAN FRANCOIS [FR]; PINTON ERIC [FR]; POIROT CROUVEZIER JEAN-PHILIPPE [FR]; BEGOT SYLVIE [FR]; HAREL FABIEN [FR]; LE CANUT JEAN-MARC [FR]	FR20110052643 20110330	H01M8/04; B60L11/18; H01M8/02	FUEL-CELL STACK COMPRISING A STACK OF CELLS AND BIPOLAR CONDUCTIVE PLATES
WO2012131325 A1 20121004	AFC ENERGY PLC [GB]; BACKSTROM ANDREAS KARL [GB]	GB20110005330 20110330	H01M8/24; H01M8/04	CELL STACK SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012131718 A1 20121004	COUNCIL SCIENT IND RES [IN]; PILLAI VIJAYAMOHANAN KUNU KRISHNA [IN]; KHARUL ULHAS KANHAIYALAL [IN]; KURUNGOT SREEKUMAR [IN]; CHAUDHARI HARSHAL DILIP [IN]; UNNI SREEKUTTAN MARAVEEDU [IN]; UNNI BIPINLAL [IN]; KAGALWAL HUSAIN NOMAN [IN]	IN2011DE00869 20110329	H01M4/88; H01M8/10	AN IMPROVED PROCESS FOR THE PREPARATION OF MEMBRANE ELECTRODE ASSEMBLIES (MEAS)
WO2012132181 A1 20121004	PANASONIC CORP [JP]; TAKAHASHI MANABU; KATOU MOTOMICHI	JP20110075057 20110330	H01M8/04; H01M8/06	FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME
WO2012132197 A1 20121004	PANASONIC CORP [JP]; TATSUI HIROSHI; MORITA JUNJI [JP]; YASUDA SHIGEKI [JP]; YUKIMASA AKINORI; INOUE ATSUTAKA	JP20110074166 20110330; JP20110170407 20110803	H01M8/04; F23N5/00; F24H1/00; H01M8/00; H01M8/06	POWER GENERATION SYSTEM AND METHOD FOR OPERATING SAID SYSTEM
WO2012132198 A1 20121004	PANASONIC CORP [JP]; SHIMADA TAKANORI; FUJII MASASHI; KATOU MOTOMICHI; ZHANG RUI; TANAKA YOSHIKAZU [JP]	JP20110071789 20110329	H01M8/04	POWER GENERATION SYSTEM AND METHOD FOR OPERATING POWER GENERATION SYSTEM
WO2012132259 A1 20121004	PANASONIC CORP [JP]; KOKUBU HIROFUMI; URATA TAKAYUKI [JP]; NAKAMURA AKINARI [JP]	JP20110077617 20110331	H01M8/04	FUEL CELL SYSTEM AND OPERATION METHOD THEREOF
WO2012132260 A1 20121004	PANASONIC CORP [JP]; KOKUBU HIROFUMI; URATA TAKAYUKI [JP]; NAKAMURA AKINARI [JP]	JP20110077640 20110331	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME
WO2012132394 A1 20121004	SANYO ELECTRIC CO [JP]; NOWATARI YUKO [JP]; YASUO TAKASHI [JP]	JP20110069751 20110328	H01M8/02; H01M8/04; H01M8/10	FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012132409 A1 20121004	PANASONIC CORP [JP]; KIMURA YOICHI; FUKUDA MASARU; MUKAI YUJI; FUJIOKA HIROKI	JP20110274163 20111215; JP20110075056 20110330	C01B3/38; H01M8/04; H01M8/06	HYDROGEN PRODUCING DEVICE AND METHOD FOR OPERATING SAME
WO2012132410 A1 20121004	PANASONIC CORP [JP]; NAKAMURA AKINARI [JP]; KOKUBU HIROFUMI; URATA TAKAYUKII [JP]; TANAKA YOSHIKAZU [JP]	JP20110077636 20110331	H01M8/04	FUEL CELL SYSTEM AND OPERATING METHOD FOR SAME
WO2012132428 A1 20121004	SANYO ELECTRIC CO [JP]; SUZUKI HIROAKI [JP]	JP20110074202 20110330	H01M8/04; H01M8/10	FUEL CELL MODULE
WO2012132440 A1 20121004	NITTO DENKO CORP [JP]; SUGITANI TOORU [JP]; SHIMAZU AKIRA [JP]; NISHII HIROYUKI [JP]	JP20110075185 20110330	C08G73/10; H01B1/06; H01M8/02; H01M8/10	POLYIMIDE, POLYIMIDE POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
WO2012132441 A1 20121004	NITTO DENKO CORP [JP]; SUGITANI TOORU [JP]; SHIMAZU AKIRA [JP]; NISHII HIROYUKI [JP]	JP20110075186 20110330	C08G73/10; H01B1/06; H01M8/02; H01M8/10	POLYIMIDE, POLYIMIDE POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL
WO2012132445 A1 20121004	PANASONIC CORP [JP]; TATSUI HIROSHI; MORITA JUNJI [JP]; YUKIMASA AKINORI; WAKAMATSU HIDETOSHI; INOUE ATSUTAKA	JP20110071645 20110329	H01M8/04; F24H1/00	POWER GENERATING SYSTEM AND METHOD FOR OPERATING SAME
WO2012132462 A1 20121004	NIPPON CATALYTIC CHEM IND [JP]; HATA KAZUO [JP]	JP20110074356 20110330	H01M8/02; C04B35/48; H01M8/12	ELECTROLYTE SHEET FOR SOLID OXIDE FUEL CELL, UNIT CELL FOR SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL EQUIPPED WITH SAME, METHOD FOR TESTING ELECTROLYTE SHEET FOR SOLID OXIDE FUEL CELL, AND METHOD FOR MANUFACTURING ELECTROLYTE SHEET FOR SOLID OX

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012132635 A1 20121004	MURATA MANUFACTURING CO [JP]; TOMOSHIGE YOSUKE [JP]; MIZUKAMI KIMIHIRO [JP]; INAOKA MASATO [JP]	JP20110077870 20110331	H01M8/06; H01M8/04	FUEL CELL MODULE
WO2012132666 A1 20121004	NISSAN MOTOR [JP]; ABE MITSUTAKA; OKU TAKANORI	JP20110077660 20110331	H01M8/02; H01M8/10	FUEL BATTERY CELL
WO2012132667 A1 20121004	NISSAN MOTOR [JP]; OKU TAKANORI; KAGEYAMA KAZUHIRO; ABE MITSUTAKA	JP20110078360 20110331	H01M8/02; H01M8/10	FUEL CELL
WO2012132893 A1 20121004	MURATA MANUFACTURING CO [JP]; MORI NAOYA [JP]; TAKATA KAZUHIDE [JP]	JP20110076082 20110330	H01M8/02	FUEL CELL
WO2012132894 A1 20121004	MURATA MANUFACTURING CO [JP]; MORI NAOYA [JP]; TAKATA KAZUHIDE [JP]	JP20110075940 20110330	H01M8/02; H01M8/12	FUEL CELL
WO2012132997 A1 20121004	JX NIPPON OIL & ENERGY CORP [JP]; HORIUCHI TAKAFUMI [JP]; GOTO AKIRA [JP]	JP20110067154 20110325	C10G25/00; C01B3/32	DESULFURIZER
WO2012132998 A1 20121004	JX NIPPON OIL & ENERGY CORP [JP]; HORIUCHI TAKAFUMI [JP]; HASHIMOTO YASUSHI [JP]	JP20110067157 20110325	C10G45/00	TEMPERATURE CONTROL DEVICE FOR DESULFURIZER AND TEMPERATURE CONTROL METHOD
WO2012133017 A2 20121004	UNIV HOKKAIDO NAT UNIV CORP [JP]; TAKEGUCHI TATSUYA [JP]; ASAKURA KIYOTAKA	JP20110068296 20110325	H01M4/90; B01J23/46; B01J23/62; B01J37/18; B82Y30/00; H01M8/10	FUEL CELL ANODE CATALYST AND MANUFACTURING METHOD THEREFOR
WO2012133044 A1 20121004	MURATA MANUFACTURING CO [JP]; NAKAI HIDEAKI [JP]	JP20110067327 20110325	H01M8/02; H01M8/12	FUEL CELL
WO2012133086 A1 20121004	MURATA MANUFACTURING CO [JP]; UEDA YOSHIKI [JP]	JP20110068506 20110325	H01M8/02; H01M8/12; H01M8/24	BONDING MEMBER FOR SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL MODULE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012133175 A1 20121004	MURATA MANUFACTURING CO [JP]; YOKOKURA OSAMU [JP]	JP20110067326 20110325	H01M8/02; H01M4/86; H01M8/12	FUEL CELL
WO2012133250 A1 20121004	DAINIPPON PRINTING CO LTD [JP]; TAKEUCHI NAOYA [JP]; KISHIMOTO HIROSHI [JP]; OI KASUMI [JP]	JP20110067654 20110325	H01M4/86; H01M4/88; H01M4/96; H01M8/02; H01M8/10	CONDUCTIVE POROUS LAYER FOR BATTERIES AND FABRICATION METHOD FOR SAME
WO2012133263 A1 20121004	MURATA MANUFACTURING CO [JP]; TAKATA KAZUHIDE [JP]	JP20110079433 20110331	H01M8/02; H01M4/86; H01M8/12	FUEL CELL
WO2012133438 A1 20121004	NAT INST OF ADVANCED IND SCIEN [JP]; SUZUKI TOSHIO [JP]; YAMAGUCHI TOSHIKI [JP]; HAMAMOTO KOICHI [JP]; FUJISHIRO YOSHINOBU [JP]	JP20110078514 20110331	H01M4/86; C04B35/00; C04B41/85; H01M8/02; H01M8/12	MEDIUM-TO-LOW-TEMPERATURE HIGH- EFFICIENCY ELECTROCHEMICAL CELL AND ELECTROCHEMICAL REACTION SYSTEM COMPRISING SAME
WO2012133544 A1 20121004	ENEOS CELLTECH CO LTD [JP]; TAKAMI HIROFUMI [JP]	JP20110079880 20110331	H01M4/88; B05C1/02; H01M8/10	PASTE COATING DEVICE
WO2012133545 A1 20121004	ENEOS CELLTECH CO LTD [JP]; TAKAMI HIROFUMI [JP]	JP20110079986 20110331	H01M4/86; H01M8/10	GAS DIFFUSION LAYER, ELECTRODE FOR FUEL CELL, MEMBRANE ELECTRODE JUNCTION, AND FUEL CELL
WO2012133738 A1 20121004	NIHON VALQUA KOGYO KK [JP]; UEDA AKIRA [JP]; TAKAHASHI KENICHI [JP]; FUJII ATSUSHI [JP]; KAWAMURA TETSUYA [JP]	JP20110078007 20110331; JP20120057048 20120314	F16J15/10; F16J15/06; H01M8/02	SEAL MATERIAL FOR THIN PLATE MEMBERS
WO2012133747 A1 20121004	SUMITOMO ELECTRIC INDUSTRIES [JP]; NAKAISHI HIROYUKI [JP]; TSUTSUI YASUMITSU [JP]	JP20110077017 20110331; JP20120057244 20120314	H01M8/02; H01M2/08; H01M8/18; H01M8/24	BATTERY SEALING STRUCTURE, CELL FRAME FOR REDOX FLOW CELL, CELL STACK FOR REDOX FLOW CELL, AND REDOX FLOW CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012133765 A1 20121004	MURATA MANUFACTURING CO [JP]; UEDA YOSHIKI [JP]	JP20110075939 20110330	H01M8/02; H01M8/12; H01M8/24	BONDING MEMBER FOR SOLID OXIDE FUEL CELL, SOLID OXIDE FUEL CELL, AND SOLID OXIDE FUEL CELL MODULE
WO2012133835 A1 20121004	SUMITOMO CHEMICAL CO [JP]; SAITO SHIN [JP]; NODONO MITSUNORI [JP]; SAKAI TAIGA [JP]; MACHIDA YOICHIRO [JP]; SANADA TAKASHI [JP]	JP20110185096 20110826; JP20110073755 20110330; JP20110165723 20110728; JP20120015955 20120127	H01M8/02; C08G65/48; H01B1/06; H01B13/00; H01M8/10	POLYELECTROLYTE MEMBRANE, METHOD FOR MANUFACTURING POLYELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL
WO2012134095 A2 20121004	KOREA RES INST CHEM TECH [KR]; HONG YOUNG TAIK [KR]; KIM TAE HO [KR]; PARK JI YOUNG [KR]; LEE WOO JUNG [KR]; LEE DONG HYUN [KR]	KR20110026706 20110325	C08G61/12; C08G75/24; C08J5/22; H01M8/02; H01M8/10	HYDROGEN ION-CONDUCTING COPOLYMER INCLUDING A DIPHENYL FLUORENE GROUP IN WHICH A SULFONIC ACID GROUP IS INTRODUCED, METHOD FOR PREPARING
WO2012134104 A2 20121004	UNIV DANKOOK IACF [KR]; PARK JAE-HYOUNG [KR]; LEE SEUNG-KI [KR]	KR20110026694 20110325	H01M8/16; C12Q1/02; H01M8/02	MICROBIAL FUEL CELL COMPRISING A MICROPROBE ARRAY
WO2012134153 A2 20121004	M & S SYSTEM CO LTD [KR]; JUN DONG YON [KR]	KR20110028078 20110329	H01M8/04; B60L11/18; F04F5/00; H01M8/10	EJECTOR FOR HYDROGEN-FUELED CAR
WO2012134254 A2 20121004	KOLON INC [KR]; LEE DONG HOON [KR]; KIM NA YOUNG [KR]; LEE MOO SEOK [KR]; SHIN YONG CHEOL [KR]	KR20110029839 20110331	H01M8/02; C08G61/12; C08J3/24; C08L65/00; H01M8/10	POLYMER ELECTROLYTE AND PREPARATION METHOD THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012134553 A2 20121004	BATTELLE MEMORIAL INSTITUTE [US]; XIA GUANGUANG [US]; YANG ZHENGUO [US]; LI LIYU [US]; KIM SOOWHAN [US]; LIU JUN [US]; GRAFF GORDON L [US]	US201113071688 20110325	H01M8/18; H01M8/02	IRON-SULFIDE REDOX FLOW BATTERIES
WO2012135447 A1 20121004	GEN ELECTRIC [US]; LEHAR MATTHEW ALEXANDER [DE]; PETER ANDREW MAXWELL [US]; ALINGER MATTHEW JOSEPH [US]; SHAPIRO ANDREW PHILIP [US]; HUDY LAURA MICHELE [US]; BIEDERMAN BRUCE PHILIP [US]; LISSIANSKI VITALI VICTOR [US]; SHISLER ROGER ALLEN [US]	US201113076664 20110331	H01M8/04; H01M8/06	RECIRCULATION COMPLEX FOR INCREASING YIELD FROM FUEL CELL WITH CO2 CAPTURE
WO2012135473 A2 20121004	ENERVAULT CORP [US]; CHANG ON KOK [US]; SOPCHAK DAVID ANDREW [US]; PHAM AI QUOC [US]; KINOSHITA KIMIO [US]	US201161468733P 20110329; US201213432243 20120328	H01M8/18; H01M8/02; H01M8/04	MONITORING ELECTROLYTE CONCENTRATIONS IN REDOX FLOW BATTERY SYSTEMS
WO2012136337 A1 20121011	LI TEC BATTERY GMBH [DE]; SCHAEFER TIM [DE]; MEINTSCHEL JENS [DE]	DE20111016017 20110404	H01M2/10; H01G2/04; H01G2/10; H01M2/20; H01M6/42; H01M8/24; H01M10/42; H02J7/00	ENERGY STORAGE ARRANGEMENT AND ENERGY STORAGE DEVICE
WO2012136348 A1 20121011	DAIMLER AG [DE]; LI JING [CA]; WANG KEPING [CA]; YANG YUNSONG [CA]; MCDERMID SCOTT [CA]; KUNDU SUMIT [CA]; FORD MOTOR CO [US]	US201113081590 20110407	H01M8/10	ADDITIVES TO MITIGATE CATALYST LAYER DEGRADATION IN FUEL CELLS



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012136662 A2 20121011	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DROUHAULT DELPHINE [FR]; NIVELON PIERRE [FR]	FR20110052932 20110405	H01M8/02; H01M8/04; H01M8/10	COMPACT FUEL CELL
WO2012136688 A1 20121011	SOLVAY SPECIALTY POLYMERS IT [IT]; MERLO LUCA [IT]; OLDANI CLAUDIO [IT]	EP20110161554 20110407	B01D69/12; B01D71/32; C08J5/22; H01M8/10	PROCESS FOR THE PREPARATION OF CROSS-LINKED FLUORINATED POLYMERS
WO2012136781 A1 20121011	ACREO AB [SE]; SANDBERG MATS [SE]; SAWATDEE ANURAK [SE]; AAHLIN JESSICA [SE]	EP20110161186 20110405; US201161471827P 20110405	H01M6/18; G02F1/15; G02F1/361; H01M8/10; H01M10/0565	COLLOID ELECTROLYTE COMPOSITION
WO2012136936 A1 20121011	SNECMA [FR]; LE GONIDEC SERGE [FR]; RUTARD FABRICE [FR]; AMARI MOUSSA [FR]	FR20110052929 20110405	H01M8/04	SYSTEM FOR PRODUCING ENERGY COMPRISING A FUEL-CELL STACK AND A PRESSURE-REGULATING SYSTEM
WO2012137473 A1 20121011	PANASONIC CORP [JP]; NAGATOMO KENJI; YOKOHATA MITSUO; TATSUI HIROSHI; NAKAMURA AKINARI [JP]	JP20110083349 20110405	G01F1/00; F23N5/24; H01M8/04	FLOW RATE MEASUREMENT DEVICE
WO2012137516 A1 20121011	PANASONIC CORP [JP]; KAKU HIROAKI	JP20110086031 20110408	G01R31/02; G01R21/00; H01M8/04; H02J3/38; H02M7/48	DISTRIBUTED POWER GENERATION DEVICE AND METHOD FOR OPERATING SAME
WO2012137560 A1 20121011	SUZUKI MOTOR CORP [JP]; OZAWA NAOKI [JP]; MATSUMOTO SHIRO [JP]; IKEYA KENGO [JP]	JP20110084160 20110406	B60K8/00; B60K1/04; B60L11/18; H01M8/00; H01M8/04	EXHAUST DEVICE FOR FUEL CELL VEHICLE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012137561 A1 20121011	SUZUKI MOTOR CORP [JP]; OZAWA NAOKI [JP]; MATSUMOTO SHIRO [JP]	JP20110085480 20110407	B60K1/04; B60K8/00; B60L11/18; B62D21/00; H01M8/00; H01M8/04	FUEL CELL VEHICLE
WO2012137564 A1 20121011	NISSAN MOTOR [JP]; HOSHINO MAKI; IZUMI TAKAO	JP20110082600 20110404	H01M8/04; H01M8/00; H01M8/06; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM AND OPERATING METHOD THEREFOR
WO2012137609 A1 20121011	HONDA MOTOR CO LTD [JP]; SUGISHITA MASASHI [JP]; OKONOGI DAISUKE [JP]; KIMURA YOSHIHITO [JP]; TANAKA YUKIHITO [JP]	JP20110082175 20110401; JP20110134851 20110617	H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELLS, AND METHOD FOR PRODUCING SAME
WO2012137682 A1 20121011	TOTO LTD [JP]; ANDO SHIGERU [JP]; ISHIGURO AKIRA [JP]; KAWAKAMI AKIRA [JP]; SHIMAZU MEGUMI [JP]; MOMIYAMA YUTAKA [JP]; KAKINUMA YASUO [JP]	JP20110082020 20110401	H01M8/02; C01F17/00; H01M4/88; H01M8/12	METHOD FOR PRODUCING CERIUM COMPLEX OXIDE, SOLID OXIDE FUEL CELL, AND FUEL CELL SYSTEM
WO2012137773 A1 20121011	NISSAN MOTOR [JP]; OKU TAKANORI; UEHARA SHIGETAKA; ABE MITSUTAKA	JP20110083533 20110405	H01M8/02; H01M8/10	FUEL CELL
WO2012137820 A1 20121011	NISSAN MOTOR [JP]; OKU TAKANORI; SUGINO MANABU; UEHARA SHIGETAKA; ABE MITSUTAKA	JP20110085524 20110407	H01M8/02; H01M8/10	FUEL CELL
WO2012137925 A1 20121011	NISSAN MOTOR [JP]; KOTAKA TOSHIKAZU; TABUCHI YUICHIRO; FUKUYAMA YOSUKE	JP20110084379 20110406; JP20110134280 20110616	H01M4/86; H01M8/02	FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012137931 A1 20121011	JX NIPPON OIL & ENERGY CORP [JP]; YOKOYAMA SHOU [JP]; MIZUNO YASUSHI [JP]; YAMAMOTO SATORU [JP]	JP20110084580 20110406	H01M8/06; H01M8/04; H01M8/24	FUEL CELL MODULE
WO2012137934 A1 20121011	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]; MIZUNO YOHEI [JP]	JP20110084582 20110406	H01M8/04; H01M8/06	FUEL CELL MODULE
WO2012137992 A1 20121011	AHN DAE HEE [KR]; RYU JAE HUN [KR]; LEE WOO KYUNG [KR]; CHOI JI YOUN [KR]; KIM CHO HUI [KR]	WO2011KR02322 20110404	H01M8/16; C02F1/46; H01M8/02	MICROBIAL FUEL CELL THAT PRODUCES ELECTRICAL ENERGY FROM WASTEWATER CONTAINING ORGANIC MATTER
WO2012138403 A2 20121011	RECAPING INC [US]; PENN STATE RES FOUND [US]; RANDALL CLIVE A [US]; YANG ARAM [US]; DONNELLY NIALL [US]; RAJAGOPALAN RAMAKRISHNAN [US]; LEE SOONIL [US]; BAKER AMANDA [US]; MIRSANEH MEHDI [US]; QU WEIGUO [US]; DORJPALAM ENKHTUVSHIN [US]	US201161626821P 20111003; US201213506239 20120405; US201161479357P 20110426; US201161516928P 20110408	H01M10/0567; H01G9/022; H01M2/16; H01M8/02; H01M12/04	COMPOSITE IONIC CONDUCTING ELECTROLYTES

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012138576 A1 20121011	BLACKLIGHT POWER INC [US]; MILLS RANDELL L [US]	US201161472076P 20110405; US201161498245P 20110617; US201161505719P 20110708; US201161482932P 20110505; US201161515505P 20110805; US201161538534P 20110923; US201161559504P 20111114; US201161566225P 20111102; US201161578465P 20111221; US201261591532P 20120	H01M4/86; H01M4/94; H01M4/96; H01M8/06; H01M8/18; H01M8/22; H01M14/00	H2O-BASED ELECTROCHEMICAL HYDROGEN-CATALYST POWER SYSTEM
WO2012140011 A1 20121018	COMMISSARIAT ENERGIE ATOMIQUE [FR]; CENTRE NAT RECH SCIENT [FR]; BUVAT PIERRICK [FR]; BOUCHETEAU THOMAS [FR]; DAVID GHISLAIN [FR]; GANACHAUD FRANCOIS [FR]; KOSTJUK SERGEI VICTOROVICH [BY]	FR20110053187 20110412	H01M8/10; C08G77/395; C08K9/06; C09C3/12	SPECIFIC PHOSPHONATED COPOLYMERS AND INORGANIC PARTICLES GRAFTED BY SAID COPOLYMERS
WO2012140741 A1 20121018	ENEOS CELLTECH CO LTD [JP]; MASUYAMA TAKUYA [JP]; MAEHARA KAZUMI [JP]	WO2011JP59110 20110412	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND STOPPING METHOD THEREFOR

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012140742 A1 20121018	ENEOS CELLTECH CO LTD [JP]; MASUYAMA TAKUYA [JP]	WO2011JP59111 20110412	H01M8/04; H01M8/10	FUEL CELL SYSTEM AND STOPPING METHOD THEREFOR
WO2012140829 A1 20121018	PANASONIC CORP [JP]; NAKAYAMA ATSUSHI; KASAI MASUMI	JP20110087023 20110411	H01M8/04	FUEL CELL POWER GENERATION SYSTEM AND METHOD FOR CONTROLLING SAME
WO2012140952 A1 20121018	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; TSUKAMOTO KEIJI [JP]; MUTO GO [JP]	JP20110090341 20110414	H01M8/04	FUEL CELL MODULE
WO2012140953 A1 20121018	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]	JP20110090343 20110414	H01M8/04	FUEL CELL MODULE
WO2012140968 A1 20121018	MURATA MANUFACTURING CO [JP]; SASAKI MASAHIRO [JP]; HIGASHIYAMA YUZO [JP]	JP20110088083 20110412	F16K17/28; F16K7/17; F16K31/126; H01M8/04	CHECK VALVE AND FUEL CELL SYSTEM
WO2012141167 A1 20121018	DAINIPPON PRINTING CO LTD [JP]; SAKAMOTO HIROTOSHI [JP]; TANIGUCHI TAKAHISA [JP]; UTAKA KOUJUN [JP]; ASAI HIDENORI [JP]; KODANI KAZUFUMI [JP]; YOSHIKATA KUNIAKI [JP]	JP20110256410 20111124; JP20110087289 20110411	B32B27/00; B32B27/34; B32B27/38; C08G59/66; C08K5/37; C08L63/00; C08L77/00; C09J7/02; C09J11/06; C09J163/00; C09J177/00; H01M8/02; H01M8/10	REINFORCING MATERIAL FOR SOLID POLYMER FUEL CELL, AND COHESIVE/ADHESIVE COMPOSITION FOR USE IN SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012141177 A1 20121018	TOTO LTD [JP]; MOMIYAMA YUTAKA [JP]; KAKINUMA YASUO [JP]; TAKAHASHI YUYA [JP]; ISHIGURO AKIRA [JP]; ANDO SHIGERU [JP]; KAWAKAMI AKIRA [JP]	JP20110087867 20110412; JP20120080128 20120330	H01M8/02; H01B1/08; H01M8/12	SOLID ELECTROLYTE FUEL CELL
WO2012141268 A1 20121018	JX NIPPON OIL & ENERGY CORP [JP]; YAMAMOTO SATORU [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]	JP20110091158 20110415	H01M8/24; H01M8/06; H01M8/12	FUEL BATTERY MODULE
WO2012141296 A1 20121018	CENTRAL GLASS CO LTD [JP]; TANAKA TORU; SUZUKI KATSUTOSHI; KOMORIYA HARUHIKO; TAKAHASHI ARATA; ITABASHI SAORI	JP20110091442 20110415; JP20120090015 20120411	H01M8/02; H01M8/10	PROTON CONDUCTING POLYMER MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY USING SAME, AND POLYMER ELECTROLYTE FUEL CELL
WO2012141303 A1 20121018	JX NIPPON OIL & ENERGY CORP [JP]; SANKEI GIKEN KOGYO CO LTD [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]; SANPEI HIROTSUGU [JP]	JP20110091160 20110415	H01M8/24; H01M8/06	FUEL CELL MODULE
WO2012141304 A1 20121018	JX NIPPON OIL & ENERGY CORP [JP]; DAINICHI CO LTD [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]; YOKOO NAOKI [JP]; YAMAZAKI OSAMU [JP]; SHIBASAKI NORIHISA [JP]	JP20110091155 20110415	H01M8/04; H01M8/24	FUEL CELL MODULE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012141305 A1 20121018	JX NIPPON OIL & ENERGY CORP [JP]; DAINICHI CO LTD [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]; YOKOO NAOKI [JP]; YAMAZAKI OSAMU [JP]; SHIBASAKI NORIHISA [JP]	JP20110091325 20110415	H01M8/04; H01M8/12	FUEL CELL MODULE
WO2012141309 A1 20121018	JX NIPPON OIL & ENERGY CORP [JP]; SANKEI GIKEN KOGYO CO LTD [JP]; YAMAMOTO SATORU [JP]; MIZUNO YASUSHI [JP]; KAWAJI YUKIHIRO [JP]; YOKOYAMA SHOU [JP]; KURISU HISASHI [JP]	JP20110091328 20110415	H01M8/04; H01M8/12	FUEL CELL MODULE
WO2012141354 A1 20121018	KOREA ENERGY RESEARCH INST [KR]; PARK JONG-SOO [KR]; HWANG KYUNG-RAN [KR]; LEE CHUN-BOO [KR]; LEE SUNG-WOOK [KR]; RYI SHIN-KUN [KR]	WO2011KR02690 20110415	C01B3/38; B01J8/02; C01B31/18; H01M8/06	HYDROCARBON REFORMING APPARATUS USING MICROCHANNEL HEATER
WO2012142216 A1 20121018	AMERICAN IRON AND STEEL INST [US]; KHINKIS MARK J [US]; KOZLOV ALEKSANDR P [US]; KUREK H STANLEY [US]	US201113086433 20110414	H01M8/06; B01J19/00	NON-CATALYTIC RECUPERATIVE REFORMER
WO2012142537 A1 20121018	SEABAUGH MATTHEW [US]; IBANEZ SERGIO [US]; SWARTZ SCOTT [US]; NEXTECH MATERIALS LTD [US]	US201161475206P 20110413	H01M8/16	PROTECTIVE COATINGS FOR METAL ALLOYS AND METHODS INCORPORATING THE SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012143118 A1 20121026	TOPSOE FUEL CELL AS [DK]; LARSEN GUTZON JOERGEN [DK]; KLITHOLM SOEREN CLIVER [DK]; CHRISTIANSEN NIELS [DK]	DK20110000310 20110420	H01M8/02	PROCESS FOR SURFACE CONDITIONING OF A PLATE OR SHEET OF STAINLESS STEEL AND APPLICATION OF A LAYER ONTO THE SURFACE, INTERCONNECT PLATE MADE BY THE PROCESS AND USE OF THE INTERCONNECT PLATE IN FUEL CELL STACKS
WO2012143152 A1 20121026	BOSCH GMBH ROBERT [DE]; DOEGE VOLKER [DE]	DE20111007606 20110418	H01M8/04; B60H1/00; G05D23/00; H01G2/08; H01M10/50	METHOD AND DEVICE FOR HOMOGENISING THE TEMPERATURE DISTRIBUTION OF OBJECTS WHICH ARE TEMPERATURE-CONTROLLED BY FLUID
WO2012143211 A2 20121026	SIEMENS AG [DE]; HAHN ALEXANDER [DE]; HERTSCH HAGEN [DE]; HUBER NORBERT [DE]; CORDES RALF [DE]; DENNERLEIN KLAUS [DE]; KUEHN CAROLA [DE]	DE20111007759 20110420	C25B9/20; C25B9/203	ELECTROLYSIS CELL HAVING A LAMINATED CORE OF LAMINATIONS WHICH ARE STACKED ONE ON TOP OF THE OTHER WITH RECESSES, AND METHOD FOR MANUFACTURING AND OPERATING SAME
WO2012143417 A1 20121026	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DELAHAYE THIBAUD [FR]; RIEU MATHILDE [FR]	FR20110053522 20110422	H01M8/12; C25B1/04; H01M4/04; H01M4/86; H01M8/10; H01M8/24	METHOD OF PREPARING AN ELECTROCHEMICAL HALF-CELL
WO2012143428 A1 20121026	COMMISSARIAT ENERGIE ATOMIQUE [FR]; TECHNETICS GROUP FRANCE SAS [FR]; PALERMO FRANCOIS [FR]; BRUGUIERE LIONEL [FR]	FR20110053519 20110422	F16J15/12; H01M8/24	METAL SEAL HAVING CERAMIC CORE



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012143489 A1 20121026	EADS DEUTSCHLAND GMBH [DE]; AIRBUS OPERATIONS GMBH [DE]; STEINWANDEL JUERGEN [DE]; WOLFF CHRISTIAN [DE]; HOFFJANN CLAUS [DE]	DE20111018448 20110421; US201161477703P 20110421	H01M8/04; H01M8/06; H01M8/24	DRIVE UNIT, METHOD FOR PROVIDING POWER, AND USE OF A DRIVE UNIT
WO2012143781 A1 20121026	TOYOTA MOTOR CO LTD [JP]; TOYOTA AUTO BODY CO LTD [JP]; MAEDA ATSUSHI [JP]; SUGITA KAZUMI [JP]; IDA ATSUSHI [JP]; MORIKAWA SHINGO [JP]; HASHIMOTO KEIJI [JP]; FUTAMI SATOSHI [JP]	JP20110093651 20110420	H01M8/04; H01M8/02; H01M8/10	FUEL CELL AND MANUFACTURING METHOD OF EXPANDED METAL
WO2012144119 A1 20121026	NGK SPARK PLUG CO [JP]; OHNO TAKESHI [JP]; NISHIJIMA DAI [JP]	JP20110094249 20110420	H01M8/02; H01M4/86; H01M8/12	FUEL BATTERY CELL AND FUEL BATTERY
WO2012144385 A1 20121026	TOYOTA AUTO BODY CO LTD [JP]; TOYOTA MOTOR CO LTD [JP]; HASHIMOTO KEIJI [JP]; KAWAJIRI KOUSUKE [JP]; FUTAMI SATOSHI [JP]	JP20110092229 20110418	H01M8/02; H01M8/10	FUEL CELL
WO2012144390 A1 20121026	PANASONIC CORP [JP]; ITO TORU; YAMAMOTO HIROSHI	JP20110094271 20110420	H01M8/02	FUEL CELL SEPARATOR MANUFACTURING METHOD, FUEL CELL SEPARATOR MANUFACTURED BY SAID METHOD, AND FUEL CELL SEPARATOR MANUFACTURING COMPRESSION MOLDING DIE USED IN SAID METHOD

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012144445 A1 20121026	SUZUKI MOTOR CORP [JP]; IKEYA KENGO [JP]	JP20110091873 20110418	B60H1/14; B60H1/00; B60H1/22; B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
WO2012144484 A1 20121026	TOKAI RUBBER IND LTD [JP]; YAMAMOTO KENJI [JP]; KADONO HIDEYA [JP]; TANAHASHI HIDEAKI [JP]; SHIMIZU TAKAYUKI [JP]	JP20110092159 20110418; JP20110092165 20110418	H01M8/02	ADHESIVE SEALING MEMBER FOR FUEL CELLS
WO2012144600 A1 20121026	HITACHI METALS LTD [JP]; YASUDA NOBUTAKA [JP]; UEHARA TOSHIHIRO [JP]; TANAKA SHIGENORI [JP]; YAMAMURA KAZUHIRO [JP]	JP20110096264 20110422	C22C38/00; C22C38/50; H01M8/02; H01M8/12	STEEL FOR SOLID OXIDE FUEL CELLS HAVING EXCELLENT OXIDATION RESISTANCE, AND MEMBER FOR SOLID OXIDE FUEL CELLS USING SAME
WO2012144675 A1 20121026	INST RES & INDUSTRY COOPERATION PUSAN NAT UNIVERSITY [KR]; JEON CHUNG HWAN [KR]; KIM JONG-PIL [KR]; KIM SEUNG MO [KR]	WO2011KR02948 20110422	H01M8/06; C01B31/18; C10J3/00; H01M8/04; H01M8/12	SOLID OXIDE FUEL CELL SYSTEM EQUIPPED WITH CARBON MONOXIDE GENERATOR USING ULTRACLEAN COAL OR GRAPHITE
WO2012144960 A1 20121026	PROGRESSIVE SOLUTIONS & UPGRADES S R O [SK]	SK20110005022 20110421	C25B1/04; C25B15/08; H01M8/06	A COMBINED MAGNETOHYDRODYNAMIC AND ELECTROCHEMICAL METHOD AND FACILITY FOR NAMELY ELECTRIC POWER GENERATION
WO2012144974 A1 20121026	UTC POWER CORP [US]; SHAO MINHUA [US]	WO2011US32849 20110418	H01M4/92; B01J23/44; B01J35/02; H01M8/02	SHAPE CONTROLLED CORE-SHELL CATALYSTS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012145211 A1 20121026	EVEREADY BATTERY INC [US]; ZHENG GUANGHONG [US]; STIMITS JASON L [US]	US201161477641P 20110421	H01M8/06; C01B3/06; C01B6/04; C01B33/06; H01M8/04	HYDROGEN GENERATOR WITH IMPROVED VOLUME EFFICIENCY
WO2012146520 A1 20121101	COMMISSARIAT ENERGIE ATOMIQUE [FR]; UNIV KING SAUD [SA]; FOUDA-ONANA FREDERIC [FR]; GUILLET NICOLAS [FR]	FR20110053606 20110427	C25D3/50; C25D3/52; H01M4/86; H01M8/10	METHOD FOR GROWING METAL PARTICLES BY ELECTRODEPOSITION WITH IN SITU INHIBITION
WO2012146646 A1 20121101	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DROUHAULT DELPHINE [FR]; NIVELON PIERRE [FR]	FR20110053607 20110427	H01M8/04; H01M8/02; H01M8/10; H01M8/24	FUEL CELL, THE OVERALL SIZE OF WHICH IS REDUCED
WO2012146897 A1 20121101	UNIV NOTTINGHAM [GB]; ANDRESEN JOHN [GB]; PORCU LAURA [GB]	GB20110006929 20110426	H01M4/86; C12N11/08; H01M4/92; H01M8/16	AN ANODE AND CATHODE FOR A MICROBIAL FUEL CELL AND A MICROBIAL FUEL CELL INCORPORATING THE ANODE OR CATHODE
WO2012147157 A1 20121101	HITACHI LTD [JP]; ISHIKAWA TAKAO [JP]; NOUJIMA MASAFUMI [JP]; SHIMADA ATSUSHI [JP]	WO2011JP60137 20110426	C25B1/04; C01B3/00; F03D9/02; H01M8/06; H01M8/10; H01M8/12	ENERGY STORAGE/SUPPLY APPARATUS
WO2012147269 A1 20121101	PANASONIC CORP [JP]; OISHI HITOSHI; FUJII MASASHI; MIYAUCHI SHINJI; ZHANG RUI	JP20110101096 20110428	H01M8/04; F24H1/00; H01M8/00	POWER GENERATION SYSTEM
WO2012147283 A1 20121101	PANASONIC CORP [JP]; UKAI KUNIIHIRO; FUJIHARA SEIJI; TAKEUCHI TOMOYA; HARADA CHIE	JP20110097853 20110426	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012147317 A1 20121101	PANASONIC CORP [JP]; UKAI KUNIHICO; TAKEUCHI TOMOYA	JP20110097856 20110426; JP20110097857 20110426	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR, FUEL CELL SYSTEM, AND METHOD OF OPERATING SAME
WO2012147318 A1 20121101	SANYO ELECTRIC CO [JP]; KIBUNE KENJI [JP]	JP20110102186 20110428	H01M8/04	FUEL CELL SYSTEM AND CONTROL METHOD THEREOF
WO2012147406 A1 20121101	SUZUKI MOTOR CORP [JP]; MATSUMOTO SHIRO [JP]; OZAWA NAOKI [JP]; EGUCHI TORU [JP]; DAVIES DAMIAN PATRICK [GB]	JP20110100934 20110428	B60K11/06; B60K1/04; B60K8/00; B60L11/18; H01M8/00; H01M8/04	FUEL CELL VEHICLE
WO2012147419 A1 20121101	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; TSUKAMOTO KEIJI [JP]	JP20110101244 20110428	H01M8/04	FUEL CELL MODULE
WO2012147420 A1 20121101	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; YOKOKAWA AYATOSHI [JP]	JP20110101252 20110428	H01M8/06; H01M8/04	FUEL CELL SYSTEM
WO2012147859 A1 20121101	TODA KOGYO CORP [JP]; HONMYO TORAYUKI [JP]; TAKAHASHI SHINJI [JP]; HISAYUKU YURIE [JP]	JP20110099296 20110427	B01J23/78; B01J23/755; B01J23/89; C01B3/40; H01M8/06	CATALYST FOR BREAKING DOWN HYDROCARBONS, AND FUEL CELL SYSTEM
WO2012148093 A2 20121101	KOMICCO CO LTD [KR]; HAN KI MOON [KR]; CHOI SONG HO [KR]; LIM CHONG SIK [KR]	KR20110038469 20110425	H01M8/12; H01M8/02	CONNECTING MATERIAL FOR A PIPE-SHAPED SOLID OXIDE FUEL CELL, AND PIPE-SHAPED SOLID OXIDE FUEL CELL STACK INCLUDING SAME
WO2012148378 A1 20121101	UTC POWER CORP [US]; RAMASWAMY SITARAM [US]	WO2011US33848 20110426	H01M8/04; F25D17/02; H01M8/10	INTERNAL STEAM GENERATION FOR FUEL CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012150174 A1 20121108	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]; BRINNER ANDREAS [DE]	DE20111050033 20110502	H01M8/24; H01M8/10	KIT FOR A MODULARLY CONSTRUCTED FUEL CELL APPARATUS WITH PHYSICALLY IDENTICAL MODULE HOUSINGS FOR DIFFERENT SYSTEM COMPONENTS
WO2012150629 A1 20121108	TOYOTA MOTOR CO LTD [JP]; KATANO KOJI [JP]; ARISAWA HIROSHI [JP]; SEKINE HIROYUKI [JP]; NAKAMURA IKUHIRO [JP]	WO2011JP60533 20110502	B60K8/00; B60K1/04; B60L11/18; H01M8/00	FUEL CELL VEHICLE
WO2012150630 A1 20121108	TOYOTA MOTOR CO LTD [JP]; IMANISHI HIROYUKI [JP]; MANABE KOTA [JP]	WO2011JP60537 20110502	H01M8/04	FUEL CELL SYSTEM
WO2012150674 A1 20121108	SUZUKI MOTOR CORP [JP]; OZAWA NAOKI [JP]; EGUCHI TORU [JP]	JP20110102815 20110502	B60K1/04; B60K8/00; H01M8/00; H01M8/04	FUEL CELL VEHICLE
WO2012150738 A1 20121108	RM TECH CO LTD [KR]; CHOI CHAN- SOO [KR]	KR20110042226 20110504	C02F3/28; C02F3/34; H01M8/04; H01M8/16	METHOD FOR HEAVY METAL ELIMINATION OR PRECIOUS METAL RECOVERY USING MICROBIAL FUEL CELL
WO2012150917 A1 20121108	UTC POWER CORP [US]; SAITO KAZUO [US]; RAMASWAMY SITARAM [US]; YOKOSE MASAKI M [US]; PHILLIPS RICHARD R [US]; PERRY MICHAEL L [US]; GOODRICH CATHERINE M [US]	WO2011US00789 20110504	H01M8/02; F25D17/00; F25J1/00; H01M8/04	FREEZE-RESISTANT FUEL CELL CONDENSERS

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012150923 A1 20121108	UTC POWER CORP [US]; LAKE JEFFREY G [US]; GUO YU [CN]; DENG XIANGYANG [CN]; SHI YING [CN]; YU LEI [CN]; HIRKO GEORGE S [US]; ZHANG VICKY [CN]; GUTHRIE ROBIN J [US]; BHADANGE SUSHANT S [US]; MELOUGH ANDREW JOSEPH [US]	WO2011US34716 20110502	H01M8/04; H01M8/02; H01M8/24	ENERGY DISSIPATION DEVICE FOR CONTROLLING FLOW OF A FUEL CELL FLUID
WO2012152623 A1 20121115	COMMISSARIAT ENERGIE ATOMIQUE [FR]; POIROT CROUVEZIER JEAN-PHILIPPE [FR]	FR20110053955 20110509	H01M8/04; H01M8/10; H01M8/24	MULTIPLE INJECTION FUEL CELL AND OPERATING METHOD THEREOF
WO2012152624 A1 20121115	COMMISSARIAT ENERGIE ATOMIQUE [FR]; POIROT CROUVEZIER JEAN-PHILIPPE [FR]	FR20110053956 20110509	H01M8/02; H01M8/24	FUEL CELL COMPRISING MANIFOLDS HAVING INDIVIDUAL INJECTOR SEALS
WO2012153172 A1 20121115	BASF SE [DE]; BASF CHINA CO LTD [CN]; FLEISCHHAKER FRIEDERIKE [DE]; BELACK JOERG [US]; GRONWALD OLIVER [DE]	EP20110165534 20110510	C08J5/18; C08J7/14; H01M4/00; H01M8/10	MECHANICALLY STABILIZED POLYAZOLES CONTAINING AT LEAST ONE POLYVINYL ALCOHOL
WO2012153446 A1 20121115	NGK SPARK PLUG CO [JP]; OHNO TAKESHI [JP]; ISHIDA SATORU [JP]; SUMI HIROSHI [JP]	JP20110105827 20110511	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL
WO2012153453 A1 20121115	PANASONIC CORP [JP]; OKANISHI TAKEOU [JP]; YAMAUCHI MASAKI; SUGAWARA YASUSHI; TSUJI YOICHIRO	JP20110107444 20110512	H01M8/02; F16J15/10; H01M8/10	POLYMER ELECTROLYTE FUEL CELL AND METHOD FOR PRODUCING SAME
WO2012153482 A1 20121115	PANASONIC CORP [JP]; SHIOSAKI KEISUKE; TATSUI HIROSHI; MORITA JUNJI [JP]; YUKIMASA AKINORI; WAKAMATSU HIDETOSHI; INOUE ATSUTAKA	JP20110103421 20110506; JP20110103422 20110506	H01M8/04; H01M8/00	POWER GENERATION SYSTEM, AND METHOD FOR OPERATING SAME

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012153483 A1 20121115	PANASONIC CORP [JP]; MORITA JUNJI [JP]; TATSUI HIROSHI; YUKIMASA AKINORI; INOUE ATSUTAKA; WAKAMATSU HIDETOSHI	JP20110103420 20110506	H01M8/06; C01B3/38; H01M8/04	POWER GENERATOR AND OPERATING METHOD FOR SAME
WO2012153484 A1 20121115	PANASONIC CORP [JP]; INOUE ATSUTAKA; TATSUI HIROSHI; MORITA JUNJI [JP]; YUKIMASA AKINORI; WAKAMATSU HIDETOSHI	JP20110103479 20110506	H01M8/06; H01M8/00; H01M8/04	FUEL CELL SYSTEM AND METHOD FOR OPERATING SAME
WO2012153902 A1 20121115	KOREA ENERGY RESEARCH INST [KR]; PARK JONG-SOO [KR]; HWANG KYUNG-RAN [KR]; RYI SHIN-KUN [KR]; LEE CHUN-BOO [KR]; LEE SUNG-WOOK [KR]	KR20110043542 20110509	C01B3/38; B01J19/00; C01B3/50; H01M8/06	APPARATUS FOR REFORMING A HYDROCARBON USING A MICRO-CHANNEL HEATER
WO2012153915 A2 20121115	KOREA RES INST CHEM TECH [KR]; HONG YOUNG TAIK [KR]; KIM TAE HO [KR]; YOON YOUNG JUN [KR]; YOON KYUNG SEOK [KR]; YU DUK MAN [KR]	KR20110043992 20110511	H01M4/88; B32B37/10; H01M8/02; H01M8/10	METHOD FOR MANUFACTURING A MEMBRANE-ELECTRODE ASSEMBLY FOR A POLYMER ELECTROLYTE, AND MEMBRANE-ELECTRODE ASSEMBLY MANUFACTURED THEREBY
WO2012154692 A1 20121115	MOLYCORP MINERALS LLC [US]; CABLE ROBERT [US]; PERROTTA ANTHONY J [US]; HASSLER CARL; BURBA JOHN	US201161483570P 20110506; US201161484137P 20110509	H01M8/22	LANTHANIDE-MEDIATED WATER SPLITTING PROCESS FOR HYDROGEN AND OXYGEN GENERATION
WO2012156957 A2 20121122	CAVALLI STEFANO [IT]	IT2011VR00109 20110519	H01M8/04	METHOD OF CONTROLLING AND MAXIMIZING THE ELECTRIC EFFICIENCY AND THE POWER OUTPUT OF A FUEL CELL
WO2012157184 A1 20121122	PANASONIC CORP [JP]; MITSUI MASAKI; KOZU KATSUMI	JP20110108002 20110513	H01M8/04; H01M8/06; H01M8/10	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012157188 A1 20121122	PANASONIC CORP [JP]; NAGATOMO KENJI; YOKOHATA MITSUO	JP20110108009 20110513	G01F1/00; F23K5/00; F23N5/18; G01F3/22; H01M8/04	FLOW RATE MEASUREMENT DEVICE
WO2012157193 A1 20121122	PANASONIC CORP [JP]; TAMURA SATORU; NOMURA TAKAIKI; SUZUKI TAKAHIRO; TOKUHIRO KENICHI; TANIGUCHI NOBORU; HATO KAZUHITO; MIYATA NOBUHIRO	JP20110109830 20110516	C25B11/06; B01J35/02; C01B3/04; C25B1/04; C25B9/00; H01M8/00; H01M8/06	PHOTOELECTRODE AND METHOD FOR PRODUCING SAME, PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME, AND HYDROGEN GENERATION METHOD
WO2012157266 A1 20121122	PANASONIC CORP [JP]; KAWABATA NORIHIKO; MORIMOTO TAKASHI; SHIBATA SOICHI	JP20110110659 20110517	H01M8/02; H01M8/10; H01M8/24	SOLID POLYMER FUEL CELL
WO2012157361 A1 20121122	NISSAN MOTOR [JP]; KUMADA MITSUNORI; MAKINO SHINICHI; ASAI YOSHITOMO	JP20110111267 20110518	H01M8/04; B60L11/18; H01M8/00	FUEL CELL SYSTEM
WO2012157395 A1 20121122	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; TSUKAMOTO KEIJI [JP]	JP20110108098 20110513	H01M8/04; H01M8/06; H01M8/24	FUEL CELL MODULE
WO2012157396 A1 20121122	HONDA MOTOR CO LTD [JP]; OGAWA TETSUYA [JP]; YOKOKAWA AYATOSHI [JP]	JP20110108099 20110513	H01M8/04; H01M8/06; H01M8/24	FUEL CELL SYSTEM
WO2012157401 A1 20121122	HONDA MOTOR CO LTD [JP]; KIYOHIRO YUKIHIKO [JP]	JP20110112374 20110519	H01M8/04; H01M8/06	FUEL CELL SYSTEM



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012157506 A1 20121122	UNIV KUMAMOTO NAT UNIV CORP [JP]; TOMINAGA MASATO [JP]; SAKAMOTO SHINGO [JP]; FUKAMICHI YUICHI [JP]; IWAOKA AYAKO [JP]; HASHIGUCHI TERUTAKA [JP]; TOGAMI MAKOTO [JP]; WATANABE NORIAKI [JP]	JP20110108659 20110513	B82B1/00; B82Y30/00; B82Y40/00; C01B31/02; G01N27/30; H01B1/24; H01L31/04; H01L35/30; H01M8/16; H01M14/00	CARBON NANOTUBE COMPOSITE ELECTRODE AND METHOD FOR MANUFACTURING SAME
WO2012157712 A1 20121122	NAKAYAMA STEEL WORKS LTD [JP]; UNIV TOHOKU [JP]; KURAHASHI RYUROU [JP]; MIMURA TSUNEHIRO [JP]; AMIYA KENJI [JP]; SAOTOME YASUNORI [JP]	JP20110112109 20110519	C22C45/04	AMORPHOUS ALLOY WITH EXCELLENT CORROSION RESISTANCE AND EXCELLENT ELECTRICAL CONDUCTIVITY, AND USE THEREOF
WO2012157735 A1 20121122	KYOCERA CORP [JP]; ONO TAKASHI [JP]	JP20110111574 20110518; JP20110143109 20110628; JP20110111573 20110518; JP20110163346 20110726	H01M8/04; H01M8/00; H01M8/12	FUEL CELL DEVICE
WO2012157748 A1 20121122	TOTO LTD [JP]; SHIONO MITSUNOBU [JP]; FURUYA SEIKI [JP]; TAKASHIO MINORU [JP]; ANDO SHIGERU [JP]; SHIRAHAMA HIROSHI [JP]; SHIMAZU MEGUMI [JP]; KAWAKAMI AKIRA [JP]	JP20110111262 20110518	H01M4/86; H01M8/12	SOLID OXIDE TYPE FUEL BATTERY CELL AND METHOD FOR FABRICATING SOLID OXIDE TYPE FUEL BATTERY CELL

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012157834 A1 20121122	UNIV YONSEI IACF [KR]; KIM HANSUNG [KR]; OH JONGGIL [KR]	KR20110045164 20110513	H01M4/88; B01J21/18; B01J37/02; H01M4/90; H01M8/02	METHOD FOR MANUFACTURING AN ALLOY CATALYST FOR A FUEL CELL USING SILICA COATING
WO2012158941 A2 20121122	PENN STATE RES FOUND [US]; KIM YOUNGGY [CA]; CUSICK ROLAND D [US]; LOGAN BRUCE [US]	US201261598635P 20120214; US201161544067P 20111006; US201161487107P 20110517	H01M8/16; C12P5/00; C25B13/00; H01M8/02	REVERSE ELECTRODIALYSIS SUPPORTED MICROBIAL FUEL CELLS AND MICROBIAL ELECTROLYSIS CELLS
WO2012159581 A1 20121129	SHENZHEN JINFAN POWER CO LTD [CN]; ZHENG DONGDONG [CN]	CN20111136369 20110525	H01M8/18; H01M8/02	METHOD FOR SEALING VANADIUM REDOX FLOW BATTERY STACK, AS WELL AS STACK UNIT AND VANADIUM REDOX FLOW BATTERY STACK
WO2012159705 A1 20121129	DAIMLER AG [DE]; MUETSCHLE ARMIN [DE]	DE201110102336 20110525	H01M8/04; B01D5/00	RECIRCULATION UNIT FOR A FUEL CELL SYSTEM
WO2012159818 A1 20121129	ANTECY B V [NL]; O'CONNOR PAUL [NL]; VAN PUTTEN GERRIT [NL]; RASSER JACOBUS CORNELIS [US]; MARINIC SASA [NL]	US201161473829P 20110411	H01M8/06; H01M8/10; H01M8/18; H01M16/00	SELF-CONTAINED SOLAR-POWERED ENERGY SUPPLY AND STORAGE SYSTEM
WO2012159931 A1 20121129	ALSTOM TECHNOLOGY LTD [CH]; BOVE ROBERTO [CH]	GB20110008616 20110523	H01M8/04; H01M8/14	FOSSIL FUEL POWER PLANT WITH INTEGRATED CARBON SEPARATION FACILITY
WO2012160162 A1 20121129	COMMISSARIAT ENERGIE ATOMIQUE [FR]; DROUHAULT DELPHINE [FR]; NIVELON PIERRE [FR]	FR20110054607 20110526	H01M8/04; H01M8/02; H01M8/24	FUEL CELL WITH IMPROVED THERMAL MANAGEMENT
WO2012160406 A1 20121129	KAMPANATSANYAKORN KRISADA [TH]; KACHANADUL PIRIYATHEP [TH]; HOLASUT SURADIT [TH]	WO2011IB01141 20110526	H01M8/04; H01M8/18	METHOD OF CONDUCTING AN ALL VANADIUM REDOX FLOW BATTERY AND IMPLEMENTING SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012160517 A1 20121129	CENTRE NAT RECH SCIENT [FR]; MANO NICOLAS [FR]; DURAND FABIEN [FR]	FR20110054526 20110524	C12N9/00; C12N15/53; C12N15/81; C12Q1/00; C12Q1/26; G01N21/78; G01N27/327; G01N33/72; H01M4/86; H01M4/90; H01M8/16	BILIRUBIN OXIDASE FROM MAGNAPORTHE ORYZAE AND APPLICATIONS THEREOF
WO2012160779 A1 20121129	SANYO ELECTRIC CO [JP]; FUJITA GORO [JP]; SUZUKI HIROAKI [JP]	JP20110113545 20110520	H01M8/02; H01M8/10	FUEL CELL
WO2012160790 A1 20121129	PANASONIC CORP [JP]; TAGUCHI KIYOSHI; TAKEUCHI TOMOYA; UKAI KUNIHIRO	JP20110116213 20110524	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATING DEVICE AND FUEL CELL SYSTEM
WO2012160957 A1 20121129	UNIV TOKYO [JP]; PANASONIC CORP [JP]; HASHIMOTO KAZUHITO [JP]; WATANABE KAZUYA [JP]; ZHAO YONG [JP]; KAMIYA KAZUHIDE [JP]; NAKANISHI SHUJI [JP]; SUZUKA MICHIO [JP]; KAMAI RYO [JP]	JP20110275678 20111216; JP20110116146 20110524	H01M4/90; B01J31/06; B01J37/04; B01J37/08; H01M4/88; H01M8/10; H01M8/16	ELECTRODE CATALYST AND METHOD FOR PRODUCING SAME
WO2012161055 A1 20121129	NAT UNIV CORP NAGOYA INST TECH [JP]; TOYOTA MOTOR CO LTD [JP]; FUJI MASAYOSHI [JP]; SHIRAI TAKASHI [JP]; MATSUSHITA YUKI [JP]	JP20110114941 20110523; JP20110256778 20111124	H01M10/0562; C01B25/45; C01G33/00; H01M6/18; H01M8/02; H01M8/10	PRODUCTION METHOD FOR MATERIAL EMPLOYED IN ENERGY DEVICE AND/OR ELECTRICAL STORAGE DEVICE, AND MATERIAL EMPLOYED IN ENERGY DEVICE AND/OR ELECTRICAL STORAGE DEVICE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012161206 A1 20121129	SHARP KK [JP]; TAKENAKA SHINOBU; KOMODA MUTSUKO; YOSHIE TOMOHISA; MIZUHATA HIROTAKA; ONISHI TAKENORI; MURAOKA MASASHI	JP20110115874 20110524	H01M8/02; H01M8/04; H01M8/10	FUEL CELL
WO2012161217 A1 20121129	JX NIPPON OIL & ENERGY CORP [JP]; UNNO TOSHIYUKI [JP]; YOKOYAMA SHOU [JP]	JP20110114747 20110523	H01M8/06; H01M8/04	FUEL CELL SYSTEM
WO2012161335 A1 20121129	TEIJIN LTD [JP]; TOKYO INST TECH [JP]; CHOKAI MASAYUKI [JP]; KIDO NOBUAKI [JP]; NABAE YUTA [JP]; KAKIMOTO MASA-AKI [JP]; MYATA SEIZO [JP]	JP20110115016 20110523	B01J27/24; B01J35/08; B01J37/06; B01J37/08; C01B31/02; H01M4/90	PARTICULATE CARBON CATALYST AND METHOD FOR PRODUCING SAME
WO2012161503 A2 20121129	UNIV KOREA RES & BUS FOUND [KR]; KIM JUNGBAE [KR]; LEE JINWOO [KR]; JEON CHULMIN [KR]; SHIM JONGMIN [KR]	KR20110048439 20110523	H01M8/16; B82B3/00; H01M4/86; H01M8/02	MANUFACTURING METHOD FOR CATALYST ELECTRODE, CATALYST ELECTRODE MANUFACTURED BY MEANS OF METHOD, AND BATTERY COMPRISING SAME
WO2012161684 A1 20121129	HUTER PAUL B [US]	WO2011US37483 20110522	H01M8/06	FUEL CELL POWERED JET ENGINE
WO2012161934 A1 20121129	SAUDI ARABIAN OIL CO [SA]; ARAMCO SERVICES CO [US]; HAMMAD AHMAD D [SA]; HAMAD ESAM ZAKI [SA]; ELANANY MOHAMED SABER MOHAMED [SA]	US201113114167 20110524	H01M8/02; B05D1/36; C10G45/00; C10G45/04; H01M4/86	ELECTROCHEMICAL PROMOTION OF CATALYSIS IN HYDRODESULFURIZATION PROCESSES
WO2012162393 A1 20121129	UNIV KENTUCKY RES FOUND [US]; LIPKA STEPHEN M [US]; SWARTZ CHRISTOPHER R [US]	US201161489072P 20110523	H01M8/18; H01M8/20	HYBRID FLOW BATTERY AND Mn/Mn ELECTROLYTE SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012163226 A1 20121206	UNIV CHINA GEOSCIENCES WUHAN [CN]; CHENG HANSONG [CN]; YANG MING [CN]; NI GANG [CN]; HAN CHAOQUN [CN]; HAN BO [CN]; WU JINPING [CN]	CN20111139200 20110527	H01M8/08; C25B1/04	HYDROGEN ENERGY-BASED INTEGRATED SYSTEM FOR ENERGY STORAGE AND ENERGY SUPPLY
WO2012163227 A1 20121206	UNIV CHINA GEOSCIENCES WUHAN [CN]; CHENG HANSONG [CN]; NI GANG [CN]; YANG MING [CN]; HAN CHAOQUN [CN]; HAN BO [CN]; WANG SHENGPING [CN]; WU JINPING [CN]	CN20111139186 20110527; CN20111139197 20110527; CN20111139173 20110527	H01M8/18	HYDROGEN STORAGE LIQUID ORGANIC MATERIAL-BASED DIRECT FUEL CELL AND SYSTEM FOR ENERGY STORAGE AND ENERGY SUPPLY
WO2012163383 A1 20121206	DAIMLER AG [DE]; LINDENAU DIRK [DE]; SCOLARI MATTEO [DE]	DE201110106767 20110601	H01M8/02; H01M8/10	ELECTROLYTE MEMBRANE ASSEMBLY FOR A FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF
WO2012163842 A1 20121206	COMMISSARIAT ENERGIE ATOMIQUE [FR]; VINCENT REMI [FR]; POIROT CROUVEZIER JEAN-PHILIPPE [FR]; SCHOTT PASCAL [FR]	FR20110054714 20110530	H01M8/02; H01M8/10; H01M8/24	FUEL CELL LIMITING THE PHENOMENON OF CORROSION
WO2012164313 A1 20121206	ITM POWER RESEARCH LTD [GB]; MALCOLMSON RYAN [GB]; GREENHALGH DANIEL [GB]	GB20110009281 20110602	H01M8/10	HIGH WATER-CONTENT MEMBRANES
WO2012164658 A1 20121206	TOYOTA MOTOR CO LTD [JP]; IMANISHI HIROYUKI [JP]; MANABE KOTA [JP]	WO2011JP62358 20110530	H02M3/155; H01M8/04	FUEL BATTERY SYSTEM
WO2012164816 A1 20121206	PANASONIC CORP [JP]; KITA HIROMI; MAENISHI AKIRA; NOBUOKA MASAKI	JP20110118568 20110527	C01B3/38; C01B3/48; H01M8/06	HYDROGEN GENERATOR AND FUEL CELL SYSTEM
WO2012164897 A1 20121206	PANASONIC CORP [JP]; HARADA CHIE; WAKITA HIDENOBU; FUJIHARA SEIJI; NAKAJIMA TOMOYUKI; UKAI KUNIHICO	JP20110119060 20110527	C01B3/38; H01M8/04; H01M8/06	HYDROGEN-GENERATING DEVICE, METHOD FOR OPERATING SAME, AND FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012165073 A1 20121206	NISSAN MOTOR [JP]; NISHIMURA HIDETAKA; ICHIKAWA YASUSHI	JP20110124220 20110602	H01M8/04	FUEL CELL SYSTEM
WO2012165075 A1 20121206	MURATA MANUFACTURING CO [JP]; INAOKA MASATO [JP]; TOMOSHIGE YOSUKE [JP]; MIZUKAMI KIMIHIRO [JP]	JP20110124929 20110603	H01M8/24; H01M8/04; H01M8/06; H01M8/12	FUEL CELL MODULE
WO2012165077 A1 20121206	NISSAN MOTOR [JP]; IWAKIRI YASUNORI; IZUMI TAKAO	JP20110123128 20110601	C01B3/38; H01M8/06	REFORMER
WO2012165097 A1 20121206	KONICA MINOLTA HOLDINGS INC [JP]; OHMORI HIROKO [JP]; OKANO TAKAYUKI [JP]	JP20110123257 20110601	H01M8/04; H01M8/06; H01M8/12	SECONDARY BATTERY TYPE FUEL CELL SYSTEM
WO2012165245 A1 20121206	KONICA MINOLTA HOLDINGS INC [JP]; OKANO TAKAYUKI [JP]; UEYAMA MASAYUKI [JP]; URATANI SHOICHI [JP]; OHMORI HIROKO [JP]	JP20110125700 20110603	H01M8/04; H01M8/00; H01M8/06	RECHARGEABLE BATTERY-TYPE FUEL CELL SYSTEM
WO2012165257 A1 20121206	TOYOTA AUTO BODY CO LTD [JP]; TOYOTA MOTOR CO LTD [JP]; HASHIMOTO KEIJI [JP]; KAWAJIRI KOUSUKE [JP]; FUTAMI SATOSHI [JP]; TAKESHITA NAOHIRO [JP]	JP20110120582 20110530	H01M8/02	FUEL CELL SEPARATOR PLATE, FUEL CELL SEPARATOR, FUEL CELL, AND METHOD FOR MANUFACTURING FUEL CELL SEPARATOR PLATE
WO2012165409 A1 20121206	KYOCERA CORP [JP]; HORI YUUICHI [JP]; HARA AKIHIRO [JP]	JP20110120649 20110530	H01M8/02; H01M8/12	SOLID OXIDE FUEL CELL, FUEL CELL STACK SYSTEM, FUEL CELL MODULE, AND FUEL CELL SYSTEM
WO2012165459 A1 20121206	NAT INST OF ADVANCED IND SCIEN [JP]; YAMAZAKI SHIN-ICHI [JP]; YAO MASARU [JP]; SIROMA ZYUN [JP]	JP20110124116 20110602	C01B31/20; B01J31/22; C01B3/38	METHOD AND DEVICE FOR REMOVING CARBON MONOXIDE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012165467 A1 20121206	MURATA MANUFACTURING CO [JP]; TOKYO GAS CO LTD [JP]; TOMOSHIGE YOSUKE [JP]; MIZUKAMI KIMIHIRO [JP]; INAOKA MASATO [JP]; YOSHIDA HIDEKI [JP]; TENBA SHINJI [JP]; OGASAWARA KEI [JP]	JP20110124930 20110603	H01M8/04; H01M8/12	FUEL CELL MODULE
WO2012165492 A1 20121206	SHOWA DENKO KK [JP]; SUZUKI SHUNYA [JP]; IINO TADASHI [JP]; IZUMI ZENICHIRO [JP]	JP20110120635 20110530	H01M8/02; H01M8/10	METHOD FOR MANUFACTURING FUEL- CELL SEPARATOR
WO2012165516 A1 20121206	KYOCERA CORP [JP]; TANIGUCHI EIJI [JP]	JP20110120655 20110530	H01M8/04; H01M8/00	FUEL CELL DEVICE
WO2012165781 A2 20121206	LG CHEMICAL LTD [KR]; CHOI JI YOUNG [KR]; CHUNG CHAE-HO [KR]; LEE BUM-HYUN [KR]; PARK WON CHAN [KR]; CHOI YONG SEOK [KR]	KR20110052262 20110531; KR20120051678 20120515	H01M10/50; H01M2/10; H01M8/04	BATTERY COOLING SYSTEM AND BATTERY RACK APPLIED THERETO
WO2012166040 A1 20121206	METACON AB [SE]; DAHLBERG KURT [SE]	SE20110050502 20110530	H01M8/04	ENERGY GENERATION USING A STACK OF FUEL CELLS
WO2012166391 A2 20121206	FUELCELL ENERGY INC [US]; MORRIS WILLIAM [US]; PRIMERANO MICHAEL [US]; NOVACCO LAWRENCE J [US]	US201113150838 20110601	H01M8/02; H01M8/14	BIPOLAR SEPARATOR ASSEMBLY FOR FUEL CELLS AND METHOD OF MAKING SAME
WO2012167100 A1 20121206	ENERFUEL INC [US]; BETTS DANIEL AUGUSTO [US]	US201161492318P 20110601	H01M8/04	INTEGRATED ENERGY MANAGEMENT SYSTEM INCLUDING A FUEL CELL COUPLED REFRIGERATION SYSTEM
WO2012167542 A1 20121213	DONGFANG ELECTRIC CORP [CN]; TANG HAO [CN]; YIN CONG [CN]; ZHANG ZHANKUI [CN]; WANG RONGGUI [CN]; XIE GUANGYOU [CN]; HU YUNCHENG [CN]	CN20111151029 20110607	H01M8/18	FLOW BATTERY SYSTEM AND REPAIR DEVICE THEREOF

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012168066 A1 20121213	COMMISSARIAT ENERGIE ATOMIQUE [FR]; BUZON DIDIER [FR]; CHATROUX DANIEL [FR]	FR20110055089 20110610	H01M10/48; G01R19/165; G01R31/36; H01M8/04	DEVICE FOR MONITORING THE VOLTAGE OUTPUT BY THE CELLS OF AN ELECTROCHEMICAL GENERATOR
WO2012168130 A1 20121213	SOLVAY SPECIALTY POLYMERS IT [IT]; AVATANEO MARCO [IT]; OLDANI CLAUDIO [IT]; MARCHIONNI GIUSEPPE [IT]	EP20110168756 20110606	H01M8/10; C08J5/22	STABLE ION EXCHANGE FLUORINATED POLYMERS AND MEMBRANES OBTAINED THEREFROM
WO2012168690 A1 20121213	JOHNSON MATTHEY PLC [GB]; ABBOTT PETER EDWARD JAMES [GB]; FOWLES MARTIN [GB]; LARA ANTONIO CHICA [ES]; MACLEOD NORMAN [GB]; PEREZ JUAN JOSE GONZALEZ [ES]; VASS ELAINE MARGARET [GB]	GB20110009376 20110606	B01J23/85; B01J21/06; B01J23/882; B01J23/887; B01J35/02; B01J37/00; B01J37/02; C01B3/16; H01M8/06	WATER-GAS SHIFT CATALYST
WO2012168743 A2 20121213	UNIV SHEFFIELD [GB]; JAFFE STEPHEN R P [GB]; FOWLER GREGORY J S [GB]; PEREIRA-MEDRANO ANA G [GB]; WRIGHT PHILLIP C [GB]	GB20110009756 20110610	C12N1/20	BACTERIA
WO2012169199 A1 20121213	PANASONIC CORP [JP]; MAENISHI AKIRA; WAKITA HIDENOBU; FUJIHARA SEIJI; NOBUOKA MASAKI; KAWAGUCHI YOUJI; TAGUCHI KIYOSHI; NARITA SATORU; UKAI KUNIHICO	JP20110127870 20110608; JP20110248330 20111114	C01B3/38; H01M8/04; H01M8/06	HYDROGEN GENERATOR, FUEL CELL SYSTEM COMPRISING SAME, AND METHOD FOR OPERATING HYDROGEN GENERATOR
WO2012169287 A1 20121213	NISSAN MOTOR [JP]; AOKI TETSUYA; MATSUMOTO MICHIIHIKO	JP20110126109 20110606; JP20110165322 20110728	H01M8/04; H01M8/10	WET STATE CONTROL DEVICE FOR FUEL CELL



Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012169836 A2 20121213	KOREA IND TECH INST [KR]; CHOI HAN SHIN [KR]; JOO HYE SOOK [KR]	KR20110055459 20110609	H01M4/88; B05D1/04; H01M8/02; H01M8/10	LAMINAR STRUCTURE AND A PRODUCTION METHOD FOR SAME
WO2012170040 A1 20121213	LEONIDA ANDREI [US]	US201113154886 20110607	H01M4/94; H01M8/06	FUEL CELL SYSTEM SUITABLE FOR ORGANIC FUELS AND A METHOD OF OPERATION OF THE SAME
WO2012170844 A2 20121213	BLOOM ENERGY CORP [US]; GOTTMANN MATTHIAS [US]; BALLANTINE ARNE [US]; KARUPPAIAH CHOCKKALINGAM [US]	US201161494937P 20110609	H01M8/04; H01M8/12; H01M8/24	FUEL CELL BYPASS DIODE STRUCTURES AND ATTACHMENT METHODS
WO2012171787 A1 20121220	SIEMENS AG [DE]; HANEBUTH MARC [DE]; KOSSE SYLVIO [DE]; LENK UWE [DE]	DE20111077692 20110617	H01M8/02; H01M8/04; H01M8/12	ELECTRIC ENERGY STORE WITH A WATER RESERVOIR THAT CONTAINS A SORPTION MEANS
WO2012171796 A1 20121220	SIEMENS AG [DE]; HANEBUTH MARC [DE]; KOSSE SYLVIO [DE]; LENK UWE [DE]; BLENDINGER STEFAN [DE]	DE20111077695 20110617	H01M12/08; H01M8/04	ELECTRIC ENERGY STORE
WO2012171918 A1 20121220	COMMISSARIAT ENERGIE ATOMIQUE [FR]; GUILLET NICOLAS [FR]; MAYOUSSE ERIC [FR]	FR20110055351 20110617	C25B1/10; B01D53/32; C25B9/10; C25B13/00; H01M8/10	MEMBRANE/ELECTRODE ASSEMBLY FOR AN ELECTROLYSIS DEVICE
WO2012171925 A1 20121220	COMMISSARIAT ENERGIE ATOMIQUE [FR]; PLANQUE MICHEL [FR]	FR20110055275 20110616	C25B9/04; C25B9/08; C25B9/18; H01M8/02	EASILY PRODUCED INTERCONNECTING MODULE FOR A HIGH-TEMPERATURE WATER ELECTROLYSIS DEVICE
WO2012172401 A1 20121220	TOYOTA MOTOR CO LTD [JP]; TAKEYAMA MAKOTO [JP]; YAGAMI YUICHI [JP]	JP20110133844 20110616	H01M8/24; H01M8/04	VENTILATION STRUCTURE FOR FUEL CELL STACK

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012172678 A1 20121220	TOYOTA MOTOR CO LTD [JP]; ISHIKAWA YUJI [JP]	WO2011JP63898 20110617	H01M8/04	FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
WO2012172823 A1 20121220	SHOWA DENKO KK [JP]; TAKAHASHI AKIRA [JP]; HORIKITA MASAKI [JP]; IMAI TAKUYA [JP]; WAKIZAKA YASUAKI [JP]; SATO TAKASHI [JP]	JP20110132102 20110614	B01J27/24; H01M4/88; H01M4/90; H01M8/10	FUEL CELL ELECTRODE CATALYST AND METHOD FOR PRODUCING SAME
WO2012172989 A1 20121220	NISSAN MOTOR [JP]; KUWATA SHIGEMASA; OKUYAMA YOZO; KODAMA KAZUFUMI	JP20110135078 20110617; JP20120095527 20120419	H01M4/96; H01M4/88; H01M8/10	MICROPOROUS LAYER SHEET FOR FUEL CELLS AND METHOD FOR PRODUCING SAME
WO2012172993 A1 20121220	NISSAN MOTOR [JP]; OKUYAMA YOZO; KUWATA SHIGEMASA; KODAMA KAZUFUMI	JP20110135067 20110617	H01M4/96; H01M4/88; H01M8/10	GAS DIFFUSION LAYER FOR FUEL CELL AND METHOD FOR PRODUCING SAME
WO2012172994 A1 20121220	NISSAN MOTOR [JP]; OKUYAMA YOZO; KUWATA SHIGEMASA; KODAMA KAZUFUMI	JP20110135075 20110617; JP20120095504 20120419	H01M4/96	GAS DIFFUSION LAYER FOR FUEL CELL
WO2012173352 A2 20121220	LG CHEMICAL LTD [KR]; SUNG KYUNG A [KR]; KIM HYUK [KR]; CHOI SEONG HO [KR]; LEE SANG WOO [KR]; NOH TAE GEUN [KR]; KIM DO YOUNG [KR]; MIN MIN KYU [KR]	KR20110058603 20110616	H01M8/02; B82B3/00; D01F2/00; H01M8/10	POLYMER ELECTROLYTE MEMBRANE FOR FUEL CELL, AND MEMBRANE ELECTRODE CONJUGATE AND FUEL CELL COMPRISING SAME
WO2012173990 A1 20121220	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]; LIU ZHIEN [US]; GOETTLER RICHARD [US]	US201113161384 20110615	H01M8/24	FUEL CELL SYSTEM WITH INTERCONNECT
WO2012173997 A2 20121220	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]; GOETTLER RICHARD [US]; LIU ZHIEN [US]	US201113161389 20110615	H01M2/20; H01M8/24	FUEL CELL SYSTEM WITH INTERCONNECT

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012174000 A2 20121220	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]; GOETTLER RICHARD [US]; LIU ZHIEN [US]	US201113161402 20110615	H01M2/20; H01M8/24	FUEL CELL SYSTEM WITH INTERCONNECT
WO2012174002 A2 20121220	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]; LIU ZHIEN [US]	US201113161370 20110615	H01M2/20; H01M8/10; H01M8/24	FUEL CELL SYSTEM WITH INTERCONNECT
WO2012174004 A2 20121220	ROLLS ROYCE FUEL CELL SYSTEMS INC [US]; LIU ZHIEN [US]; GOETTLER RICHARD [US]	US201113161386 20110615	H01M4/64; H01M4/66; H01M8/10	FUEL CELL SYSTEM WITH INTERCONNECT
WO2012174270 A1 20121220	CAMBRIAN INNOVATION INC [US]; HUANG ZHEN [US]; KIELY PATRICK [US]; SILVER MATTHEW [US]; BUCK JUSTIN [US]	US201161496608P 20110614	H01M8/16	BIOLOGICAL OXYGEN DEMAND SENSORS
WO2012174463 A1 20121220	DU PONT [US]; ROELOFS MARK GERRIT [US]; CHOUDHURY BISWAJIT [US]; SIDDIQUI JUNAID AHMED [US]; BANERJEE SHOIBAL [US]	US201161498461P 20110617	H01M8/10	IMPROVED COMPOSITE POLYMER ELECTROLYTE MEMBRANE
WO2012175067 A1 20121227	THYSSENKRUPP VDM GMBH [DE]; HATTENDORF HEIKE [DE]; KUHN BERND [DE]; ECKARDT THOMAS [DE]; BECK TILMANN [DE]; QUADAKKERS WILLEM JOE [NL]; THEISEN WERNER [DE]; NABIRAN NILOFAR [DE]	DE20121004488 20120306; DE201110111703 20110621	C22C38/00; C22C38/22; C22C38/26; H01M8/02	HEAT-RESISTANT IRON-CHROMIUM-ALUMINIUM ALLOY WITH LOW CHROMIUM VAPORIZATION RATE AND ELEVATED THERMAL STABILITY
WO2012175092 A1 20121227	TEKNOLOGISK INST [DK]; KALLESOE CHRISTIAN [DK]; YU YIHUA [DK]; CHRISTENSEN LEIF HOEJSLET [DK]	DK20110070318 20110621	H01M8/10; C08G69/00; C08J5/22; H04R25/00	POLYMER ELECTROLYTE MEMBRANE

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012175784 A1 20121227	WAERTSILAE FINLAND OY [FI]; AASTROEM KIM [FI]	FI20110005669 20110623	H01M8/24; G01R31/40; H01M8/04; H02J7/00	AN OFFSET CONTROL ARRANGEMENT AND METHOD FOR CONTROLLING VOLTAGE VALUES IN A FUEL CELL SYSTEM
WO2012175997 A2 20121227	ACAL ENERGY LTD [GB]; CREETH ANDY [GB]; BAYNES NICK [GB]; POTTER ANDY [GB]	GB20110010585 20110622	H01M4/86; H01M4/88; H01M4/96; H01M8/12	CATHODE ELECTRODE MATERIAL
WO2012176176 A1 20121227	ANSALDO ENERGIA SPA [IT]; CAPOBIANCO PAOLO [IT]; PASSALACQUA BIAGIO [IT]; PERFUMO ANGELO GIOVANNI [IT]	IT2011MI01161 20110624	H01M8/04; H01M8/06; H01M8/14	MULTI-STACK MCFC SYSTEM AND METHOD FOR SEPARATING CO2 FROM COMBUSTION FLUE GAS CONTAINING SOX AND NOX
WO2012176177 A1 20121227	ANSALDO ENERGIA SPA [IT]; PASSALACQUA BIAGIO [IT]; PERFUMO ANGELO GIOVANNI [IT]; CAPOBIANCO PAOLO [IT]	IT2011MI01160 20110624	H01M8/14; H01M8/04; H01M8/06; H01M8/10	SYSTEM AND METHOD FOR SEPARATING CO2 FROM COMBUSTION FLUE GAS CONTAINING SOX AND NOX BY MEANS OF MOLTEN CARBONATE FUEL CELLS (MCFC)
WO2012176341 A1 20121227	NIPPON KODOSHI CORP [JP]; SAWA HARUO [JP]; BARBARO PIERLUIGI [IT]; BIANCHINI CLAUDIO [IT]; LIGUORI FRANCESCA [IT]	WO2011JP65129 20110624	B01J31/16; B01D67/00; B01D69/14; B01J35/06; C08F8/42; H01M8/10	INORGANIC/POLYMERIC HYBRID CATALYTIC MATERIALS CONTAINING METAL NANO-PARTICLES THEREIN
WO2012176488 A1 20121227	NIPPON MEKTRON KK [JP]; HIRATA MASANORI [JP]	JP20110139589 20110623	H01M8/02; H01M8/10	FLEXIBLE CIRCUIT SUBSTRATE, MANUFACTURING METHOD THEREOF, AND FUEL CELL EMPLOYING SAID FLEXIBLE CIRCUIT SUBSTRATE
WO2012176528 A1 20121227	NISSAN MOTOR [JP]; MAKINO SHINICHI; ICHIKAWA YASUSHI; MATSUMOTO MICHIIHIKO; KUMADA MITSUNORI; ASAI YOSHITOMO	JP20110137298 20110621	H01M8/04	FUEL CELL SYSTEM

Número do Pedido	Depositante	Prioridade	Classificação Internacional	Título
WO2012176599 A1 20121227	SHARP KK [JP]; MIZUHATA HIROTAKA; YOSHIE TOMOHISA; KOMODA MUTSUOKO; TAKENAKA SHINOBU; ONISHI TAKENORI; MURAOKA MASASHI	JP20110139256 20110623	H01M8/04	DIRECT ALCOHOL FUEL CELL SYSTEM
WO2012176749 A1 20121227	SANTOKU CORP [JP]; UNIV HOKKAIDO NAT UNIV CORP [JP]; MATSUDA MOTOFUMI [JP]; MUROTA TADATOSHI [JP]; TAKEGUCHI TATSUYA [JP]	JP20110136764 20110620	H01M8/02; C01G49/00; H01B1/06; H01M8/12	SOLID ELECTROLYTE, SOLID ELECTROLYTE MEMBRANE, FUEL BATTERY CELL, AND FUEL BATTERY
WO2012177255 A1 20121227	UTC POWER CORP [US]; MADDEN THOMAS H [US]; PATTERSON TIMOTHY W [US]	WO2011US41548 20110623	H01M8/24; H01M8/02; H01M8/04; H01M8/10	FLOW FIELD CONFIGURATION FOR FUEL CELL PLATE
WO2012177356 A1 20121227	SIEMENS AG [DE]; LU CHUN [US]; LITZINGER KEVIN P [US]	US201113167900 20110624	H01M4/86; H01M8/12; H01M12/00; H01M12/06; H01M12/08	CONSTRUCTION OF PLANAR RECHARGEABLE OXIDE-ION BATTERY CELLS AND STACKS USING STAINLESS STEEL HOUSING STRUCTURES
WO2012177652 A1 20121227	L LIVERMORE NAT SECURITY LLC [US]; COOPER JOHN F [US]	US201161499568P 20110621; US201213525795 20120618	H01M8/14; H01M4/86	PROTECTION OF POROUS CARBON FUEL PARTICLES FROM BOUDOUARD CORROSION
WO2012177855 A1 20121227	CELLERA INC [IL]; PAGE MILES [AU]; DEKEL DARIO [IL]; GOTTESFELD ZIV [IL]; GOTTESFELD SHIMSHON [IL]	US201161500879P 20110624	H01M8/06; H01M8/04; H01M8/10	USE OF AMMONIA AS SOURCE OF HYDROGEN FUEL AND AS A GETTER FOR AIR-CO <sub>2</sub> IN ALKALINE MEMBRANE FUEL CELLS

## ANEXO I - Códigos dos Principais Países

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

Fonte: <http://www.wipo.int/export/sites/www/scit/en/standards/pdf/030301.pdf>, acesso: maio 2013

<sup>1</sup> Organização intergovernamental encarregada 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.

<sup>2</sup> 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 escritórios nacionais dos países receptores deste Acordo. O código “IB” é utilizado para os pedidos depositados via PCT no escritório da Organização Mundial da Propriedade Intelectual (OMPI) atuando como entidade receptora do PCT.

## ANEXO II - Pedidos de patente sem nome do depositante indexado

Número do Pedido	Prioridade	Classificação Internacional
JP5100912B B1 20121219	JP20080296969 20081120; JP20090068841 20090319; JP20120176928 20120809	C01B3/32; C01B3/38; H01M8/04; H01M8/06
JP2012209268 A 20121025	JP20040198916 20040706; JP20120160931 20120719	H01M4/88; H01M8/10
JP5097867B B1 20121212	JP20110227418 20111014; JP20120136509 20120618; JP20120158576 20120717	H01M4/86; H01M8/12
JP2012195311 A 20121011	JP20120156203 20120712	H01M8/24; H01M8/02; H01M8/10
JP2012190816 A 20121004	JP20120150510 20120704	H01M8/02
JP4999123B B2 20120815	JP20090517899 20080605; WO2008JP60392 20080605; JP20070148850 20070605	H01M4/86; C08F8/00; H01M8/10
JP5003980B B2 20120822	WO2008JP60095 20080526; JP20070142424 20070529; JP20080554356 20080526	H01M8/04; H01M8/10
JP5010680B B2 20120829	JP20070123661 20070508; WO2008JP00980 20080414; JP20090513987 20080414	H01M8/24; H01M8/02; H01M8/04; H01M8/10
JP5083313B B2 20121128	JP20090511712 20080314; JP20070111086 20070420; WO2008JP55191 20080314	H01M8/02; H01M8/10; H01M8/24
JP5073737B B2 20121114	JP20070147649 20070604; JP20070068276 20070316; JP20070185209 20070717; WO2008JP54736 20080314; JP20090505197 20080314	H01M8/04; H01M8/06
JP4989661B B2 20120801	JP20070204625 20070806; JP20070056675 20070307; JP20070023799 20070202; JP20070222682 20070829; WO2008JP51592 20080131; JP20080556188 20080131	G01N27/406
JP2012209266 A 20121025	KR20100028670 20100330	H01M4/86; H01M8/12
JP2012209265 A 20121025	JP20050178036 20050617; JP20120143373 20120626	H01M8/02
JP2012209263 A 20121025	JP20120141325 20120622	H01M8/02; H01M4/86; H01M8/10
JP2012209262 A 20121025	JP20120140166 20120621	H01M8/02; H01M8/04
JP2012199249 A 20121018	JP20120137017 20120618	H01M8/04; H01M8/00
JP5108988B B1 20121226	JP20110197997 20110912; JP20120132844 20120612	H01M8/02; H01M8/12
JP2012199246 A 20121018	JP20090083415 20090330; JP20120132478 20120612	H01M8/04; H01M8/00
JP2012209257 A 20121025	JP20120131595 20120611	H01M8/04; B60L11/18; H01M8/00
JP5095878B B1 20121212	JP20110221341 20111005; JP20120131078 20120608	H01M8/02; H01M8/12

Número do Pedido	Prioridade	Classificação Internacional
JP5095877B B1 20121212	JP20110221336 20111005; JP20120131077 20120608	H01M8/02; H01M8/12
JP5108987B B1 20121226	JP20110233945 20111025; JP20120129839 20120607	H01M8/02; H01M8/12; H01M8/24
JP5066630B B1 20121107	JP20120128780 20120606; JP20110233931 20111025	H01M8/02; H01M8/24
JP2012190811 A 20121004	JP20120127854 20120605	H01M8/04
JP2012190810 A 20121004	JP20120122720 20120530	H01M8/04
JP2012197223 A 20121018	US20050051202 20050203	C03C8/24; C03C8/02
JP5097865B B1 20121212	JP20110227417 20111014; JP20120114590 20120518	H01M4/86
JP2012204347 A 20121022	JP20120111101 20120515	H01M8/18; H01M8/02
RU119523U U1 20120820	RU20120116891U 20120427	H01M8/12
JP2012191845 A 20121004	JP20070140732 20070528; JP20080073332 20080321; JP20120098785 20120424	H02J7/34; H01M8/00; H01M8/04; H01M10/44; H02J7/00
JP5055463B B1 20121024	JP20110159537 20110721; JP20120096682 20120420	H01M4/86; H01M4/88; H01M8/02
JP5023250B B1 20120912	JP20110158309 20110719; JP20120096681 20120420	H01M4/86
JP5062789B B1 20121031	JP20110195597 20110908; JP20120087465 20120406	H01M8/02; H01M8/12
JP2012199237 A 20121018	JP20120059967 20120316	H01M4/96; H01M4/86; H01M4/88; H01M8/02; H01M8/10
JP2012204339 A 20121022	JP20120029710 20120214	H01M4/96; H01M4/86; H01M4/88; H01M8/10
JP4988072B B1 20120801	JP20110045808 20110303; JP20110266375 20111206; JP20120020121 20120201	H01M8/02; H01M8/12
JP5091346B B1 20121205	JP20110060709 20110318; JP20110282804 20111226	H01M4/86; H01M8/12
JP5075297B B2 20121121	JP20120528160 20111208; WO2011JP06867 20111208; JP20100276951 20101213	H01M8/04; F23J11/02; H01M8/00
JP5044062B B2 20121010	JP20120519266 20111124; JP20100280293 20101216; WO2011JP06531 20111124	H01M8/02; H01M8/10
JP5062786B B1 20121031	JP20110233952 20111025	H01M8/02; H01M8/12; H01M8/24
JP5050124B B1 20121017	JP20110233929 20111025	H01M8/24; H01M8/02; H01M8/12
JP2012209241 A 20121025	JP20110054906 20110313; JP20110221281 20111005	H01M8/04
JP2012209240 A 20121025	JP20110054904 20110313; JP20110221280 20111005	H01M8/04; H01M8/00



Número do Pedido	Prioridade	Classificação Internacional
JP5033269B B2 20120926	JP20100216184 20100927; WO2011JP71436 20110921; JP20120507489 20110921	H01M8/02
JP2012199217 A 20121018	JP20110052286 20110310; JP20110171495 20110805	H01M8/24; H01M8/02
JP5075268B B1 20121121	JP20110159501 20110721	H01M8/02; H01M8/12
JP2012190776 A 20121004	JP20110034600 20110221; JP20110144912 20110629	H01M4/88
JP5043249B B2 20121010	JP20120514277 20110614; JP20100137500 20100616; WO2011JP63569 20110614	F16K17/14; H01M2/12; H01M8/04
JP5044048B B2 20121010	JP20100126982 20100602; WO2011JP02819 20110520; JP20110552120 20110520	C01B3/38
JP5049413B B2 20121017	JP20120508092 20110330; JP20100078397 20100330; WO2011JP01902 20110330	H01M8/04; H01M8/10
JP2012209231 A 20121025	JP20110076125 20110330	H01M8/24; H01M8/10
JP2012207899 A 20121025	JP20110076059 20110330	F23L17/02; F23L17/14; F24H1/00; H01M8/04; H01M8/06
JP2012209225 A 20121025	JP20110076056 20110330	H01M8/04
JP2012206060 A 20121025	JP20110075312 20110330	B01J20/04; B01D53/02; B01J20/30; H01M8/06
JP2012209187 A 20121025	JP20110075233 20110330	H01M8/02; H01M8/12
JP2012209176 A 20121025	JP20110075038 20110330	H01M8/04; H01M8/06
JP2012209173 A 20121025	JP20110075021 20110330	H01M8/04; F24H1/00; H01M8/00
JP2012209170 A 20121025	JP20110074960 20110330	H01M4/88; H01M8/10
JP2012206909 A 20121025	JP20110074882 20110330	C01B3/26; H01M8/06
JP2012207743 A 20121025	JP20110074823 20110330	F16K1/34; F16K1/38; F16K17/30; F16K31/06
JP2012206904 A 20121025	JP20110074545 20110330	C01B3/38; C01B3/48; H01M8/06
JP2012206903 A 20121025	JP20110074544 20110330	C01B3/38; H01M8/04; H01M8/06
JP2012209154 A 20121025	JP20110074533 20110330	H01M8/04
JP2012209152 A 20121025	JP20110074434 20110330	H01M8/02; H01M4/88; H01M8/12
JP2012209149 A 20121025	JP20110074412 20110330	H01M8/24
JP2012207864 A 20121025	JP20110074258 20110330	F24H1/00

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012209137 A 20121025	JP20110074149 20110330	H01M8/04
JP2012207588 A 20121025	JP20110073895 20110330	F02C7/08; F02C6/10; F02C7/28; H01M8/00; H01M8/04
JP2012209122 A 20121025	JP20110073678 20110329	H01M8/24; H01M8/02; H01M8/12
JP2012209121 A 20121025	JP20110073677 20110329	H01M8/24; H01M8/02; H01M8/12
JP2012209113 A 20121025	JP20110073409 20110329	H01M8/04; F24H1/00; H01M8/00; H02J3/00; H02J3/28; H02J3/32; H02J3/38
JP2012209109 A 20121025	JP20110073388 20110329	H01M8/04; B60L3/00; B60L11/18; H01M8/00
JP2012209105 A 20121025	JP20110073278 20110329	H01M8/24; H01M8/10
JP2012209092 A 20121025	JP20110073020 20110329	H01M8/02; H01M8/12; H01M8/24
JP2012209070 A 20121025	JP20110072737 20110329	H01M8/04
JP2012209069 A 20121025	JP20110072691 20110329	H01M8/02; H01M8/12; H01M8/24
JP2012209068 A 20121025	JP20110072685 20110329	H01M8/02; H01M8/12
JP2012209067 A 20121025	JP20110072679 20110329	H01M8/24; H01M8/04; H01M8/12
JP2012209066 A 20121025	JP20110072660 20110329	H01M8/02; H01M8/24
JP2012209039 A 20121025	JP20110072111 20110329	H01M8/04
JP2012209038 A 20121025	JP20110072110 20110329	H01M8/02; H01M8/12
JP2012209025 A 20121025	JP20110071642 20110329	H01M8/04
JP2012209021 A 20121025	JP20110071540 20110329	H05B3/12; B01D53/32
JP2012209019 A 20121025	JP20110071494 20110329	H01M8/02; H01M4/88
JP2012205970 A 20121025	JP20110071358 20110329	B01J7/02; C01B3/32; F24F6/00; F24F6/08
JP2012205969 A 20121025	JP20110071357 20110329	B01J7/02; F24F6/00; F24F6/08
JP2012209014 A 20121025	JP20110071320 20110329	H01M8/04; H01M8/06; H01M8/12
JP2012209013 A 20121025	JP20110071263 20110329	H01M8/02; H01M8/12
JP2012204331 A 20121022	JP20110071085 20110328	H01M8/06; C01B3/38
JP2012204330 A 20121022	JP20110071084 20110328	H01M8/04; C01B3/38; H01M8/06

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012204326 A 20121022	JP20110070954 20110328	H01M8/02; C08K3/30; C08L101/06; H01B1/06; H01M8/10
JP2012202548 A 20121022	JP20110070844 20110328	F16K13/10; F16L55/10; H01M8/04
JP2012204308 A 20121022	JP20110070796 20110328	H01M4/86; H01M4/88; H01M4/96
JP2012204302 A 20121022	JP20110070711 20110328	H01M4/88; B01J27/24; B01J37/34; H01M4/90
JP2012204277 A 20121022	JP20110070030 20110328	H01M8/02; H01M4/86; H01M8/06; H01M8/12
JP2012204274 A 20121022	JP20110070001 20110328	H01M8/02; H01B1/06; H01B13/00; H01M8/10
JP2012204272 A 20121022	JP20110069919 20110328	H01M8/02; H01M4/88; H01M8/10
JP2012204238 A 20121022	JP20110069343 20110328	H01M8/04; H01M8/12
JP2012204236 A 20121022	JP20110069283 20110328	H01M4/86; H01M8/02
JP2012204225 A 20121022	JP20110069221 20110328	H01M8/04; H01M8/00; H01M8/06; H01M8/10
JP2012204224 A 20121022	JP20110069213 20110328	H01M8/04; H01M8/06
JP2012202003 A 20121022	JP20110068230 20110325	D03D15/12; D01F9/14; D02G3/04; D03D15/00; D06M11/00; H01M4/96
JP2012204151 A 20121022	JP20110067919 20110325	H01M8/04
JP2012204149 A 20121022	JP20110067868 20110325	H01M8/02; C04B35/00; C04B35/48; C04B35/50; C04B41/87; H01M4/86; H01M8/12
JP2012204143 A 20121022	JP20110067644 20110325	H01M4/96; C04B38/00; D21H13/50
JP2012204142 A 20121022	JP20110067643 20110325	H01M4/88; C01B31/02; H01M4/96
JP5007849B B1 20120822	JP20110067422 20110325	H01M8/04; H01M8/18
JP2012204126 A 20121022	JP20110067238 20110325	H01M8/04
JP2012204125 A 20121022	JP20110067219 20110325	H01M8/04; H01M8/12
JP2012204124 A 20121022	JP20110067200 20110325	H01M8/24
JP2012201783 A 20121022	JP20110067156 20110325	C10G25/00; C01B3/38
JP2012204118 A 20121022	JP20110067058 20110325	H01M8/02
JP2012201996 A 20121022	JP20110067003 20110325	D03D15/12; D01F9/22; D03D1/00; H01M4/96

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012201772 A 20121022	JP20110066884 20110325	C08F8/44; C08F8/20; C08F12/16; C08J5/22; H01B1/06; H01B13/00
JP2012201538 A 20121022	JP20110066397 20110324	C01B3/38
JP2012204064 A 20121022	JP20110066002 20110324	H01M8/02; H01M8/10
JP2012204063 A 20121022	JP20110065992 20110324	H01M8/02; H01M8/10
JP2012202579 A 20121022	JP20110065927 20110324	F24H1/18; F24H1/00; H01M8/00; H01M8/04; H01M8/12
JP2012204049 A 20121022	JP20110065625 20110324	H01M8/02; H01M8/10
JP2012200634 A 20121022	JP20110065416 20110324	B01J13/14; C08F2/22; C08F2/44; C08K5/36; C08L101/00; H01B1/06; H01B13/00
JP2012201724 A 20121022	JP20110065415 20110324	C08J3/075; C08J3/20; C08L101/14; H01B1/06; H01B13/00
JP2012200633 A 20121022	JP20110065414 20110324	B01J13/04; B01J13/02; B01J13/14
JP2012201723 A 20121022	JP20110065413 20110324	C08G81/02; C08F2/44; H01B1/06; H01B13/00
JP2012200632 A 20121022	JP20110065411 20110324	B01J13/14; C08F2/48
JP2012205330 A 20121022	JP20110065194 20110324	B60L11/18; B60K1/04; B60K8/00; H01M8/00; H01M8/04
JP2012201517 A 20121022	JP20110064897 20110323	C04B35/48; C04B35/00; H01M4/86; H01M8/12
JP2012201516 A 20121022	JP20110064896 20110323	C04B35/48; H01M4/86; H01M8/12
JP2012204011 A 20121022	JP20110064822 20110323	H01M8/04; B60L11/18; H01M8/00
JP2012204008 A 20121022	JP20110064756 20110323	H01M8/02; C23C24/08; C25D13/00; C25D13/10; H01M8/12
JP2012204001 A 20121022	JP20110064615 20110323	H01M8/02; H01M8/10
JP2012200622 A 20121022	JP20110064614 20110323	B01J19/08; C23C8/08; H01M8/10
JP2012203999 A 20121022	JP20110064588 20110323	H01M8/02
JP2012203986 A 20121022	JP20110064282 20110323	H01M8/04
JP2012199204 A 20121018	JP20110064107 20110323	H01M8/02

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012199164 A 20121018	JP20110063562 20110323	H01M8/04; H01M8/06
JP2012199093 A 20121018	JP20110062802 20110322	H01M8/02; H01M8/10
JP2012199091 A 20121018	JP20110062742 20110322	H01M4/86; H01M8/02; H01M8/10
JP2012199090 A 20121018	JP20110062741 20110322	H01M8/02; H01M8/10
JP2012199068 A 20121018	JP20110062360 20110322	H01M8/04
JP2012199054 A 20121018	JP20110062036 20110322	H01M8/02; H01M4/86; H01M8/10
JP4993024B B1 20120808	JP20110061988 20110322	H01M4/86; H01M4/88; H01M8/02; H01M8/10
JP2012199048 A 20121018	JP20110061975 20110322	H01M8/04
JP2012199046 A 20121018	JP20110061907 20110322	H01M8/24
JP2012199040 A 20121018	JP20110061877 20110322	H01M8/02; B32B27/00; B32B27/36; H01M8/12
JP2012199039 A 20121018	JP20110061876 20110322	H01M8/02; B32B27/00; B32B27/36; H01M8/12
JP2012196815 A 20121018	JP20110061360 20110318	B28B11/08; B28B1/30; B28B11/00; B28B11/10; C04B35/622
JP2012199019 A 20121018	JP20110061304 20110318	H01M8/06; H01M8/04
JP2012199016 A 20121018	JP20110061207 20110318	H01M4/88; H01M4/90; H01M8/10
JP2012199010 A 20121018	JP20110061073 20110318	H01M8/04
JP2012198994 A 20121018	JP20110060601 20110318	H01M8/04; H01M8/06
JP2012195263 A 20121011	JP20110060360 20110318	H01M8/04; B60H1/22; B60L11/18; H01M8/00; H02J7/00
JP2012195260 A 20121011	JP20110060223 20110318	H01M4/86; H01J37/26
JP2012195258 A 20121011	JP20110060207 20110318	H01M8/04; H02M7/48
JP2012195257 A 20121011	JP20110060203 20110318	H01M8/04
JP2012195232 A 20121011	JP20110059776 20110317	H01M4/86; B01J23/42; H01M4/88; H01M8/10
JP2012195197 A 20121011	JP20110059027 20110317	H01M8/02; H01M8/10
JP2012195196 A 20121011	JP20110059026 20110317	H01M8/02; H01M8/10
JP2012195195 A 20121011	JP20110059025 20110317	H01M8/02; H01B1/06

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012195194 A 20121011	JP20110059024 20110317	H01M8/02; H01B1/06; H01B13/00; H01M8/10
JP2012195190 A 20121011	JP20110058869 20110317	H01M4/96; C09D11/00; H01M8/10
JP2012195180 A 20121011	JP20110058711 20110317	H01M8/04; H01M8/02; H01M8/10
JP2012195173 A 20121011	JP20110058589 20110316	H01M8/04; F02C6/00; H01M8/00; H01M8/12
JP2012192350 A 20121011	JP20110058585 20110316	B01D53/86; B01J37/02; H01M4/86; H01M8/12
JP4995328B B1 20120808	JP20110012852 20110125; JP20110050538 20110308; JP20100070793 20100325; JP20110058052 20110316	H01M4/86; C01G53/00; H01M8/02; H01M8/12
JP2012195131 A 20121011	JP20110057528 20110316	H01M8/02; H01M4/86; H01M4/90; H01M8/06
JP2012195128 A 20121011	JP20110057487 20110316	H01M8/02; H01M8/10
JP2012195120 A 20121011	JP20110057336 20110316	H01M8/04; H01M8/12
JP2012193778 A 20121011	JP20110057009 20110315	F16K17/04; H01M8/04
JP2012196019 A 20121011	JP20110056859 20110315	H02J3/38; F02G5/04; F24H1/00; H01M8/04; H02P9/04
JP2012196014 A 20121011	JP20110056743 20110315	B60L7/02; B60K11/04; H01M8/04
JP2012195089 A 20121011	JP20110056737 20110315	H01M8/04; H01M8/06
JP2012193869 A 20121011	JP20110056146 20110315	F28D7/10; B21D15/10; B21D53/06; F28F1/42
JP2012195052 A 20121011	JP20110055856 20110314	H01M4/88
JP2012190752 A 20121004	JP20110055451 20110314	H01M4/88
JP2012190746 A 20121004	JP20110055319 20110314	H01M8/02; H01M8/12; H01M8/24
JP2012190725 A 20121004	JP20110054811 20110311	H01M8/02; H01M8/12
JP2012190724 A 20121004	JP20110054810 20110311	H01M8/02; H01M8/12
JP2012190721 A 20121004	JP20110054726 20110311	H01M8/24; H01M8/12
JP2012190720 A 20121004	JP20110054646 20110311	H01M8/02; H01M8/10
JP2012188326 A 20121004	JP20110054522 20110311	C04B35/50; C01B33/20; C04B35/16; H01B13/00; H01M8/02; H01M8/12

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
JP2012190712 A 20121004	JP20110054494 20110311	H01M8/04
JP2012190705 A 20121004	JP20110054348 20110311	H01M4/96; H01M4/88
JP2012188324 A 20121004	JP20110053963 20110311	C04B35/64; F27D3/12; H01M8/02; H01M8/12
JP2012190679 A 20121004	JP20110053894 20110311	H01M8/04
JP2012190671 A 20121004	JP20110053713 20110311	H01M4/86; H01M4/88; H01M8/10
JP2012187520 A 20121004	JP20110053406 20110310	B01J27/24; B01J35/02
JP2012190657 A 20121004	JP20110053385 20110310	H01M8/02; C08G61/10; H01B1/06; H01M8/10
JP2012190656 A 20121004	JP20110053383 20110310	H01M8/02; H01M4/86; H01M4/88; H01M8/10
JP2012191757 A 20121004	JP20110053309 20110310	H02J7/34; H01M8/00; H01M8/04; H01M10/44; H01M10/48; H02J3/32; H02J3/46
JP2012190652 A 20121004	JP20110053271 20110310	H01M12/06; H01M8/02; H01M8/04; H01M8/06
JP2012190634 A 20121004	JP20110052450 20110310	H01M8/24; H01M8/02
JP2012190630 A 20121004	JP20110052392 20110310	H01M8/04; H01M8/12
JP2012190624 A 20121004	JP20110052288 20110310	H01M8/24; H01M8/02
JP2012190619 A 20121004	JP20110052148 20110309	H01M4/96; H01M4/88; H01M8/10
JP2012190605 A 20121004	JP20110051674 20110309	H01M8/04
JP2012189108 A 20121004	JP20110051673 20110309	F17C13/04; F16K31/42; H01M8/04
JP2012189103 A 20121004	JP20110051594 20110309	F16K31/06
JP2012189228 A 20121004	JP20110050438 20110308	F24H1/00; H01M8/00; H01M8/04
JP2012189227 A 20121004	JP20110050435 20110308	F24H1/00; F24H1/18; H01M8/00; H01M8/04
JP2012187440 A 20121004	JP20110050376 20110308	B01J47/02; H01M8/04
JP2012187439 A 20121004	JP20110050375 20110308	B01J47/02
JP4980497B B2 20120718	JP20100047426 20100304; WO2011JP01240 20110303; JP20110553220 20110303	B01J35/02; B01J23/08; B01J27/24; C01B3/04; C01G15/00; C25B1/04; C25B9/00; C25B11/06; H01M8/06

Número do Pedido	Prioridade	Classificação Internacional
JP5048870B B2 20121017	JP20100014953 20100127; JP20110526167 20110126; WO2011JP00407 20110126	H01M8/04; H01M8/06
JP5063814B B2 20121031	JP20090275132 20091203; WO2010JP07022 20101202; JP20110524116 20101202	H01M8/06; H01M8/04
JP2012521618 A 20120913	WO2010DE00236 20100226; DE20091015794 20090326	H01M8/02; H01M8/12
EA201270251 A1 20120830	IT2009TO00626 20090807; WO2010IB53585 20100809	B01J21/08; B01J23/755; B01J23/89; C01D3/00; H01M4/38; H01M8/04
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JP5057995B B2 20121024	JP20070551132 20061220; WO2006JP325415 20061220; JP20050370837 20051222	H01M8/02; H01M8/10
JP5039563B B2 20121003	JP20070551107 20061220; WO2006JP325338 20061220; JP20050366462 20051220	H01M8/02; H01M4/86; H01M4/88; H01M8/10
JP5055557B B2 20121024	JP20070551024 20061130; JP20050364627 20051219; WO2006JP323925 20061130	H01M4/90
JP5065046B B2 20121031	JP20070546501 20061124; WO2006JP323431 20061124; JP20050340257 20051125	H01M4/86; H01M8/02; H01M8/12
JP4977621B B2 20120718	JP20050339357 20051124; WO2006JP323152 20061121; JP20070546438 20061121	H01M8/02; G01N27/406; G01N27/416; H01M8/12
JP5107050B B2 20121226	JP20050316489 20051031; JP20060151710 20060531; WO2006JP321738 20061031; JP20070542757 20061031	H01M4/96; H01M4/88; H01M8/02; H01M8/10
JP5009162B B2 20120822	JP20050304292 20051019; WO2006JP320877 20061019; JP20070541047 20061019	H01M8/04
JP4973500B B2 20120711	JP20050331009 20051116; JP20070545184 20061018; WO2006JP321186 20061018	H01M8/24
JP5078618B B2 20121121	JP20070539904 20061005; WO2006JP319982 20061005; JP20060181480 20060630; GB20060004358 20060306; GB20050020471 20051007	H01M4/90; B01J23/89; B22F1/00; B22F9/24; C22C5/04; C22C19/07; H01M4/88; H01M8/10
JP5068658B B2 20121107	JP20050286306 20050930; JP20060098736 20060331; WO2006JP319560 20060929; JP20070537733 20060929	H01M8/04; H01M8/02; H01M8/12; H01M8/24
JP5068657B B2 20121107	JP20070537732 20060929; WO2006JP319559 20060929; JP20060098737 20060331; JP20060053688 20060228; JP20060053687 20060228; JP20050286306 20050930	H01M8/02; H01M8/00; H01M8/04



Número do Pedido	Prioridade	Classificação Internacional
JP5068656B B2 20121107	JP20050286306 20050930; JP20060053686 20060228; JP20070537731 20060929; WO2006JP319558 20060929; JP20060098737 20060331	H01M8/02; H01M8/00; H01M8/24; H01Q1/22
JP5058809B B2 20121024	JP20050285853 20050930; WO2006JP319346 20060928; JP20070538733 20060928	C01B3/38; H01M8/06
JP4978469B B2 20120718	JP20050278458 20050926; WO2006JP319018 20060926; JP20070536592 20060926	H01M8/04
JP4974895B B2 20120711	JP20050264230 20050912; WO2006JP317974 20060911; JP20070535460 20060911	H01M8/04; B65D83/00
JP5058805B B2 20121024	JP20070534369 20060901; WO2006JP317309 20060901; JP20050260015 20050908	B22F1/00; B01J23/46; B01J37/16; B22F1/02; B22F9/24
JP5018769B B2 20120905	WO2006JP305783 20060323; WO2006JP316036 20060815; JP20080506144 20060815	H01M8/02; C08G73/10; H01B1/06; H01M8/10
JP5032992B B2 20120926	JP20050234662 20050812; WO2006JP315280 20060802; JP20070530943 20060802	C10G25/05; H01M8/06
JP4973949B B2 20120711	JP20050211338 20050721; WO2006JP313991 20060713; JP20070525981 20060713	H01M8/04
JP5079507B B2 20121121	JP20070524639 20060710; JP20050204871 20050713; WO2006JP313676 20060710	H01M8/02; H01M8/10
JP5050207B B2 20121017	JP20050201789 20050711; JP20070524585 20060704; WO2006JP313324 20060704	C01B31/02; B01F11/00; H01M4/1393; H01M4/587
JP5100383B B2 20121219	JP20070525929 20060630; WO2006JP313153 20060630; JP20050207418 20050715	H01M4/86; C08G61/12; H01M8/10
JP5042020B B2 20121003	JP20050177376 20050617; WO2006JP311787 20060613; JP20070521286 20060613	H01M8/04; H01M8/10
JP4971979B B2 20120711	JP20070519092 20060602; WO2006JP311125 20060602; JP20050164317 20050603	H01M8/02; C25D3/48; C25D3/50; C25D3/56; C25D7/00
JP5050847B B2 20121017	JP20070518994 20060530; WO2006JP310728 20060530; JP20050158701 20050531	H01M8/18; H01M4/60; H01M8/00; H01M8/02; H01M8/06; H01M10/05; H01M10/0566; H01M10/36; H01M10/44
JP4995573B B2 20120808	JP20050138387 20050511; JP20060536964 20060509; WO2006JP309318 20060509	H01M8/02; H01M8/10

Número do Pedido	Prioridade	Classificação Internacional
JP5019122B B2 20120905	JP20070528249 20060501; WO2006JP309084 20060501; JP20050138909 20050511	H01M8/02; H01M8/04; H01M8/06; H01M8/10
JP5070044B B2 20121107	WO2006JP308948 20060428; WO2005JP08229 20050428; JP20070514827 20060428	C07F9/54; C07F9/24
JP5009156B B2 20120822	JP20070521215 20060417; WO2006JP308039 20060417; JP20050175934 20050616	H01M8/04; G05F1/67; H01M8/00
JP5103905B B2 20121219	JP20050111588 20050408; JP20060538186 20060405; WO2006JP307213 20060405	H01M8/02; H01M8/04; H01M8/10
JP5051124B B2 20121017	WO2006JP306629 20060330	H01B1/06; C08J5/00; H01M8/02; H01M8/10
JP5007963B B2 20120822	WO2006JP307161 20060329	H01M8/04; G01N27/02; G01R27/02; H01M8/10
JP5024285B B2 20120912	WO2006JP306544 20060329	H01M8/04
JP5071378B B2 20121114	WO2006JP306425 20060329	H01M8/02; H01M8/10
JP5062421B B2 20121031	JP20050226187 20050804; JP20050141768 20050513; JP20070526829 20060327; WO2006JP306097 20060327	C01B3/00; C01B31/20
JP5045433B B2 20121010	WO2006JP303375 20060224; JP20070504798 20060224; JP20050049996 20050225; JP20050165651 20050606	H01M8/04; H01M8/00
JP5063340B B2 20121031	JP20050043261 20050218; WO2006JP302706 20060216; JP20070503691 20060216	H01M8/04; H01M8/06
JP4971130B B2 20120711	JP20070503680 20060215; WO2006JP302643 20060215; JP20050043247 20050218	H01M8/04
JP5059413B B2 20121024	JP20060547901 20051128; WO2005JP21801 20051128; JP20040341423 20041126	H01M4/86; H01M4/88; H01M4/90; H01M8/16
JP5066916B B2 20121107	JP20060547739 20051117; WO2005JP21081 20051117; JP20040348308 20041201	H01M4/90; H01M4/88; H01M8/10
JP5032124B B2 20120926	JP20060544967 20051111; WO2005JP20699 20051111; JP20040335472 20041119	H01M8/04; B65D25/14
JP4970949B B2 20120711	JP20040310575 20041026; WO2005JP19043 20051017; JP20060542971 20051017	C01B3/38; B01D53/22; C01B3/56; F27B9/16; F27B9/30; F27B17/00; F27D17/00; H01M8/06
JP5065678B B2 20121107	WO2005JP19050 20051017; JP20040301183 20041015; JP20060515422 20051017	H01M8/04; H01M8/06
JP5109130B B2 20121226	WO2005JP18271 20051003; US20050709476P 20050819	H01B1/06; H01B1/20; H01B13/00; H01M4/86; H01M4/88; H01M8/02; H01M8/10

Número do Pedido	Prioridade	Classificação Internacional
JP4991292B B2 20120801	JP20060517871 20050927; JP20040278912 20040927; WO2005JP17685 20050927	H01M8/06; H01M8/04
JP4989226B B2 20120801	WO2005JP17085 20050909; JP20060535211 20050909; JP20040263708 20040910; JP20040280212 20040927	H01M8/02; H01B1/06; H01B13/00; H01M8/10
JP5074032B B2 20121114	JP20060532669 20050829; WO2005JP15655 20050829; JP20040251385 20040831	H01M8/04; H01M8/00
JP4995568B B2 20120808	JP20050086577 20050324; JP20050086579 20050324; JP20040240802 20040820; WO2005JP14730 20050811; JP20060531721 20050811	H01M8/02; C08J5/22; H01B1/06; H01B13/00; H01M8/10
JP5108305B B2 20121226	JP20060531704 20050810; WO2005JP14695 20050810; JP20040233724 20040810	H01B13/00; C04B35/46; C04B41/89; H01M4/88; H01M8/02; H01M8/12
JP5007565B B2 20120822	JP20060531600 20050805; WO2005JP14442 20050805; JP20040231862 20040809; JP20040231861 20040809	H01M4/86; H01M4/88; H01M4/96; H01M8/10
JP5064799B B2 20121031	JP20060531561 20050804; WO2005JP14352 20050804; JP20040230822 20040806	H01M8/04; H01M8/06
JP5089985B B2 20121205	JP20040265541 20040913; JP20040265542 20040913; JP20060535077 20050802; WO2005JP14493 20050802	H01M8/02
JP5063110B B2 20121031	JP20060529152 20050714; WO2005JP13054 20050714; JP20040206748 20040714	H01M8/04
JP5090738B B2 20121205	WO2005JP13210 20050712; JP20060529209 20050712; JP20040206110 20040713	F17C5/06; B60L11/18; B60S5/02; B67D7/04; B67D7/06; F17C11/00; F17C13/00; H01M8/04
JP5022707B B2 20120912	JP20040206128 20040713; WO2005JP12866 20050712; JP20060529070 20050712	H01M8/02; H01M4/86; H01M8/10
JP5020634B B2 20120905	JP20060528903 20050705; WO2005JP12387 20050705; JP20040205631 20040713	H01M8/04; F24H1/00; H01M8/00
JP4967127B B2 20120704	JP20060531328 20050704; JP20040246557 20040826; WO2005JP12311 20050704	H01M8/02; C08F222/40; H01B1/06; H01M8/10
JP4978191B B2 20120718	WO2005JP11963 20050629; JP20040194656 20040630; JP20060528752 20050629	H01M4/88; H01M4/86; H01M4/90; H01M8/10
JP4997971B B2 20120815	JP20040204704 20040712; JP20040228192 20040804; JP20040265176 20040913; WO2005JP11467 20050622; JP20060528566 20050622	H01M8/02; H01M4/86; H01M8/10

Número do Pedido	Prioridade	Classificação Internacional
JP5093645B B2 20121212	JP20040159954 20040528; WO2005JP09428 20050524; JP20060513882 20050524	H01M8/02; H01M8/04; H01M8/12; H01M8/24
JP5032843B B2 20120926	JP20040114879 20040409; WO2005JP06967 20050408; JP20060512141 20050408	H01M8/02; C08G63/20; C08G63/668; C08G63/91; C08J5/22; H01B1/06; H01B1/12; H01M8/10
JP4997968B B2 20120815	JP20040109869 20040402; JP20040311191 20041026; JP20040319086 20041102; WO2005JP06625 20050404; JP20060511865 20050404	H01M8/02; C07D317/42; C08F8/26; C08F24/00; C08F34/02; H01B1/06; H01B1/12; H01B13/00; H01M4/86; H01M8/10
JP5027656B B2 20120919	WO2005JP06050 20050330	H01M8/04; C09K5/00
JP4971789B B2 20120711	JP20040060808 20040304; JP20040102787 20040331; WO2005JP03649 20050303; JP20060510726 20050303	H01M8/02; C03C14/00; C08J5/08; C08J5/22; D04H1/42; D04H1/64; D06M13/513; D21H13/40; H01B1/06; H01M8/10
JP5017093B B2 20120905	WO2005JP03522 20050302	H01M8/04
JP4993910B B2 20120808	JP20040030476 20040206; WO2005JP01704 20050204; JP20050517750 20050204	H01M8/02; C08G85/00; C08J5/22; H01B1/06; H01B1/12; H01B13/00; H01M4/86; H01M8/10
JP5050194B B2 20121017	JP20030409239 20031208; JP20050516028 20041208; WO2004JP18289 20041208	C08G73/10; B01J23/42; C25B13/08; H01B1/06; H01M4/86; H01M8/02; H01M8/10
JP5109255B B2 20121226	JP20030374768 20031104; WO2004JP16191 20041025; JP20050515190 20041025	H01M8/04; B60L11/18; H01M8/00
JP5008305B B2 20120822	WO2004JP02609 20040303; JP20030056184 20030303; JP20050503052 20040303	C08L27/22; C08F8/00; C08J3/12; C08J5/22; C08K5/521; C09D127/12; H01B1/06; H01M8/02; H01M8/10
JP5010799B B2 20120829	JP20020061916 20020307; JP20030573727 20030306; WO2003JP02631 20030306	H01M8/02; C08J5/22; H01B1/06; H01B1/12; H01M8/10
JP4994571B B2 20120808	JP20010374175 20011207; JP20010374174 20011207; JP20030550307 20020627; WO2002JP06513 20020627	H01M8/04; H01M8/02; H01M8/10; H01M8/24
JP5082182B B2 20121128	JP20020531524 20010928; WO2001JP08600 20010928; JP20000298902 20000929	H01M4/88; H01M4/86; H01M4/90; H01M4/96; H01M8/10; H01M12/06

Número do Pedido	Prioridade	Classificação Internacional
JP3178267U U 20120906	JP20120003875U 20120627	H01M8/04
KR20120133458 A 20121211	KR20110052096 20110531	H01M8/04; F04D13/02
KR20120121568 A 20121106	KR20110039434 20110427	H01M8/18; H01M8/02
KR20120127558 A 20121122	KR20120048679 20120508	B63G8/08; F23C13/00; H01M8/04
KR20120125166 A 20121114	KR20120045991 20120501	H01M8/06; B63H21/17; H01M8/04
KR20120131554 A 20121205	KR20110049806 20110525	C08J5/22; C08K3/04; C08K9/04; H01M8/02
KR20120128866 A 20121128	KR20110046774 20110518	H01M8/16; H01M8/02; H01M8/04
KR20120128865 A 20121128	KR20110046773 20110518	H01M8/16; H01M8/02
KR101205538B B1 20121127	KR20110052000 20110531	H01M8/04; F24H9/20; H01M8/06; H01M8/12
KR20120133866 A 20121211	KR20110052760 20110601	B60L11/18; F04D29/40; F04D29/44; H01M8/04
KR20120133858 A 20121211	KR20110052749 20110601	B60L11/18; F04D17/08; F04D29/28; H01M8/04
KR20120123994 A 20121112	KR20110041696 20110502	C25B1/02; F02B43/10; H01M8/06
KR20120128311 A 20121127	KR20110046172 20110517	H01M8/04; H02M7/00; H02P3/00; H02P7/00
KR20120004800U U 20120703	KR20100013337U 20101223	H01M8/24; H01M8/10
KR101200277B B1 20121112	KR20120072139 20120703	H01M8/04; B65H81/00
KR20120128172 A 20121127	KR20110044619 20110512	H01M8/02; C25B1/04; H01B1/04; H01B1/06
KR200463822Y Y1 20121127	KR20120008189U 20120913	H01M8/18; H01M8/02
KR20120122745 A 20121107	KR20110041084 20110429	H01M8/02; C22C19/07; C23C30/00
KR20120133457 A 20121211	KR20110052094 20110531	H01M8/04; F23D14/60; F23N1/02; F24C3/00
KR20120123195 A 20121108	KR20120038099 20120412	H01M8/16; H01M8/02
KR20120127848 A 20121126	KR20110045595 20110516	H01M8/12; H01M4/88; H01M8/02
KR20120123639 A 20121109	KR20110104835 20111013	H01M8/12; H01M8/02
KR20120132068 A 20121205	KR20110050660 20110527	H01M8/14; C04B35/628; H01M8/02; H01M8/06
KR20120122090 A 20121107	KR20110040068 20110428	H01M8/02; C23C18/36; C23C18/54

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
KR20120127548 A 20121122	KR20110043743 20110511	H01M8/02; B82B3/00; D01D5/00; H01M8/10
KR20120129780 A 20121128	KR20120051433 20120515	B01J31/12; B01J19/08; H01M8/02
GEP20125569 B 20120710	GE2009AP11282 20090601	H01M4/20; H01M4/29; H01M4/30; H01M8/04; H01M8/08; H01M8/22
KR20120133510 A 20121211	KR20110052176 20110531	H01M8/04; B63H21/17; F25J1/00; H01M8/06
KR101205062B B1 20121126	KR20120105629 20120924	H01M8/02; H01M8/18
KR20120126285 A 20121121	KR20110043955 20110511	H01M8/06; C25B1/04; G01R31/36; G09B23/18
KR20120133273 A 20121210	KR20110051859 20110531	H01M8/04; F23G7/06; H01M8/06; H01M8/14
KR20120129353 A 20121128	KR20110047548 20110519	H01M8/04; B01D19/00; H01M8/06
KR20120129352 A 20121128	KR20110047547 20110519	H01M8/04; H01M8/06; H01M8/10
KR20120132497 A 20121205	WO2011JP57685 20110328; JP20100075323 20100329	H01M8/04; G05D7/00; H01M8/06; H01M8/12
KR20120124666 A 20121114	KR20110042464 20110504	H01M8/04; B01D69/08; F24F6/04
KR20120133634 A 20121211	KR20110052372 20110531	H01M8/04; B01D5/00; B63H21/17; B63J1/00
KR20120132719 A 20121210	KR20110051016 20110530	H01M8/04; B63H21/17; H01M8/06
KR20120131524 A 20121205	KR20110049741 20110525	H01M8/04; B63H21/17; H01M8/06; H01M8/14
KR101202880B B1 20121119	KR20120077008 20120716	H01M8/04; H01M8/10
KR20120128399 A 20121127	KR20110046310 20110517	H01M8/12; H01M8/02; H01M8/24
KR101200561B B1 20121113	KR20120044807 20120427	C25B1/26; C08F14/06; C25B1/04; H01M8/06
KR101199845B B1 20121109	KR20120031399 20120328	H01M8/04; C25B1/04; G09B23/18; H01L31/042
KR20120131822 A 20121205	KR20110050258 20110526	H01M8/06; C01B3/38; H01M8/10
KR20120125797 A 20121119	KR20110043453 20110509	H01M4/88; B30B15/34; B32B37/10; H01M8/10
KR20120133660 A 20121211	KR20110052407 20110531	B63H21/20; B63H21/14; F02M25/00; H01M8/06
KR20120122319 A 20121107	KR20110040394 20110428	H01M8/06; C01B3/16

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
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KR20120129324 A 20121128	KR20110047498 20110519	H01M8/12; C04B35/01; C04B35/64; H01M8/02
KR20120130792 A 20121203	FI20100005377 20100412; WO2011FI50201 20110308	H01M8/04; H01M8/06
KR20120126902 A 20121121	KR20110045027 20110513	H01M4/88; H01M4/92; H01M8/02; H01M8/12
KR20120122746 A 20121107	KR20110041085 20110429	H01M8/02; C23C26/00
KR20120125689 A 20121119	KR20110043281 20110509	H01M8/02; C08J5/22; H01M8/10
KR20120121569 A 20121106	KR20110039435 20110427	H01M8/18; H01M8/02
KR20120121193 A 20121105	KR20110039026 20110426	H01M4/86; B01J38/00; B09B3/00; H01M8/00
KR20120131053 A 20121204	KR20110049245 20110524	H01M8/02; C09K5/00; H01M8/10
KR20120125434 A 20121115	KR20120108814 20120928	H01M8/16; H01M8/02
KR20120128905 A 20121128	KR20110046838 20110518	H01M8/02; B32B27/00; B32B37/02; H01M8/10
KR20120134048 A 20121211	KR20120056712 20120529	C08G61/02; C08G75/02; C08L65/00; H01M8/10
KR20120128655 A 20121127	WO2011JP06866 20111208; JP20100276950 20101213	H01M8/04; E04B1/70; F24H1/00; F24H1/18
KR200463821Y Y1 20121127	KR20120008191U 20120913	H01M8/18; H01M8/02; H01M8/24
KR20120130953 A 20121204	KR20110049053 20110524	H01M8/18; H01B1/04; H01M8/02
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KR20120132224 A 20121205	KR20110050918 20110527	H01M8/04; H01M8/06
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KR20120131350 A 20121205	KR20110049445 20110525	H01M8/02; H01M8/10
KR101199846B B1 20121109	KR20120031400 20120328	H01M8/24; G01R31/36; H01M8/10
KR20120132526 A 20121205	JP20100045778 20100302; WO2011JP54596 20110301	H01M8/02; H01M4/86; H01M8/12
KR20120132058 A 20121205	KR20110050635 20110527	H01M8/12; C04B35/01; C04B35/64; H01M8/02
KR20120130544 A 20121203	KR20110048552 20110523	B63H21/17; B63B11/04; B63B27/16; H01M8/06

<b>Número do Pedido</b>	<b>Prioridade</b>	<b>Classificação Internacional</b>
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KR20120121570 A 20121106	KR20110039436 20110427	H01M8/12; B82B3/00; C04B35/64; H01M4/86
KR20120132222 A 20121205	KR20110050916 20110527	H01M8/04; B01D19/00; H01M8/06; H01M8/10