

## Pedidos de Patente sobre Energia Eólica - Nº 7



**Pedidos publicados no  
2º semestre de 2011**

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

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# 1. INTRODUÇÃO

## 1.1 - Alerta Tecnológico

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

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

A patente é uma importante fonte formal de informação, por meio da qual se pode ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação<sup>1</sup> (livros, artigos técnicos etc.).

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

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

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

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

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

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

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

INPI/DICOD/CEDIN:

Instituto Nacional da Propriedade Industrial – INPI

Diretoria de Cooperação para o Desenvolvimento – DICOD

Centro de Disseminação da Informação Tecnológica – CEDIN

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e-mail: [cedin@inpi.gov.br](mailto:cedin@inpi.gov.br)

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

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

<sup>3</sup> Contêm pedidos de patente depositados e publicados em mais de 70 países

<sup>4</sup> Contêm pedidos de patente depositados ou concedidos e publicados apenas nos Estados Unidos.

<sup>5</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 patente refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008)

## 1.2 - Pedidos de patente sobre Energia Eólica

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

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

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

Para a realização deste trabalho, utilizou-se o banco de dados do Escritório Europeu de Patentes. O período selecionado para pesquisa compreendeu os pedidos de patente publicados entre 01/07/2011 a 31/12/2011. A metodologia para a coleta dos documentos levou em conta as áreas da Classificação Internacional de Patentes, na qual foram selecionados os pedidos de patente em que pelo menos uma das classificações internacionais<sup>6</sup> seja **F03D – Motores Movidos a Vento**.

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<sup>6</sup> Um documento de patente pode conter uma ou mais classificações.

## 2. RESULTADOS

### 2.1 - Mundo

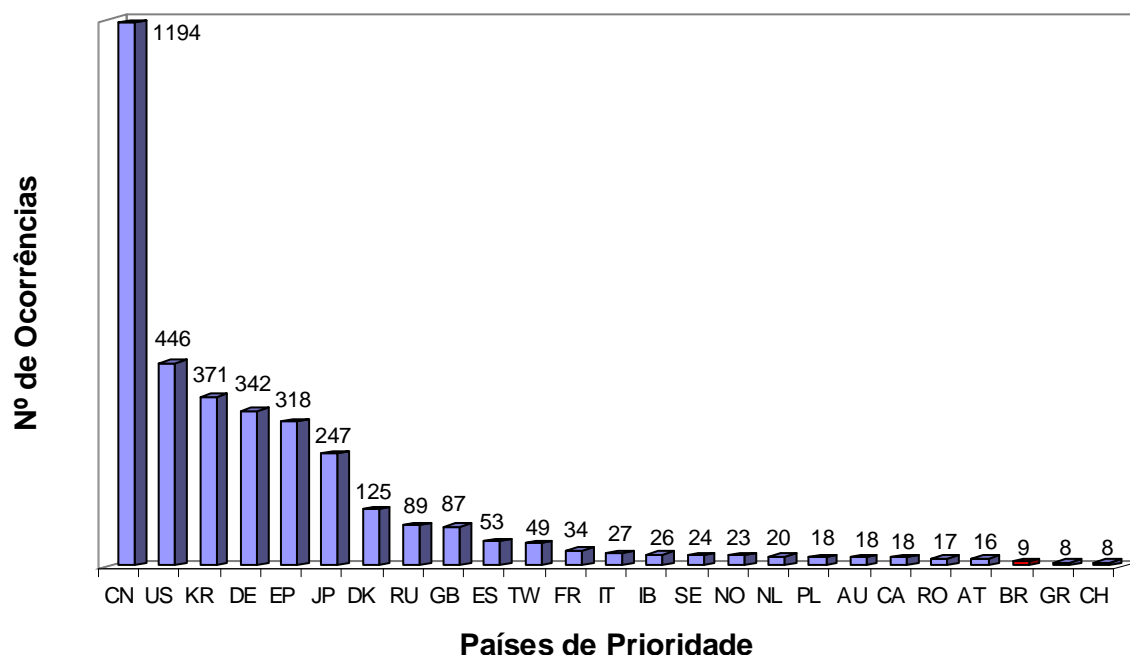
A busca realizada no sistema resultou num total de **2.256** documentos de patente publicados ao redor do mundo no período considerado. Um ponto importante a ser analisado diz respeito ao país da prioridade unionista do depósito, o que na maioria das ocorrências indica a origem da tecnologia contida nos documentos. O país da prioridade é o país onde foi realizado o primeiro depósito do pedido de patente. Ressalta-se que o depositante pode solicitar a prioridade de seu pedido de patente em um país diferente do país de sua residência, entretanto tal prática não se verifica na maioria dos pedidos.

No Gráfico 1 são apresentados os países de prioridade dos documentos recuperados no período e o número de ocorrências em cada país. Foram encontrados 1194 documentos com prioridade chinesa. Este número representa 34,87% dos pedidos de patente publicados. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patente, com um total de 446 pedidos publicados, representando 13,02% dos pedidos totais.

A Coréia do Sul ocupa a terceira posição do ranking, com 371 pedidos prioritários, equivalendo a 10,83% do total. O quarto lugar no ranking de prioridades é ocupado pela Alemanha, com 342 pedidos, o que equivale a 9,98% do total de documentos publicados no período considerado.

No que diz respeito aos pedidos no Brasil, foram publicados 9 documentos com prioridade nacional, o que corresponde a vigésima terceira posição no ranking.

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



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

Os dados recuperados no levantamento, e constantes da Tabela 2, comprovam a primazia da China com 1194 depósitos prioritários de patente publicados, sendo a maior parte dos mesmos efetuados por inventores independentes (ver Tabela 2). Cabe ressaltar que o total de documentos prioritários chineses é maior do que o dobro dos documentos prioritários publicados nos Estados Unidos no mesmo período. Também foram contabilizados na China 58 pedidos de patente com prioridade estrangeira no segundo semestre de 2011. Os Estados Unidos, que totalizaram 446 pedidos publicados com prioridade nacional, ocupam a segunda posição no ranking e também se destacam pelo fato de que foram alvo do maior número de prioridades estrangeiras, com 88 incidências, podendo-se daí inferir o grande interesse dos outros países detentores de tecnologia eólica pelo seu mercado. O terceiro lugar é ocupado pela Coreia do Sul que totalizou 371 pedidos prioritários nacionais e também contou com outros 21 pedidos prioritários estrangeiros publicados no 2º semestre de 2011.

Os dados da Tabela 2 também revelam a intensa concentração tecnológica no setor, refletida no número de pedidos de patente publicados, no período



considerado, constatando-se que dentre as prioridades dos 2256 pedidos de patente, seis países ocupam as primeiras posições, a saber: China, Estados Unidos, Coréia do Sul, Alemanha, Japão e Dinamarca detêm 79,58% do total de pedidos. Assim, os demais 20,41% de pedidos prioritários publicados no período correspondem aos outros 51 países do presente levantamento.

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

**Tabela 1:** Relação dos principais depositantes dos países com pedidos de prioridade de patente e do número de pedidos publicados no 2º semestre de 2011

<b>Depositante</b>	<b>Total de Documentos</b>
MITSUBISHI HEAVY IND LTD [JP]	242
SIEMENS AG [DE]	219
VESTAS WIND SYS AS [DK]	179
GEN ELECTRIC [US]	125
WOBLEN ALOYS [DE]	40
REPOWER SYSTEMS AG [DE]	37
BOSCH GMBH ROBERT [DE]	27
LM GLASFIBER AS [DK]	26
GAMESA INNOVATION & TECH SL [ES]	23
NORDEX ENERGY GMBH [DE]	20
GUODIAN UNITED POWER TECHNOLOGY CO LTD [CN]	15
SCHAEFFLER TECHNOLOGIES GMBH [DE]	15
FLODESIGN WIND TURBINE CORP [US]	13
SUZLON ENERGY GMBH [DE]	12
ENVISION ENERGY DENMARK APS [DK]	12
SAMSUNG HEAVY IND [KR]	11
ALSTOM WIND S L U [ES]	11
MOVENTAS WIND OY [FI]	11
WILIC S AR L [LU]	11
AVANTIS LTD [CN]	10
SWITCH DRIVE SYSTEMS OY [FI]	10

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

Na Tabela 1 são identificados os 21 maiores depositantes em nível mundial, no segundo semestre de 2011, tendo sido selecionados aqueles com dez ou mais depósitos publicados no período. Pode-se observar o amplo predomínio das 7 empresas alemãs, que totalizam 370 depósitos publicados. Destaca-se ainda a

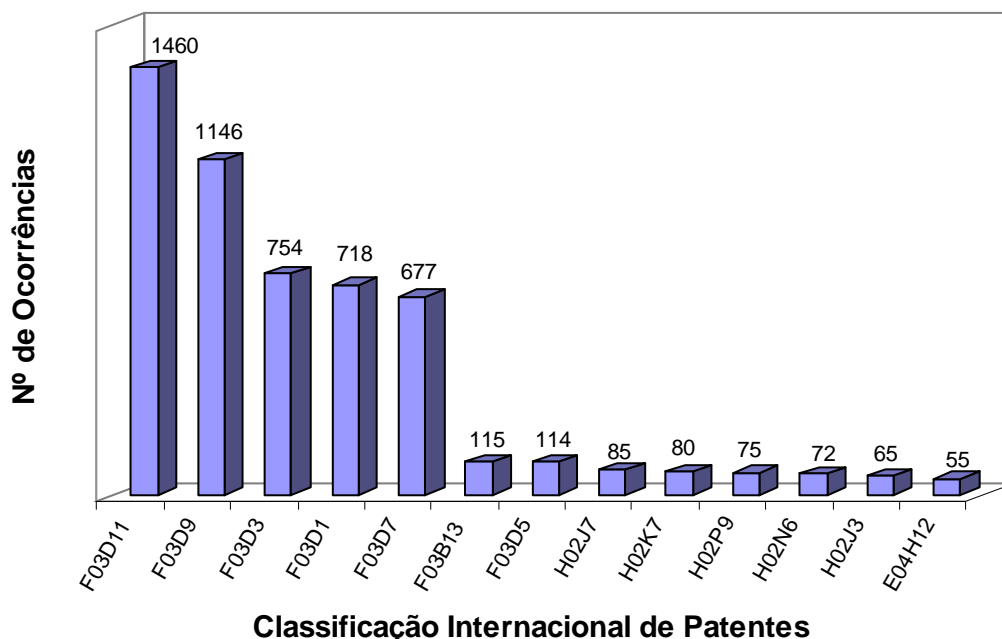
presença de uma única empresa japonesa que conta com 242 depósitos e três empresas de origem dinamarquesa que somam 217 depósitos. Figuram ainda dentre os maiores depositantes duas empresas americanas, com 138 depósitos, duas empresas espanholas que somam 34 depósitos, duas empresas da China com 25 depósitos e duas empresas finlandesas perfazendo 21 depósitos. Dentre os principais depositantes constam ainda uma empresa sul coreana com 11 depósitos e pela primeira vez nesta série de alertas tecnológicos uma empresa de Luxemburgo se destaca com 10 depósitos publicados no período.

A exemplo do que ocorreu em outros períodos considerados em alertas anteriores, ainda com referência a análise de dados da Tabela 1, cabe ressaltar a alta concentração de depósitos em poucas empresas líderes do setor, notadamente no Japão e na Dinamarca. Cabe ainda destacar que embora a China seja o país com maior número de depósitos prioritários, tal como observado no Gráfico 1, esta situação não se repete quando leva-se em conta as principais empresas mundiais em energia eólica, pois neste caso aquele país conta com apenas dois representantes e apenas 25 depósitos. Tal cenário pode ser consequência do fato de que a maioria dos pedidos prioritários chineses são efetuados por inventores independentes, como observado na Tabela 2.

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

No Gráfico 2, é possível a identificação das tecnologias relacionadas à energia eólica com maior número de incidências, descritas nos pedidos de patente publicados no segundo semestre de 2011, sendo consideradas todas as classificações com número igual ou superior a 55 ocorrências no período.

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



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

#### **F03D - Motores Movidos a Vento**

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

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

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

**F03D1/** - Motores a vento com o eixo de rotação sensivelmente na direção do vento;

**F03D7/** - Controle dos motores a vento.

No que diz respeito às áreas de concentração tecnológica dos pedidos, segundo a Classificação Internacional de Patentes-CIP, foram identificados treze principais grupos, sendo os que os quatro primeiros concentram 75,29% de todos os pedidos publicados. Com relação as alterações observadas, em comparação ao últimos levantamentos, verifica-se a maior incidência de pedidos no grupo principal F03D11/, referente a detalhes, peças e acessórios dos motores eólicos, superando o

grupo F03D9/. Cabe ressaltar que um único pedido pode conter mais de uma classificação.

## **2.2 - Brasil**

Como identificado na tabela 2, foram publicados no Brasil 26 depósitos sobre energia eólica no segundo semestre de 2011, sendo 6 com prioridade nacional e 20 com prioridades de diferentes países, como por exemplo, Holanda, Suécia, Espanha, Noruega, Itália e Reino Unido, via Escritório Europeu de Patentes (EP) e Escritório Internacional (PCT/IB). Dos documentos com prioridade brasileira, dois foram publicados via PCT/WO e um foi publicado nos Estados Unidos, perfazendo um total de 9 pedidos publicados no período com prioridade nacional.

Dos pedidos com prioridade nacional, 8 foram depositados por inventores independentes e um, teve o depósito compartilhado por uma empresa e um inventor.

**Tabela 2:** Dados bibliográficos dos pedidos de patente sobre  
Energia Eólica, publicados no 2º semestre de 2011  
(Ordenados segundo o código do país de publicação)

Obs:

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

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

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
AR077105 A1 20110803	AR2010P102118;	G09F013/04; G09F013/14; F03D003/; G09F013/02; G09F013/30; F03D009/;	DURSO ROBERTO OMAR;GAIOLI FABIANHORACIO;LEBAS GABRIEL OMAR;VENTUREIRA HUGO BERNARDO;	SISTEMA ENERGETICAMENTE AUTOSUSTENTADO DE PUBLICIDAD EN VIA PUBLICA, EINTEGRADO A UNA INSTALACION GENERADORA DE ENERGIA EOLICA, CON RESPALDO DE GENERACION EN BASE A ENERGIA SOLAR
AR078637 A1 20111123	AR2010P103753;	F03D007/02;	FRANCO DIEGO ALBERTO;SPONTON HORACIO AGUSTIN;	DISPOSITIVO DE PROTECCION CONTRA VIBRACIONES APLICABLE A GENERADORESEOLICOS DE EJE HORIZONTAL
AT12037U U1 20110915	DE200710006652;	E04H012/04; F03D011/04;	TIMBER TOWER GMBH;	WINDKRAFTANLAGE
AT12099U U1 20111015	AT20100000285U;	F03D003/06; F03D003/00;	WWPM GMBH;	ROTORBLATT FÜR EINEN 3-BLATT-DARRIEUS-ROTOR
AT12156U U1 20111115	AT20100000499U;	F24J002/54; F03D009/00;	KORNMUELLER MANFRED;	SOLARANLAGE
AT12187U U2 20111215	DE200910017586;	E04H012/04; F03D011/04; E04H012/02;	TIMBER TOWER GMBH;	VERFAHREN ZUR ERRICHTUNG EINES TURMS FÜR EINE WINDKRAFTANLAGE SOWIETURM FÜR EINE WINDKRAFTANLAGE
AT12188U U2 20111215	DE200910040908;	F03D011/04; E04H012/04; E04H012/34;	TIMBER TOWER GMBH;	TURM FÜR EINE WINDKRAFTANLAGE UND VERFAHREN ZUM ERRICHTEN EINES TURMESFÜR EINE WINDKRAFTANLAGE
AT12189U U2 20111215	DE200910017593;	F03D011/04; E04H012/04;	TIMBER TOWER GMBH;	TURM FÜR EINE WINDKRAFTANLAGE

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
AT509559 A1 20110915	AT20100000303;A T20100001383;	F03D009/00; G09F019/12; F21S009/04; F21V033/00;	SCHULTES RICHARD;	WERBEWINDTURBINE
AT509624 A1 20111015	AT20100000598;	F03D011/00; F16H057/08; F16C033/06;	MIBA GLEITLAGER GMBH;	GETRIEBE FÜR EINE WINDKRAFTANLAGE
AT509625 A1 20111015	AT20100000599;	F16C017/10; F03D011/00;	MIBA GLEITLAGER GMBH;	LAGERELEMENT
AT509755 A1 20111115	AT20100000732;	F03D011/00; F03D009/00; H02G013/00;	OPPOLZER HERBERT ING;	ERWEITERUNG EINES BESTEHENDEN WINDKRAFTWERKES
AT513127T T 20110715	NL20021021078;W O2003NL00517;	F03D003/04; F03D001/04; F03D011/04; F03D007/04;	STICHTING ENERGIE;	ANORDNUNG VON ENERGIESTRÖMUNGSKOLLEKTOREN WIE ZUM BEISPIEL WINDPARKUND BETRIEBSVERFAHREN
AT513128T T 20110715	DE20011040793;	F03D007/02; F03D001/06; F03D011/00;	GEN ELECTRIC;	EINRICHTUNG ZUM VERSTELLEN DES ROTORBLATTES EINES ROTORS EINERWINDKRAFTANLAGE
AT513988T T 20110715	EP20070008467;	E02B017/00; F03D011/04; F03D011/00; F03D001/00; H02G001/10; B63B021/00;	BARD HOLDING GMBH;	GRÜNDUNG FÜR EINE OFFSHORE-WINDENERGIEANLAGE MIT MINDESTENS EINERSEEKABELDURCHFÜHRUNG
AT513989T T 20110715	DK20040002017;D K20050000155;WO 2005DK00704;	F03D001/06; B64C027/0473; F03D011/00; F01D005/18;	LM GLASFIBER AS;	INNEN MIT AUFFANGMITTELN VERSEHENE WINDTURBINENSCHAUFEL

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
AT513990T T 20110715	DK20070001623;W O2008DK00398;	F03D001/06;	VESTAS WIND SYS AS;	WINDTURBINENSCHAUFEL UND VERFAHREN ZUR HERSTELLUNG EINERWINDTURBINENSCHAUFEL
AT513991T T 20110715	DE20011019625;W O2002EP04110;	F03D007/00; F03D009/02; G05D022/02; F03D009/00; H02P009/00; F03D011/00; B60H001/32;	WOBLEN ALOYS;	VERFAHREN ZUR STEUERUNG EINER WINDENERGIEANLAGE
AT513992T T 20110715	DE200710041508; WO2008DE01236;	F03D011/00;	SCHAEFFLER TECHNOLOGIES GMBH;	ROTORLAGERUNG FÜR EINE WINDENERGIEANLAGE
AT514859T T 20110715	DK20070001685;W O2008EP66308;	F03D011/00;	VESTAS WIND SYS AS;	VERFAHREN ZUR DÄMPFUNG VON SCHWANKUNGEN BEI EINER WINDTURBINE
AT515635T T 20110715	DE200810013728; WO2008EP65056;	F03D011/00; F03D009/00;	KENERSYS GMBH;	WINDENERGIEANLAGE ZUR ERZEUGUNG ELEKTRISCHER ENERGIE
AT516595T T 20110715	JP20030132607;JP 20040121290;WO2 004JP06609;	C23C016/0448 ; H01L021/31; H01L021/00; F03D011/04;	TOKYO ELECTRON LTD;	VERDAMPFER UND HALBLEITER- VERARBEITUNGSVORRICHTUNG
AT517216T T 20110815	WO2007DK50064;	F16F015/02; F03D011/04; E04B001/98; F16F007/10;	VESTAS WIND SYS AS;	SYSTEM ZUR DÄMPFUNG VON SCHWINGUNGEN IN EINER STRUKTUR
AT517254T T 20110815	EP20060010456;	E04H012/32; F03D011/04; B66C023/32; F03D001/00;	W2E WIND TO ENERGY GMBH;	VORRICHTUNG ZUM ERRICHTEN EINES AUS EINZELNEN TURMSEGMENTENZUSAMMENGESETZTEN TURMS EINER WINDENERGIEANLAGE



Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
AT517255T T 20110815	EP20070388065;W O2008DK00310;	F01D005/14; F03D001/06;	LM GLASFIBER AS;	WINDTURBINENSCHAUFEL MIT ÜBERKREUZENDE NEBENKANÄLE UMFASSENDE VERSENKTEN GRENZSCHICHTSTEUERMITTELN
AT517256T T 20110815	EP20080168773;	F03D011/00; F16H057/04;	ECOTECNIA EN RENOVABLES S L;	WINDTURBINEN-SCHMIERMITTELSYSTEM
AT517267T T 20110815	DE200620016813U ;DE200720011577 U;WO2007EP0948 4;	F03D011/00; F16C019/49;	IMO HOLDING GMBH;	WÄLZLAGERANORDNUNG
AT518059T T 20110815	DE200610039693;	F03D007/04; H02J003/18; F03D009/00;	NORDEX ENERGY GMBH;	VERFAHREN ZUM BETREIBEN VON WINDENERGIEANLAGEN
AT518083T T 20110815	EP20060123400;W O2007EP61788;	F03D011/00; F03D001/00; B25B027/00; F16J015/32; F16C033/78;	ALSTOM WIND S L U;	VORRICHTUNG ZUM ANBRINGEN EINER DICHTUNG
AT519033T T 20110815	NO20080000229;W O2009NO00008;	F03D011/02;	ANGLE WIND AS;	WINDTURBINENVORRICHTUNG
AT519970T T 20110815	IT2007TO00833;W O2008IT00699;	F16H055/36; F03D011/02;	VERGNANO GIOVANNI;	KRAFTÜBERTRAGUNGSSYSTEM DURCH KABEL FÜR WINDENERGIEERZEUGUNGS- UND SEGELWINDENANTRIEBSANWENDUNGEN
AT520879T T 20110915	DE200410046260; WO2005EP10089;	F03D007/02; F03D001/06;	NORDEX ENERGY GMBH;	VERFAHREN ZUM BETREIBEN EINER VORRICHTUNG ZUM VERSTELLEN EINES BLATTEINSTELLWINKELS SOWIE EINE VERSTELLVORRICHTUNG

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AT521806T T 20110915	DK20070001444;W O2008DK00343;	F03D007/02; F03D011/00;	VESTAS WIND SYS AS;	VERFAHREN ZUM ENTEISEN EINER SCHAUFEL EINER WINDTURBINE, WINDTURBINEUND VERWENDUNG DAVON
AT521807T T 20110915	DE200710048377; WO2008DE01655;	F03D011/00; F16C035/77;	SCHAEFFLER TECHNOLOGIES GMBH;	LAGERANORDNUNG EINER ROTORNABE EINER WINDENERGIEANLAGE UND VERFAHRENZU DEREN MONTAGE
AT522968T T 20110915	DE200810007448; WO2009EP50952;	F03D009/00; H02J003/46;	WOODWARD KEMPEN GMBH;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
AT524654T T 20110915	US20060832551P; WO2007IB01969;	F03D001/06; F03D007/02; F03D011/00;	CLIPPER WINDPOWER INC;	EINZIEHBARE ROTORSCHAUFELSTRUKTUR
AT524673T T 20110915	FI20040005274;FI2 0040005483;WO20 05FI50269;	F03D011/02; F16H001/46; F03D011/00; F16H001/28; F16H057/04;	MOVENTAS OY;	ANORDNUNG IN EINEM PLANETENGETRIEBE
AT525567T T 20111015	US20080063132P; WO2009IB00118;	F03D011/00; F03D001/06; F03D007/02;	CLIPPER WINDPOWER INC;	EINZIEHBARE ROTORBLATTSTRUKTUR MIT GETEILTER AUSTRITTSKANTE
AT525568T T 20111015	DE200710014863;	F03D007/02; F03D007/04;	REPOWER SYSTEMS AG;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
AT525569T T 20111015	DK20070001845;W O2008EP10938;	F03D001/06; F03D007/02;	VESTAS WIND SYS AS;	AKTIVE STRÖMUNGSSTEUERVORRICHTUNG UND VERFAHREN ZUM BEWIRKEN EINERFLUIDGRENZSCHICHT EINER WINDTURBINENSCHAUFEL
AT525570T T 20111015	DE200610060182;	F03D007/02; F03D011/00;	KRAFT ASTRID;KRAFT ERIK;	TRÄGERPLATTE EINER BREMSBACKE EINER BREMSANLAGE FÜR EINEWINDENERGIEANLAGE (WEA)

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AT526502T T 20111015	US20080011189P; WO2009IB00052;	F03D001/06; F03D011/00;	CLIPPER WINDPOWER INC;	MODULARES ROTORBLATT FÜR EINE STROMERZEUGUNGSTURBINE UND VERFAHREN ZURHERSTELLUNG EINER STROMERZEUGUNGSTURBINE MIT MODULAREN ROTORBLÄTTERN
AT527446T T 20111015	WO2006DE01249;	F03D007/00; F16D065/18; F03D007/02;	S B PATENT HOLDINGS APS;	BREMSVORRICHTUNG
AT527447T T 20111015	DE200810022617; WO2009EP53616;	F03D009/00; F03D011/00;	SIEMENS AG;	WINDENERGIEANLAGE UND WINDENERGIEPARK MIT EINER VIELZAHL VONWINDENERGIEANLAGEN
AT528503T T 20111015	DE200610051352;	F03D007/02;	NORDEX ENERGY GMBH;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
AT528504T T 20111015	EP20070120177;U S20070990858P;W O2008DK00395;	F03D007/04; F03D007/02;	VESTAS WIND SYS AS;	DIAGNOSE VON ANSTELLWINKEL- UND LASTFEHLERN
AT528505T T 20111015	DE200710040036;	G01W001/12; F03D011/00;	FACHHOCHSCHULE KIEL;	VORRICHTUNG UND VERFAHREN ZUR MESSUNG DES WIEDERKEHRENDENSCHATTENWURFS EINER WINDENERGIEANLAGE
AT529630T T 20111115	CH20020001570;W O2003CH00625;	F03D001/02;	EOTHEME SARL;	MIT ZWEI GEGENLÄUFIGEN ROTOREN VERSEHENE ANTRIEBSVORRICHTUNG FÜR EINEWINDMÜHLE
AT529631T T 20111115	GB20040015545;G B20040016077;WO 2005GB02733;	F03D001/06; F03D003/06; H02K007/14;	MARSH PAUL;PEACE STEVEN;	MODULARE KONSTRUKTION FÜR WINDTURBINENFLÜGEL
AT529632T T 20111115	DE200710019907;	F03D007/02; F03D007/04; F03D011/02; H02P009/10;	NORDEX ENERGY GMBH;	VORRICHTUNG ZUR AKTIVEN DÄMPFUNG EINES TRIEBSTRANGS BEI EINERWINDENERGIEANLAGE

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AT529633T T 20111115	DE200710002136;	F03D011/00; F03D007/02; F16D065/18;	NORDEX ENERGY GMBH;	WINDENERGIEANLAGE MIT EINER HYDRAULISCH BETÄTIGTEN ROTORBREMSE UNDVERFAHREN ZUR HYDRAULISCHEN STEUERUNG EINER ROTORBREMSE
AT529659T T 20111115	GB20030026933;W O2004IB03949;	F16H001/28; F03D011/02;	HANSEN TRANSMISSIONS INT;	ZAHNRADGETRIEBEINHEIT MIT PLANETENRADTRÄGER
AT530440T T 20111115	IT2006TO00400;W O2007IB01397;	F03D011/00; G08B019/02; B64D015/20;	SISVEL SPA;	VERFAHREN UND SYSTEM ZUR ERFASSUNG DES RISIKOS VON VEREISUNG VONAERODYNAMISCHEN FLÄCHEN
AT530764T T 20111115	DK20070000229;W O2007DK00385;	F03D001/06; F03D011/00;	VESTAS WIND SYS AS;	WINDTURBINE UND VERFAHREN ZUR HERSTELLUNG MINDESTENS EINER ÖFFNUNG INDEM SPINNER AN DER NABE EINES WINDTURBINENROTORS
AT530765T T 20111115	EP20080012871;	F03D007/02;	SIEMENS AG;	VERFAHREN UND ANORDNUNG ZUR DÄMPFUNG VON TURMSCHWINGUNGEN
AT530766T T 20111115	DE200710035570; WO2008DE01246;	H02P009/00; F03D009/00;	UNIV KASSEL;	DOPPELT GESPEISTER ASYNCHRONGENERATOR UND VERFAHREN ZU DESSEN BETRIEB
AT530782T T 20111115	EP20080004588;	F16C023/04; F03D011/00; F16C017/02; F16C039/04; F16C033/10;	SIEMENS AG;	VORRICHTUNG MIT EINER STÜTZSTRUKTUR UND EINEM DREHSCHAFT UND WINDTURBINE
AT531937T T 20111115	DK20050001312;W O2006DK00516;	F03D011/00; F03D001/06; F03D001/00;	LM GLASFIBER AS;	WINDTURBINENSCHAUFEL MIT ZUBEHÖRVORRICHTUNGEN UND VERFAHREN ZUR WARTUNG DIESER WINDTURBINENSCHAUFEL DURCH VERWENDUNG DIESER VORRICHTUNGEN

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AT531938T T 20111115	DE200410010104; DE200410022299;	F03D011/00; H01R039/64; H02G013/00;	REPOWER SYSTEMS AG;STEMMANN TECHNIK GMBH;	BLITZSCHUTZEINRICHTUNG FÜR WINDENERGIEANLAGEN
AT531939T T 20111115	DK20060000912;W O2007DK00332;	F03D011/00;	VESTAS WIND SYS AS;	PRÜFSTAND MIT EINEM WINKELEINSTELLMITTEL UND VERFAHREN ZUM PRÜFEN VONWINDTURBINENAUSRÜSTUNG
AT532739T T 20111115	DK20050000092;W O2006DK00030;	F03D001/00; B66C001/42;	A2SEA AS;	HUBVORRICHTUNG FÜR EINEN WINDTURBINENGENERATOR
AT532961T T 20111115	US20080241507;	H02K011/00; H02K007/0102; F03D007/02; H02K007/18;	GEN ELECTRIC;	WINDTURBINENGENERATORBREMSE UND ERDUNGSBÜRSTENANORDNUNG
AT532962T T 20111115	GB20020002435;W O2003GB00442;	F03D011/04; F03D009/00; F03D001/04;	GORDON DAVID HYMAN;	AUF DEM DACH MONTIERTE WINDTURBINE
AT532963T T 20111115	WO2008EP02265;	F03D011/00; H02K009/00;	POWERWIND GMBH;	WINDENERGIEANLAGE UND VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
AT533044T T 20111115	DE200710059502; WO2008DE01975;	G01N025/72; F03D011/00;	FRAUNHOFER GES FORSCHUNG;	VERFAHREN ZUM PRÜFEN EINES ROTORBLATTS EINER WINDKRAFTANLAGE UNDPRÜFVORRICHTUNG
AT533939T T 20111215	DE200720003842U ;WO2008EP01848;	F03D001/00;	MECAL APPLIED MECHANICS B V;	MAST FÜR EINE WINDTURBINE
AT533940T T 20111215	EP20080016398;	F03D007/02; G01P005/02; G01P013/02;	SIEMENS AG;	VERFAHREN ZUR AUSRICHTUNG EINER KOMPONENTE IN WINDRICHTUNG UND SENSORZUR BESTIMMUNG DER FEHLAUSRICHTUNG DER KOMPONENTE IN BEZUG AUF DIE WINDRICHTUNG

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AT533941T T 20111215	DE200410012974;	F03D011/00; F03D001/00;	W2E WIND TO ENERGY GMBH;	VERFAHREN ZUM BEREITSTELLEN EINER SEILWINDE AN EINER WINDENERGIEANLAGE UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS
AT533951T T 20111215	FR200500071110;	F03D011/00; F16C019/55; F03D001/06;	DEFONTAINE;	LAGERANORDNUNG ZUR KRAFTÜBERTRAGUNG EINER WINDENERGIEANLAGE
AT534817T T 20111215	WO2004DK00467;	F03D001/06;	VESTAS WIND SYS AS;	AUS ZWEI GETRENNTEN TEILEN HERGESTELLTE WINDTURBINENFLÜGEL
AT534818T T 20111215	DE200510046860; WO2006EP01278;	F03D007/04;	DAUBNER & STOMMEL GBR BAU WERK PLANUNG;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
AT534832T T 20111215	DE200910014922;	F16C019/38; F03D011/00; F16C033/66;	SKF AB;	FETTGESCHMIERTES ZWEIREIHIGES WÄLZLAGER UND LAGERSYSTEM MIT EINEM DERARTIGEN WÄLZLAGER UND EINER SCHMIEREINRICHTUNG
AT534866T T 20111215	DE200520014699U ;	F03D007/02; F03D011/00; F16H057/04; F16N007/12;	BAIER & KOEPEL GMBH & CO;	ANSTELLWINKLEINSTELLVORRICHTUNG FÜR EINE WINDKRAFTANLAGE
AT535664T T 20111215	DE200910014926;	E04H012/12; F03D011/04;	DROESSLER GMBH UMWELTECHNIK;	TURM
AT535710T T 20111215	DE200710008167;	F03D001/06; F03D007/02;	NORDEX ENERGY GMBH;	WINDENERGIEANLAGE
AT535711T T 20111215	EP20080011962;	F03D011/00; F03D001/06;	SIEMENS AG;	WINDTURBINENSCHAUFEL MIT BLITZREZEPTOR UND VERFAHREN ZUM SCHUTZ DER OBERFLÄCHE EINER WINDTURBINENSCHAUFEL
AT535713T T 20111215	DE200710052863;	F03D007/02; F03D007/04;	REPOWER SYSTEMS AG;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE

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AT535984T T 20111215	US20060788423P; WO2007IB00746;	F03D009/00; H02K007/18; H02K015/16; H02K007/0116;	CLIPPER WINDPOWER LLC;	ELEKTRISCHER GENERATOR FÜR WIND- UND WASSERTURBINEN
AT536317T T 20111215	IT2009MI00119;	B65D081/05; B66C001/62; F03D011/00; B65D061/00;	WILIC S AR L;	VERPACKUNG FÜR WINDKRAFTTURBINENSCHAUFEL UND VERPACKUNGSVERFAHREN
AT536475T T 20111215	DK20050001397;W O2006DK00560;	F03D011/00; H02G013/00;	LM GLASFIBER AS;	WINDENERGIEANLAGE MIT BLITZSCHUTZANORDNUNG
AT536476T T 20111215	DK20070001514;D K20070001856;US 20070015799P;WO 2008DK00369;	F03D011/02; F16H057/08; F03D011/00;	VESTAS WIND SYS AS;	PLANETENGETRIEBESTUFE FÜR EIN WINDTURBINENGETRIEBE,WINDTURBINENGETRIEBE UND WINDTURBINE
AT537356T T 20111215	WO2006DK00326;	B64C023/06; F03D011/00; F03D001/06;	VESTAS WIND SYS AS;	WINDTURBINENROTORBLATT UND PITCHGEREGELTE WINDTURBINE
AT537357T T 20111215	IT2007NA00103;W O2008IB54316;	F03D011/04; F03D003/06; F03D003/00;	CAPUTI ORESTE;	QUERSTROMTURBINE
AT537360T T 20111215	US20080290488;	F03D011/02; F16H001/46; F16H001/28;	GEN ELECTRIC;	PLANETENGETRIEBE MIT LEISTUNGSVERZWEIGUNG FÜR WINDTURBINEN
AT537383T T 20111215	GB20070011043;U S20070942675P;W O2008GB01953;	F16H047/04; F03D011/02;	ORBITAL2 LTD;	GETRIEBE MIT VARIABLER ÜBERSETZUNG
AU2009315457 A1 20111124	GB20090006713;W O2009GB02561;	F03D009/02; F03B013/26; F03B013/06; F03B013/18;	JOHN SCHETRUMPF;	A SAFE DAM COMPLEX TO EXTRACT STORE AND CONVERT RENEWABLE ENERGIES

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AU2009322104 A1 20110707	US20080120338P; US20090220187P; US20090271179P; WO2009US66875;	F03D003/06;	MODULAR WIND ENERGY INC;	EFFICIENT WIND TURBINE BLADES, WIND TURBINE BLADE STRUCTURES, AND ASSOCIATED SYSTEMS AND METHODS OF MANUFACTURE, ASSEMBLY AND USE
AU2009328527 A1 20110707	EP20080021970;W O2009EP08941;	F03D011/04; B63B035/44;	OPENHYDRO IP LTD;	A HYDROELECTRIC TURBINE SUPPORT SYSTEM
AU2009328799 A1 20110728	DE200810063783; WO2009DE01794;	F03D009/00; H02K007/18;	WIND DIRECT GMBH;	GENERATOR FOR A WIND ENERGY INSTALLATION AND METHOD FOR ITS PRODUCTION
AU2009334630 A1 20110721	FR20080007080;F R20090051329;WO 2009FR52566;	G01S013/88; G01S013/87; G01S013/56; F03D007/00; G01S013/93;	HENRI-PIERRE ROCHE;	METHOD FOR DETECTING A BIRD OR A FLYING OBJECT
AU2009337789 A1 20110901	US20090144713P; WO2009EP53359;	H02K007/18; F03D001/00; F03D009/00;	AMSC WINDTEC GMBH;	GENERATOR, NACELLE, AND MOUNTING METHOD OF A NACELLE OF A WIND ENERGY CONVERTER
AU2009342240 A1 20111103	DE200910013311; WO2009EP03403;	F03D011/00; H05K007/20; F03D007/02;	SUZLON ENERGY GMBH;	DRIVE DEVICE FOR A WIND TURBINE
AU2009346320 A1 20111215	JP20090114330;W O2009JP60661;	F03D007/06;	GLOBAL ENERGY CO LTD;	VERTICALLY LONG BLADES FOR VERTICAL AXIS WIND WHEEL
AU2010200470 A1 20110825	AU20100200470;	F03D011/04; F03D001/04;	RAYMOND GREEN;	WIND POWER APPARATUS
AU2010201617B B1 20110728	WO2010JP51933;	F03D011/00; F16C035/67; F03D001/00;	MITSUBISHI HEAVY IND LTD;	METHOD OF REPAIRING BEARING OF WIND TURBINE GENERATOR



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AU2010201622B B1 20110721	WO2010JP52657;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND SOUNDNESS DIAGNOSIS METHOD THEREOF
AU2010201625B B1 20110721	WO2010JP52291;	F03D007/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
AU2010207456 A1 20110728	IT2009TO00008U; WO2010IT00015;	D07B005/00; D07B001/02; D07B001/00; D07B001/16; F03D005/00;	SEQUOIA AUTOMATION S R L;	TETHER FOR TROPOSPHERIC AEOLIAN GENERATOR
AU2010212668 A1 20110901	GB20090002289;W O2010GB00258;	E02D027/42; F03D001/00; E02D027/52; E02D013/04; E02B017/02;	MARINE CURRENT TURBINES LTD;	INSTALLING SUBMERGED SUPPORT STRUCTURES
AU2010213945 A1 20110929	US20090369949;W O2010US23554;	F03D011/00; F03D011/04; F03D001/04;	QUALITY RES DEV & CONSULTING INC;	TURBINE-INTAKE TOWER FOR WIND ENERGY CONVERSION SYSTEMS
AU2010220551 A1 20111027	EP20090002955;W O2010EP01278;	F03D009/00; G01H001/08;	SUZLON ENERGY GMBH;	METHOD FOR MONITORING WIND TURBINES
AU2010220934 A1 20110825	NL20091036653;W O2010NL00034;	F03D005/00;	FRANKLIN HAGG;	FLOATING FLUE
AU2010223297 A1 20110929	GB20090004029;W O2010EP52993;	F03D003/06;	WINDJOULE LTD;	VERTICAL AXIS WIND TURBINE
AU2010223500 A1 20110922	TR20090001965;W O2010EP51480;	F03D003/00;	SELIM SOZ;	WIND TURBINE WITH HORIZONTAL SHAFT PERPENDICULAR TO WIND DIRECTION

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AU2010224746 A1 20111013	ES20090000735;W O2010ES70112;	F03D011/04;	APIA XXI S A;	FLOATING PLATFORM FOR EXTRACTING WIND ENERGY
AU2010225556 A1 20110929	KR20090022061;W O2010KR02785;	F03D011/02; F03D003/06; F03D003/04;	SUNG LEE MIN;	WIND POWER GENERATOR
AU2010227499 A1 20111110	DK20090000407;U S20090163260P;W O2010EP53905;	H02J003/24;	VESTAS WIND SYS AS;	IMPROVED FREQUENCY CONTROL
AU2010227613 A1 20111006	DE200910014012; WO2010EP53760;	H02J003/04; H02P009/10; H02J003/38; F03D009/00; H02J003/06;	WOBEN ALOYS;	METHOD FOR OPERATING A WIND TURBINE
AU2010228102 A1 20111020	AT20090000489;W O2010AT00086;	F03D011/02; H02K007/0116;	GERALD HEHENBERGER;	ENERGY PRODUCTION PLANT, IN PARTICULAR A WIND POWER STATION
AU2010228104 A1 20111013	AT20090000490;W O2010AT00088;	F03D007/04;	GERALD HEHENBERGER;	ENERGY PRODUCTION PLANT, IN PARTICULAR WIND POWER STATION
AU2010232745 A1 20110922	US20090164509P; WO2010US29156;	F03D011/00;	FLODESIGN WIND TURBINE CORP;	SEGMENTED WIND TURBINE
AU2010233708 A1 20111027	DE200910017068; DE200910034329; WO2010EP54657;	F03D001/00; B60P003/40; B61D003/16;	WOBEN ALOYS;	TRANSPORT DEVICE
AU2010234767 A1 20111027	US20090166791P; WO2010US29610;	F03D011/02; F03D001/00;	BITAR PETER;	COAXIAL WIND TURBINE

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AU2010236656 A1 20111117	US20090424617;W O2010US30800;	F03D007/04;	FRONTIER WIND LLC;	PRESSURE BASED LOAD MEASUREMENT
AU2010236891 A1 20111013	US20090425358;U S20090629714;WO 2010US29079;	F03D001/04;	FLODESIGN WIND TURBINE CORP;	WIND TURBINE
AU2010238786 A1 20111201	AT20090000606;W O2010EP02406;	F03D009/00; H02J003/18;	GERALD HEHENBERGER;	ENERGY GENERATING INSTALLATION, ESPECIALLY WIND POWER INSTALLATION
AU2010238787 A1 20111201	AT20090000604;W O2010EP02407;	F03D009/00; H02J003/01;	GERALD HEHENBERGER;	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
AU2010238788 A1 20111201	AT20090000605;W O2010EP02408;	F03D009/00; H02J003/01;	GERALD HEHENBERGER;	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
AU2010238790 A1 20111201	DE200910017824; WO2010EP02411;	F03D011/00;	SUZLON ENERGY GMBH;	TRANSMISSION DEVICE FOR A WIND TURBINE
AU2010241093 A1 20111110	DE200910002501; WO2010EP54835;	F03D001/06; B29C070/44;	WOBLEN ALOYS;	ROTOR BLADE, ROTOR BLADE ELEMENT AND PRODUCTION METHOD
AU2010243524 A1 20111222	IT2009MI00725;W O2010EP55860;	H02G013/00; F03D011/00;	WILIC S A R L;	WIND POWER SYSTEM FOR GENERATING ELECTRIC ENERGY
AU2010244031 A1 20111222	CN20091107200;W O2010CN72407;	B60K003/00; B60K016/00; F03D009/00;	YANG CONG;	MOTOR VEHICLE

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AU2010245162 A1 20111117	US20090215201P; US20090215202P; US20090215204P; WO2010US30071;	F03D005/00;	SKYWIND INC;	SYSTEM AND METHOD FOR UMBRELLA POWER GENERATION
AU2010251285 A1 20111215	DE200910026407; WO2010EP56724;	B64F001/20; F03D011/04; F03D011/00;	WOBLEN ALOYS;	METHOD FOR CONTROLLING AN OBSTRUCTION LIGHT
AU2010256254 A1 20111222	CN20091111878;C N20092139537U;W O2010CN00759;	F03D003/02; F03D003/04;	SHENGQING LEI;YUENING LEI;	SQUARE ACTIVE-BODY COMPRESSED WIND GENERATING APPARATUS
AU2011100519 A4 20110728	AU20110100519;	F03D003/02; F03D011/04;	BAKER LEONARDUS;	VERTICAL AXLE WINDMILL MK 2010
AU2011100883 A4 20110901	AU20110100883;	F03D011/00; F03D003/00; H02P009/00;	BQS;	BQS - WATTPower WIND GENERATOR
AU2011100926 A4 20111124	AU20110100926;	F02C003/22; F02B043/00; F02B043/10; F03D009/02; F03B013/12; C25B001/04; H01L031/42;	POLYWORLD PTY LTD;	ENERGY STORAGE AND REPRODUCTION SYSTEM
AU2011101036 A4 20110915	AU20110101036;	F03D003/00; F03B003/00;	SCIENT RES INST OF ENERGY STRUCTURES JSC;	LOW-HEAD ORTHOGONAL TURBINE
AU2011101237 A4 20111110	AU20110101237;	F03D011/00; F03D003/06; F03D003/00;	NOKUTA PTY LTD;	METHOD AND APPARATUS FOR ENHANCING ENERGY GENERATION
AU2011101302 A4 20111110	AU20100904940;A U20110101302;	F03D003/04; F03D003/00;	DOCKAL ZDENEK;	UTILISING AIR FLOW (WIND) IN SEMI ENCLOSED SPACES TO PROVIDE MECHANICAL POWER-ELECT

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AU2011101429 A4 20111208	AU20110101429;	F03D003/00; F03D011/00; H02K007/00;	GAETANO GIANFRANCESCO;	TURBINE POWER
AU2011202716 A1 20110728	AU20080900118;A U20100902455;AU 20110202716;	F03D003/00; F03D003/04;	ETTRIDGE DAVID;	LIBERTY NRGPLUS
AU2011218646 A1 20110915	AU20110218646;	F03D001/06; F03D011/00;	ALOYS WOBLEN;	ROTOR BLADE FOR A WIND POWER PLANT
AU2011226784 A1 20111013	AU20110226784;	F03D011/02; F03D001/06; F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR
BE1018730 A3 20110705	BE20090000255;	F03D005/06;	ALBERTO GONZALES DOMINGO MIGUEL;	ELEKTRISCHE GENERATOR MET WINDMOTOR VAN SCHOMMELEND EN TELESCOPISCHEMAST EN MET EEN ZEILROTOR.
BE1018806 A3 20110906	BE20090000400;	F03D003/00; F03D003/06;	ERAUW ALEX;	WINDTURBINE
BE1018966 A3 20111206	BE20090000641;	F16H057/08; F16H001/28; F03D011/02;	HANSEN TRANSMISSIONS INT;	PLANETAIR TANDWIELSTELSEL EN PLANETENDRAGER VOOR TOEPASSING IN ZULKPLANETAIR TANDWIELSTELSEL.
BE1018974 A3 20111206	BE20090000649;	F16H001/28; F16H057/08; F03D011/02;	HANSEN TRANSMISSIONS INT;	PLANETAIR TANDWIELSTELSEL EVENALS PLANETENDRAGER, RINGWIEL ENZONNEWIEL VOOR TOEPASSING IN ZULK PLANETAIR TANDWIELSTELSEL.
BRMU8900024U U2 20110906	BR2009MU890002 4U;	F03D003/06;	DE OLIVEIRA ELISSON FELIZARDO;RODRIGUES NEDER TOMAS;SOBREIRA ARINDO CANDIDO;	MOTOR EÓLICO VERTICAL

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BRPI0612953 A2 20111025	ES20050000965;W O2006ES00194;	E04H012/16; F03D011/04; E04H012/12;	STRUCTURAL CONCRETE & STEEL S L;	TORRE MODULAR PRÉ-FABRICADA
BRPI0617344 A2 20110726	EP20050109523;W O2006EP67296;	F03D001/06; F03D011/02;	ECOTECNIA EN RENOVABLES S L;	PÁ DE TURBINA EÀLICA
BRPI0617363 A2 20110726	NO20050004704;W O2006NO00357;	H02K007/18; H02K015/02; F03D011/02; H02K021/00; H02K007/14; F03D011/00; F03D001/04; B63H013/00; H02K007/09; F03B013/10;	SWAY AS;	GERADOR/MOTOR DE TRAÇO DIRETA PARA UMA PLANTA/VASO DE MOINHO DEVENTO/HIDRO-ENERGIA ONDE O GERADOR/MOTOR É CONFIGURADO COMO UM PERFIL OCO E UM MÉTODO PARA MONTAGEM DE UMA TAL PLANTA DE MOINHO DE VENTO/HIDRO-ENERGIA
BRPI0617368 A2 20110726	SE20050002295;W O2006SE50401;	H01M008/18; H01M008/06; C25B001/02; C25B005/00; F03D009/02;	MORPHIC TECHNOLOGIES AB;	MÉTODO E SISTEMA PARA PRODUZIR, CONVERTER E ARMAZENAR ENERGIA
BRPI0617455 A2 20110726	DK20050001451;W O2006DK00582;	F03D001/06;	LM GLASFIBER AS;	LÂMINA PARA UM ROTOR DE TURBINA EÀLICA
BRPI0618506 A2 20110906	GB20050023087;G B20050024635;WO 2006GB04228;	H02J003/38; H02P009/04; H02M005/0458 ; F03D007/02;	CONVERTEAM LTD;	CONVERSORES DE POTÊNCIA
BRPI0619445 A2 20111004	DK20050001714;W O2006DK00689;	F03D011/00;	LM GLASFIBER AS;	LÂMINA PARA ROTOR DE TURBINA DE VENTO

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BRPI0620720 A2 20111122	DK20050001841;W O2006DK00746;	F03D001/06; B23C003/12;	LM GLASFIBER;	MÉTODO PARA FABRICAÇÃO DE UMA LÂMINA PARA UMA TURBINA EÓLICA, TURBINA EÓLICA, E, UNIDADE DE NIVELAMENTO PARA USO EM CONEXÃO COM A FABRICAÇÃO DE UMA LÂMINA PARA UMA TURBINA EÓLICA
BRPI0620834 A2 20111129	DE200510062908; WO2006EP12584;	F03B017/06;	HAMANN GEORG;	DISPOSITIVO E SISTEMA PARA A PRODUÇÃO DE ENERGIA HIDRÁULICA REGENERATIVA E RENOVÁVEL
BRPI0621202 A2 20111206	WO2006IB50467;	F03D011/00; F03D001/00;	VESTAS WIND SYS AS;	DISPOSITIVO PARA A FIXAÇÃO DE UMA EXTREMIDADE DE UM MEMBRO, SEU USO E ESTRUTURA RESULTANTE
BRPI0621442 A2 20111213	WO2006DK00153;	F03D007/04;	VESTAS WIND SYS AS;	MÉTODO PARA REDUZIR FADIGA POR EFEITO DE CARGAS NOS COMPONENTES DE UMA TURBINA EÓLICA SUBMETIDA A ESFORÇO ASSIMÉTRICO DE CARGA DE SEU ROTOR, SISTEMA DE CONTROLE PARA REDUZIR AS FADIGA POR EFEITO DE CARGAS NOS COMPONENTES DE UMA TURBINA EÓLICA SUBMETIDOS A ESFORÇO ASSIMÉTRICO DE CARGA NO PLANO DE SEU ROTOR, TURBINA EÓLICA, E ÁREA DE CAPTAÇÃO DE VENTOS
BRPI0621597 A2 20111213	WO2006IT00279;	F03D005/00;	KITE GEN RES S R L;	SISTEMA EÓLICO PARA CONVERTER ENERGIA ATRAVÉS DE PERFIS DE ASA DE POTÊNCIA E PROCESSO PARA PRODUZIR ENERGIA ELÉTRICA ATRAVÉS DE TAL SISTEMA
BRPI0621963 A2 20111227	WO2006CN02266;	F03D001/00;	SHOUQUAN SUN;	DISPOSITIVO COM CORREIA DE TRANSMISSÃO PARA ACELERAÇÃO DE IMPULSO EM CONJUNTO DE GERADOR DE ENERGIA EÓLICA

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BRPI0709837 A2 20110726	DE200610015527; DE200610016111; DE200610020752; DE200610045559; DE200610053180; WO2007EP51940; WO2007EP53015;	F03G007/04; F01K027/00; F03D009/00; F01K025/00;	WOLTER KLAUS;	MÉTODO, DISPOSITIVO E SISTEMA PARA A CONVERSÃO DE ENERGIA
BRPI0709855 A2 20110726	NL20061031492;N L20062000302;WO 2007NL50137;	F03D007/02; F03D011/00; F03D001/06;	CORTEN GUSTAVE PAUL;	TURBINA EOLICA, E, MÉTODO PELO QUAL UMA PRIMEIRA LÂMINA DE UMA TURBINAEXISTENTE É REMOVIDA E SUBSTITUÍDA POR UMA OUTRA LÂMINA
BRPI0710019 A2 20110802	DK20060000653;W O2007DK00217;	H02G013/00; F03D011/00;	VESTAS WIND SYS AS;	PÁ DE ROTOR DE TURBINA EÓLICA, TURBINA EÓLICA, E MÉTODO PARAFABRICAÇÃO DE UMA PÁ DE ROTOR DE TURBINA EÓLICA
BRPI0710350 A2 20110809	DK20060000700;W O2007EP54962;	F16H001/36; F03D011/02;	VESTAS WIND SYSTEMS AS;	SISTEMA DE ENGRENAGENS PARA UMA TURBINA DE VENTO, CAIXA DE ENGRENAGENSE TURBINA
BRPI0711283 A2 20110927	DE200610022279; WO2007EP54533;	F03D001/06;	ALOYS WOBLEN;	LÂMINA DE ROTOR PARA UMA INSTALAÇÃO DE ENERGIA EÓLICA, E, INSTALAÇÃODE ENERGIA EÓLICA
BRPI0806378 A2 20110913	DK20070000106;W O2008DK00028;	F03D001/06; F03D011/00;	VESTAS WIND SYS AS;	MÉTODO PARA MOVER UM COMPONENTE DE TURBINA EÓLICA, TAL COMO CUBO DE TURBINA EÓLICA DE UMA POSIÇÃO DE TRANSPORTE A UMA POSIÇÃO DE MONTAGEM DE TURBINA EÓLICA, CUBO DE TURBINA EÓLICA, UNIDADE DE MANIPULAÇÃO E SEU USO
BRPI0904590 A2 20110802	BR2009PI04590;	F03D003/00;	PIMENTEL DO REGO FREITAS LUIZ FERNANDO;	TURBINA EÓLICA À VELA



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BRPI0904699 A2 20110712	BR2009PI04699;	F03D009/00;	ROCHA PAES CRISTIANO;RODRIGUES FORSSELL BRUNO FRANCISCO;	SISTEMA DE APROVEITAMENTO DA ENERGIA EÓLICA GERADA NOS TÚNEIS DE LINHA FÉRREA PELO DESLOCAMENTO DE TRENS SUBTERRÂNEOS E/OU DE SUPERFÍCIE PARA GERAÇÃO DE ENERGIA ELÉTRICA
BRPI0905431 A2 20110823	BR2009PI05431;	F03D003/06;	DOS SANTOS REGINALDO ABDON;	USINA COMPLEMENTAR PARA EDIFÍCIOS
BRPI1000515 A2 20110920	BR2010PI00515;	F03D003/00;	FARIAS ERIBERTO;	GERADOR COAXIAL
BRPI1001055 A2 20111213	BR2010PI01055;	G01F023/00; H01L031/02; F03D009/00;	JOSE FIORAVANTE FABRI;	SISTEMA DE ALIMENTAÇÃO DE SENSORES DE MONITORAMENTO DE PRODUTOS PERIGOSOS E TRANSMISSÃO DE DADOS VIA RÁDIO FREQUÊNCIA PARA A CENTRAL DE MONITORAMENTO
BRPI1002081 A2 20110726	IT2009MI01029;	F03D007/04; G01P003/36;	WILIC S A R L;	SISTEMA DE GERAÇÃO DE ENERGIA POR FORÇA EÓLICA E RELATIVO MÉTODO DE CONTROLE
CA2689739 A1 20110705	CA20102689739;	F03D003/06; F03B011/00; F03B003/14;	AROV ANATOLY;	FLOW ENGINE
CA2690955 A1 20110728	CA20102690955;	F03D003/06; F03D003/00; E04H012/00;	BLANC OLIVIER;	WIND TURBINE STRUCTURE AND METHOD OF ASSEMBLY
CA2693752 A1 20110818	WO2010JP52441;	F03D007/02; H02K007/18;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR
CA2693766 A1 20110808	WO2010JP51790;	F03D011/00; H02K007/18;	MITSUBISHI HEAVY IND LTD;	WIND GENERATOR

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CA2693802 A1 20110727	WO2010JP51062;	F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND YAW ROTATION CONTROL METHOD FOR WINDTURBINE GENERATOR
CA2693871 A1 20110810	WO2010JP51953;	F03D007/04; F03D001/06; F03D011/00;	MITSUBISHI HEAVY IND LTD;	LINK PIN EXCHANGING DEVICE FOR WIND TURBINE GENERATOR AND LINK PINEXCHANGING METHOD
CA2694111 A1 20110810	WO2010JP51978;	H02K007/18; F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME
CA2694124 A1 20110812	WO2010JP52094;	F16H001/28; F03D011/02; F16H057/04; F16H057/08;	MITSUBISHI HEAVY IND LTD;	GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
CA2694130 A1 20110812	WO2010JP52101;	F03D011/02; F16H057/08; F16H001/28; F16H057/04;	MITSUBISHI HEAVY IND LTD;	GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
CA2694385 A1 20110911	CA20102694385;	F03D009/00; H02J007/14; F03D001/00; H02K007/18;	THIBAUT MAURICE;	WIND DRIVEN BATTERY CHARGER
CA2695595 A1 20110905	CA20102695595;	F03D005/06; F03G007/00;	CATER LAWRENCE;TETAKA JAMES;	TRAFFIC DRIVEN WIND ENERGY GENERATOR
CA2695631 A1 20110908	CA20102695631;	F03D003/00; F03D003/04;	PANASIUK NICK JR;	THE ULTIMATE TURBINE
CA2696056 A1 20110803	WO2010JP51498;	F16D001/06; F03D011/00; F01D025/36; F01D025/34;	MITSUBISHI HEAVY IND LTD;	ROTOR TURNING DEVICE FOR WIND TURBINE GENERATOR AND ROTOR TURNINGMETHOD

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CA2696758 A1 20110917	CA20102696758;	F03D003/06; F03B003/12; F03D003/04;	GAMET DANIEL;	VERTICAL AXIS TURBINE COMPATIBLE WITH WIND TURBINES AND MARINE CURRENTTURBINES
CA2696821 A1 20110919	CA20102696821;	F03D005/00;	PANASIUK NICK JR;	THE ULTIMATE WIND TURBINE - PHASE II
CA2696822 A1 20110922	CA20102696822;	F03D011/00;	SZCZUDLO MACIEK;	EXPANDABLE AND RETRACTABLE WIND TURBINE BLADE
CA2696849 A1 20110812	WO2010JP52087;	F03D007/00; H02K007/18; F03D011/00;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR, WIND TURBINE GENERATOR ANDWIND POWER SITE
CA2696973 A1 20110810	WO2010JP51994;	F16N001/00; F16N031/00; F03D011/00; F16N009/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
CA2697522 A1 20110729	WO2010JP51194;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
CA2697557 A1 20110728	WO2010JP51112;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND MAINTENANCE METHOD THEREOF
CA2697859 A1 20110715	WO2010JP50435;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND START-UP METHOD OF THE SAME
CA2698438 A1 20111008	CA20102698438;	F03D001/04; F03D003/04;	POWER BERNARD A;	AN ECONOMICAL METHOD FOR GREATLY INCREASING THE POWER FROM A WINDMILL

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CA2698440 A1 20111008	CA20102698440;	B60R099/00; F41H013/00; F03D011/00; F15D001/10; B63B001/32; B62D039/00; F41H007/00;	TONG RAYMOND EDMUND;	AIR AND FLUIDS PRESSURE DIFFERENTIAL EQUALIZING SYSTEM" FOR AIR ANDFLUIDS"
CA2703174 A1 20110808	WO2010JP51831;	F03D011/00; F03D007/04; F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND BLADE PITCH ANGLE CONTROL METHOD THEREOF
CA2706788 A1 20111014	US20100342395P;	F03B017/06; F03B003/14; F03D003/06;	BAUSE PATRICK;	VERTICAL AXIS WIND AND WATER TURBINE (KOLOTOC)
CA2708198 A1 20111106	WO2010JP57754;	F03D011/04;	MITSUBISHI HEAVY IND LTD;	OFFSHORE WIND TURBINE GENERATOR
CA2708906 A1 20110819	WO2010JP52534;	F16N017/04; F01M005/02; F02N019/00; F03D011/00; F16N039/04; F16C033/66; F01M005/00;	MITSUBISHI HEAVY IND LTD;	STARTING METHOD FOR ROTATING MACHINE AND STARTING METHOD FOR WINDTURBINE GENERATOR
CA2715920 A1 20110808	WO2010JP51769;	F01M005/00; F16N039/04; F03D011/00; F16H057/04; F16N017/04;	MITSUBISHI HEAVY IND LTD;	LUBRICANT HEATING MECHANISM, GEAR MECHANISM, AND WIND TURBINEGENERATOR USING THE SAME
CA2715930 A1 20110808	WO2010JP51775;	F03D007/04; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND NACELLE TURNING METHOD

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CA2717971 A1 2011020	US20100326114P;	F03D009/00; F01D015/10;	1444555 ALBERTA LTD;	TURBINE FOR A FLUID STREAM
CA2722293 A1 20110708	CA20102722293;	F03D011/00; F03G007/10;	HAMELINCK JASON;	SELF GENERATED WIND MILLS POWERED BY HUGE INDUSTRIAL FANS
CA2727702 A1 20110714	DE201010004661;	F03D011/00;	SIEMENS AG;	VANADIUM-BASED HARD MATERIAL COATING OF A WIND POWER PLANT COMPONENT
CA2727704 A1 20110714	EP20100000318;	F16H055/06; F03D011/00;	SIEMENS AG;	GEAR ASSEMBLY AND WIND TURBINE
CA2727705 A1 20110714	DE201010004662;	F03D011/00;	SIEMENS AG;	BORON-BASED REFRACTORY COATING FOR A WIND TURBINE COMPONENT
CA2727707 A1 20110714	EP20100000317;	F03D011/00; B66C001/42; B66C001/28; B66C001/16; B66C013/08;	SIEMENS AG;	CLAMP FOR CLAMPING A BLADE FOR A WIND TURBINE AND METHOD OF INSTALLING WIND TURBINE BLADES
CA2727996 A1 20110718	EP20100000418;	B60P007/00; F03D011/00; B65B063/00; F03D011/04;	SIEMENS AG;	METHOD OF TRANSPORTATION FOR WIND TURBINE TOWER
CA2728557 A1 20110720	EP20100000542;	F03D011/00; H02K001/28;	SIEMENS AG;	MAGNET ASSEMBLY
CA2728836 A1 20110720	EP20100000543;	F03D007/00; F03D007/04; H02J003/38; H02P009/04;	SIEMENS AG;	WIND FARM POWER CONTROL BASED ON MATRIX REFLECTING A POWER LOAD DISTRIBUTION BETWEEN INDIVIDUAL WIND TURBINES

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CA2729397 A1 20110729	EP20100000950;	G01L005/00; F03D011/00; B23B047/28;	SIEMENS AG;	METHOD OF ATTACHING A LOAD SENSOR TO A SURFACE OF A ROTOR BLADE AND ROTOR BLADE
CA2729531 A1 20110728	EP20100000880;	B29C045/17; F03D011/00;	SIEMENS AG;	METHOD AND ARRANGEMENT TO IMPROVE THE PRODUCTION OF A BLADE
CA2730109 A1 20111028	WO2010JP57613;	F03D011/00; H02K007/18; F16C019/54; H02K007/08; F16C023/06; F03D011/02;	MITSUBISHI HEAVY IND LTD;	DIRECT-DRIVE WIND TURBINE GENERATOR AND BEARING STRUCTURE
CA2730443 A1 20111114	WO2010JP58211;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	SEMI-FLEXIBLE SUPPORTING STRUCTURE FOR WIND TURBINE
CA2730449 A1 20111126	WO2010JP58905;	F03D011/00; F03D007/00;	MITSUBISHI HEAVY IND LTD;	DEVICE AND METHOD FOR CONTROLLING WIND TURBINE
CA2730672 A1 20110802	EP20100152435;	E02D027/42; F03D011/04; E04H012/00;	SIEMENS AG;	SUPPORT STRUCTURE FOR SUPPORTING AN OFFSHORE WIND TURBINE
CA2731036 A1 20110804	IT2010MI00170;	H02K009/19; F03D011/00;	WILIC S AR L;	WIND POWER TURBINE ELECTRIC GENERATOR COOLING SYSTEM AND METHOD, AND WIND POWER TURBINE COMPRISING SUCH A COOLING SYSTEM
CA2732251 A1 20111128	WO2010JP59091;	H02J013/00; H02P009/00; H02J003/38; F03D007/00;	MITSUBISHI HEAVY IND LTD;	MONITORING AND CONTROL APPARATUS AND METHOD AND WIND POWER PLANT EQUIPPED WITH THE SAME
CA2732382 A1 20110824	EP20100154469;	F16C041/02; F16C039/04; F03D011/00;	SIEMENS AG;	BEARING SYSTEM FOR A WIND TURBINE ROTOR

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CA2732406 A1 20110824	EP20100154470;	F03D007/00; F03D011/00;	SIEMENS AG;	WIND TURBINE AND METHOD FOR MEASURING THE PITCH ANGLE OF A WINDTURBINE ROTOR BLADE
CA2732577 A1 20110826	EP20100154875;	F03D011/00; B66C007/00;	SIEMENS AG;	WIND TURBINE
CA2733466 A1 20110910	EP20100156049;	F03D007/02;	SIEMENS AG;	ROTATIONAL SPEED CONTROL OF A WIND TURBINE BASED ON ROTOR ACCELERATION
CA2733738 A1 20110912	EP20100156339;	F03D011/00; F01D005/14;	SIEMENS AG;	ARRANGEMENT AND METHOD TO RETROFIT A WIND TURBINE
CA2733739 A1 20110905	EP20100155655;	F03D011/00; F16N001/00; F01P003/20; F16N007/00; F01M011/02;	SIEMENS AG;	WIND TURBINE WITH LIQUID MEDIUM DISTRIBUTION SYSTEM
CA2733748 A1 20110912	EP20100156341;	F03D011/04; E04G011/22; E04H012/12;	SIEMENS AG;	APPARATUS FOR SLIPFORM CASTING
CA2734360 A1 20110930	US20100751102;	F03D011/04; F03D001/00;	GEN ELECTRIC;	WIND TURBINE, TOWER AND METHOD FOR FABRICATING THE SAME
CA2734852 A1 20110925	EP20100157744;	F03D009/00; F03D011/00; H02K007/12;	SIEMENS AG;	STATOR ARRANGEMENT FOR AN ELECTROMECHANICAL TRANSDUCER,ELECTROMECHANICAL TRANSDUCER AND WIND TURBINE
CA2734924 A1 20110925	EP20100157730;	F03D011/00; F03D003/06; B29C041/40; B29D022/00;	SIEMENS AG;	INFLATABLE DORN

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CA2735053 A1 20110926	EP20100157977;	F03D011/00; H02G013/00;	SIEMENS AG;	ARRANGEMENT FOR DIRECTING A LIGHTNING CURRENT WITHIN A WIND TURBINE
CA2735608 A1 20111006	EP20100159110;	F16N001/00; F16N021/00; F16C033/10; F16C033/66; F16C033/72; F03D011/00;	SIEMENS AG;	LUBRICATION SYSTEM FOR A BEARING
CA2735609 A1 20111006	EP20100159129;	F16S001/14; F03D011/00;	SIEMENS AG;	CANOPY FOR A WIND TURBINE NACELLE
CA2735625 A1 20111006	EP20100305351;	F03D011/04; E04H012/34;	SOLETANCHE FREYSSINET;	METHOD OF BUILDING A HYBRID TOWER FOR A WIND GENERATOR
CA2735628 A1 20110930	EP20100158643;	E04H012/00; E02D027/42; E04H012/34; F03D011/04;	SIEMENS AG;	WIND TURBINE INSTALLATION
CA2735702 A1 20110930	IT2010MI00531;	F03D011/00;	WILIC S AR L;	WIND POWER TURBINE AND METHOD OF REMOVING A BEARING FROM A WIND POWER TURBINE
CA2736435 A1 20111008	EP20100159375;	F03D011/00; H02K015/02;	SIEMENS AG;	METHOD AND APPARATUS FOR MANUFACTURING A ROTOR
CA2736718 A1 20111009	US20100322706P;	E04H012/00;	ELECTRO MECHANICAL IND INC;	TOWER STRUCTURE



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CA2736989 A1 20111013	EP20100159790;	F03D009/00; H02K003/46; H02K009/00; H02K001/06; H02K009/19;	SIEMENS AG;	STATOR-ARRANGEMENT
CA2736990 A1 20111013	EP20100159785;	H01F007/02; F03D009/00; H02K001/06;	SIEMENS AG;	ELECTRICAL MACHINE AND PERMANENT-MAGNET
CA2737316 A1 20111016	EP20100004078;	H05K009/00; H02G003/04;	SIEMENS AG;	EMC PROTECTION SYSTEM AND TOWER WITH EMC PROTECTION SYSTEM
CA2737336 A1 20111016	EP20100004077;	H02K016/00; F03D009/00; H02K007/18; F03D011/00;	SIEMENS AG;	WIND TURBINE
CA2737339 A1 20111130	WO2010JP59205;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR HAVING A DETECTION UNIT FOR DETECTING FOREIGNOBJECT INSIDE ROTOR AND OPERATING METHOD THEREOF
CA2737341 A1 20111130	WO2010JP59225;	F03D011/00; F16H057/12; F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR, GEAR TRANSMISSION MECHANISM, AND METHOD OFCONTROLLING ENGAGEMENT OF GEARS
CA2737346 A1 20111016	EP20100004076;	B29C041/00; B29C033/76; F03D011/00; F03D001/06;	SIEMENS AG;	METHOD FOR MANUFACTURING A WIND TURBINE ROTOR BLADE AND WIND TURBINEROTOR BLADE
CA2737396 A1 20111130	WO2010JP59206;	F16C041/00; F03D011/00; F16C019/55;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND ROLLING BEARING FOR WING TURBINE GENERATOR

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CA2737441 A1 20111022	US20100765001;	F03D011/00; F03D007/02;	GEN ELECTRIC;	TILT ADJUSTMENT SYSTEM
CA2737442 A1 20111023	US20100766615;	F03D011/04; E04H012/10;	GEN ELECTRIC;	SUPPORT TOWER FOR USE WITH A WIND TURBINE AND SYSTEM FOR DESIGNINGSUPPORT TOWER
CA2737499 A1 20111030	US20100770832;	F03D011/04; E04H012/22; E02D027/42;	GEN ELECTRIC;	APPARATUS AND METHOD FOR PRODUCING A CONCRETE FOUNDATION
CA2737814 A1 20111021	EP20100160555;	E04H012/00; F03D011/04;	SIEMENS AG;	WALL SECTION FOR A WIND TURBINE TOWER AND WIND TURBINE TOWER
CA2737838 A1 20111022	IT2010MI00694;	H02K005/00; F03D009/00; H02K001/06;	WILIC S AR L;	WIND POWER TURBINE ELECTRIC GENERATOR, AND WIND POWER TURBINE EQUIPPEDWITH SUCH AN ELECTRIC GENERATOR
CA2737976 A1 20111028	EP20100161250;	F03D009/00; H02K003/04;	SIEMENS AG;	WINDING ARRANGEMENT
CA2738077 A1 20111029	US20100770659;	F16L023/36; F16B043/02; F16B037/00; F16B033/00;	GEN ELECTRIC;	CONCAVE-CONVEX SHAPES ON BOLTS AND NUTS TO MINIMIZE BENDING
CA2738177 A1 20111029	US20100770396;	F03D011/00; B66B009/16;	GEN ELECTRIC;	ELEVATOR FOR WIND ENERGY SYSTEMS
CA2738996 A1 20111105	EP20100161993;	F03D011/00; G01W001/00; G01R019/15;	SIEMENS AG;	ARRANGEMENT FOR LIGHTNING DETECTION

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CA2739080 A1 20111106	DE201010019644;	F03D007/00; H02H007/06; F03D011/00; H02J013/00; H02J003/38;	SIEMENS AG;	WIND TURBINE WITH STATUS MONITORING SYSTEM
CA2739085 A1 20111106	EP20100162187;	F16N031/00; F16N001/00; F16C033/66; F03D011/00; F01M011/10; F01M011/02; F16N029/04; F16N029/00;	SIEMENS AG;	BEARING, IN PARTICULAR FOR A WIND TURBINE
CA2739128 A1 20111105	DE201010019563;	C22C009/06; F03D011/04; B63B059/00; C23F015/00; E02D031/06;	KME GERMANY AG & CO KG;	CORROSION PROTECTION SYSTEM FOR OFFSHORE STEEL STRUCTURES AND A METHOD FOR ITS APPLICATION
CA2739160 A1 20111105	EP20100161945;	H02K001/12; F03D011/00;	SIEMENS AG;	GENERATOR WITH A SEGMENTED STATOR
CA2739161 A1 20111105	EP20100161946;	E04H012/08; F03D011/04;	SIEMENS AG;	STEEL TOWER FOR A WIND TURBINE
CA2739163 A1 20111105	EP20100161991;	F03D011/00; G01R031/04;	SIEMENS AG;	ARRANGEMENT TO DETECT A FAULT ELECTRICAL CONNECTION
CA2739221 A1 20111106	EP20100162074;	F16N001/00; F16H057/04; F16N007/38; F03D011/00; H02K007/0116;	MOVENTAS WIND OY; SWITCH DRIVE SYSTEMS OY;	AN ELECTROMECHANICAL DEVICE

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CA2739229 A1 20111106	EP20100162076;	H02K007/0116; F16H057/02; F03D009/00; F03D011/00;	MOVENTAS WIND OY; SWITCH DRIVE SYSTEMS OY;	AN ELECTROMECHANICAL DEVICE
CA2739241 A1 20111106	EP20100162078;	F16H057/02; H02K007/08; F16N001/00; F03D011/00; H02K007/0116; F03D009/00; F16N007/38;	MOVENTAS WIND OY; SWITCH DRIVE SYSTEMS OY;	AN ELECTROMECHANICAL DEVICE
CA2739790 A1 20111112	EP20100162687;	F03D007/00; F03D011/00;	SIEMENS AG;	WIND TURBINE
CA2740103 A1 20111112	EP20100162642;	F03D011/00;	SIEMENS AG;	DE-ICING AND/OR ANTI-ICING OF A WIND TURBINE COMPONENT BY VIBRATING A PIEZOELECTRIC MATERIAL
CA2740461 A1 20111119	EP20100163318;	H02K003/12; F03D011/00; H02K003/28;	SIEMENS AG;	GENERATOR WITH SINGLE TURN WAVE WINDING AND WIND TURBINE
CA2740513 A1 20111119	EP20100163314;	H02K003/28; H02K003/30; H02K003/12; F03D011/00;	SIEMENS AG;	GENERATOR WITH SINGLE TURN WAVE WINDING, WIND TURBINE AND METHOD FOR DETERMINING THE THICKNESS OF THE SLOT INSULATION OF A GENERATOR
CA2740542 A1 20111119	EP20100163301;	H02K003/28; H02K003/02; F03D011/00;	SIEMENS AG;	GENERATOR WITH ALUMINIUM WINDING AND WIND TURBINE
CA2740543 A1 20111119	EP20100163306;	F03D011/00; H02K003/28; H02K003/04;	SIEMENS AG;	GENERATOR WITH COMPACT SINGLE TURN WAVE WINDING AND WIND TURBINE

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CA2740569 A1 20111121	EP20100163580;	B29C070/44; B29C070/00; F03D011/00;	SIEMENS AG;	BLADE OF A WIND TURBINE
CA2741108 A1 20111127	EP20100164062;	H05F003/00; F03D011/00; H02G013/00; H01B001/16; B29C070/06;	SIEMENS AG;	WIND TURBINE BLADE WITH A CONDUCTIVELY DOPED COATING FOR LIGHTNINGPROTECTION OF THE WIND TURBINE BLADE AND METHOD FOR MANUFACTURING THE WIND TURBINE BLADE
CA2741136 A1 20111126	US20100787821;	F16S003/08; E04H012/00; F03D011/00;	GEN ELECTRIC;	SELF-SUPPORTING PLATFORM FOR A WIND TURBINE
CA2741147 A1 20111127	EP20100164026;	F03D011/00; H05F003/00; H02G013/00;	SIEMENS AG;	CHARGE INITIATED LIGHTNING PROTECTION SYSTEM FOR A WIND TURBINE BLADEAND WIND TURBINE BLADE WITH THE CHARGE INITIATED LIGHTING PROTECTION SYSTEM
CA2741933 A1 20111215	US20100815910;	F16C033/62; F03D011/00; F16H055/06; F16C033/04; F03D007/02;	GEN ELECTRIC;	GEAR SET, WIND TURBINE INCORPORATING SUCH A GEAR SET AND METHOD OFSERVICING A WIND TURBINE
CA2742419 A1 20111210	EP20100165511;	H02K001/27; F03D011/00;	SIEMENS AG;	A PERMANENT MAGNET MACHINE, IN PARTICULAR A GENERATOR FOR A WINDTURBINE
CA2742420 A1 20111210	EP20100165519;	F03D011/00; H05F003/02; F03D001/06; F03D003/06; H02G013/00;	SIEMENS AG;	LIGHTNING PROTECTION SYSTEM FOR A WIND TURBINE

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CA2742471 A1 20111211	EP20100165725;	F03D011/00; H02K001/12; F01P003/20; H02K009/00; F01P003/12;	SIEMENS AG;	STATOR ELEMENT
CA2742483 A1 20111211	EP20100165733;	F03D011/00; F16M001/00; B60P003/00;	SIEMENS AG;	WIND TURBINE NACELLE, TRANSPORT SYSTEM FOR A WIND TURBINE NACELLE AND METHOD FOR TRANSPORTING A WIND TURBINE NACELLE
CA2742487 A1 20111211	EP20100165721;	F03D001/06; F03D003/06; H02G013/00; F03D011/00;	SIEMENS AG;	ROTOR BLADE ASSEMBLY
CA2743186 A1 20111216	EP20100166146;	H02J013/00; H02J003/38;	SIEMENS AG;	ELECTRIC POWER CONTROL SYSTEM AND ELECTRIC POWER FACILITY COMPRISING THE ELECTRIC POWER CONTROL SYSTEM
CA2743201 A1 20111216	EP20100166147;	H02J003/38;	SIEMENS AG;	METHOD AND SYSTEM FOR CONTROLLING A POWER PRODUCTION ENTITY
CA2743344 A1 20111217	EP20100166309;	H02K001/27; H02K001/20; H02K001/16;	SIEMENS AG;	A GENERATOR, IN PARTICULAR FOR A WIND TURBINE
CA2743358 A1 20111229	US20100826244;	F16D066/02; F03D011/00;	GEN ELECTRIC;	METHODS AND SYSTEMS FOR MONITORING OPERATION OF A WIND TURBINE
CA2743656 A1 20111229	US20100826044;	E04H012/00; F03D011/00; F03D011/04; E04H012/34;	GEN ELECTRIC;	TOWER SEGMENTS AND METHOD FOR OFF-SHORE WIND TURBINES

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CA2743809 A1 20111221	DK20100070280;	F03D009/00; F16D003/02; F03D011/02;	ENVISION ENERGY DENMARK APS;	FLEXIBLE SHAFT WIND TURBINE
CA2743813 A1 20111221	DK20100000886;D K20100070280;	F03D011/02; F16C003/02;	ENVISION ENERGY DENMARK APS;	A WIND TURBINE AND A SHAFT FOR A WIND TURBINE
CA2743855 A1 20111223	US20100821623;	F41H003/00; F03D011/04; G01S007/02; F03D001/00;	HARRIS CORP;	WIND TURBINE PROVIDING REDUCED RADIO FREQUENCY INTERACTION AND RELATEDMETHODS
CA2744199 A1 20111225	EP20100167320;	H02K009/02; H02K001/27; H02K001/22; F03D011/02;	SIEMENS AG;	GENERATOR, IN PARTICULAR FOR A WIND TURBINE
CA2744202 A1 20111225	EP20100167326;	F03D003/06; F03D001/06; F01D005/30;	SIEMENS AG;	ROOT-END OF A WIND TURBINE BLADE
CA2744223 A1 20111229	US20100826036;	F03D011/00;	GEN ELECTRIC;	YAW BEARING SYSTEM
CA2744276 A1 20111229	US20100825732;	F03D011/00; A62B001/06;	GEN ELECTRIC;	RESCUE KIT FOR A WIND TURBINE, A WALL FOR A WIND TURBINE, AND APORTION OF A COMPARTMENT OF A WIND TURBINE
CA2744312 A1 20111230	US20100826975;	F03D011/00;	GEN ELECTRIC;	SYSTEM FOR DETECTING PROXIMITY BETWEEN A WIND TURBINE BLADE AND ATOWER WALL
CA2744486 A1 20111229	EP20100167604;	B66C001/42; B66C001/54; F03D011/00;	SIEMENS AG;	ARRANGEMENT FOR LIFTING A TOWER WALL PORTION OF A WIND TURBINE ANDMETHOD FOR LIFTING A TOWER WALL PORTION OF A WIND TURBINE

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CA2744577 A1 20111229	EP20100167615;	H02K015/00; F03D009/00; F03D011/00; H02K011/04; H02K001/06;	SIEMENS AG;	GENERATOR, WIND TURBINE, METHOD OF ASSEMBLING A GENERATOR AND USE OF A GENERATOR IN A WIND TURBINE
CA2744599 A1 20111229	EP20100167623;	F03D011/00; F03D007/00;	SIEMENS AG;	WIND TURBINE YAW SYSTEM AND METHOD OF CONTROLLING THE SAME
CA2744608 A1 20111225	US20100358654P;	F03D007/06; F03D003/04; F01D001/08; F03D003/02; F01D017/12;	MILJKOVIC GORAN;	APPARATUS, SYSTEM AND METHOD FOR A WIND TURBINE
CA2744639 A1 20111230	EP20100006798;	C08J005/04; B29C070/48;	SIEMENS AG;	CASTING METHOD FOR MANUFACTURING A WORK PIECE
CA2744721 A1 20111230	US20100826988;	F03D011/04; E04H012/20; E04H012/12;	GEN ELECTRIC;	TOWER WITH TENSIONING CABLES
CA2763225 A1 20110721	US20090253925P; US20100404149P; US20100792203;U S20100907967;WO 2010US53469;	B64C031/02; F03D009/00;	CALVERLEY GRANT;	GYROGLIDER POWER-GENERATION, CONTROL APPARATUS AND METHOD
CH702753 A1 20110831	CH20100000193;	F03D003/02;	ZSB AG;	DEVICE I.E. WIND ENERGY SYSTEM, FOR CONVERTING FLUID FLOW INTO DRIVEPOWER, HAS TWO DARRIEUS ROTORS I.E. H-DARRIEUS-ROTORS, WITH RESPECTIVE TIP SPEED RATIOS, WHERE ONE ROTOR IS PROVIDED AS STARTING AID FOR ANOTHER ROTOR



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CH702904 A2 20110930	CH20100000419;	F03D001/04; B60L008/00;	ZUBERBUEHLER WERNER;	PORTABLE WIND POWER STATION FOR GENERATING ELECTRICAL CURRENT IN E.G.HYBRID AUTOMOBILE, HAS GENERATOR GENERATING ELECTRICAL CURRENT, WHERE CONTROLLED ELECTRICAL ENERGY OF CURRENT IS SUPPLIED TO ENERGY STORAGE OF VEHICLE-ELECTRIFYING SYSTEM
CH703018 A2 20111031	CH20100000544;	F03D009/00; F03D001/02;	EOTHEME SARL;	WIND TURBINE DRIVING SYSTEM FOR WIND TURBINE PARK, HAS EPICYCLIC TYPEMULTIPLIER PROVIDED WITH TWO SHAFTS THAT ARE CONNECTED TO CONTRA-ROTATING HELIXES OF WIND TURBINE AND THIRD SHAFT THAT IS DIRECTLY CONNECTED TO ROTOR OF GENERATOR
CH703223 B1 20111215	CH20060000752;	F03D009/02; B60L008/00;	SPEDINI RICCARDO;	BATTERY-RECHARGING SYSTEM FOR VEHICLES COMPRISES SOLAR PANELS AND WINDTURBINES MOUNTED ON THE FRONT OF THE VEHICLE
CN102114784 A 20110706	CN20091215238;	B60L008/00; F03D009/00;	TIANJIN SHANJIANGORIGINAL ECOLOGICAL ENVIRONMENT DESIGN CO LTD;TIANJIN XINGKONGJIAN STRUCTRUE TECHNOLOGY RES INST;TIANJIN ZILI ENERGY CONSERVATON AND EMISSION REDUCTION ENGINEERING DESIGNING INST;	VEHICLE-MOUNTED WIND POWER GENERATION SYSTEM

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CN102116244 A 20110706	CN20111048421;	C02F001/44; F03D009/00; F03B013/06; H02N006/00; H02J007/00;	UNIV HEHAI;	WIND-LIGHT SUPPLEMENTARY POWER GENERATING ENERGY STORING DEVICE
CN102116250 A 20110706	CN20091244506;	F03D001/04; F03D001/00;	INST ENG THERMOPHYSICS CAS;	WIND TURBINE
CN102116251 A 20110706	CN20091239651;	F03B003/12; F03D001/06;	SHIQUAN SHI;	VANES OF TURBOFAN WIND POWER (OCEAN CURRENT) GENERATOR
CN102116252 A 20110706	US20090649682;	F03D011/02; F03D001/06;	GEN ELECTRIC;	METHOD AND APPARATUS FOR INCREASING LIFT ON WIND TURBINE BLADE
CN102116253 A 20110706	US20090650213;	B29C070/52; F03D001/06;	GEN ELECTRIC;	SPAR FOR A WIND TURBINE ROTOR BLADE AND METHOD FOR FABRICATING THE SAME
CN102116254 A 20110706	US20090651156;	F03D001/06; F03D009/00;	GEN ELECTRIC;	ROTOR BLADE FOR USE WITH A WIND TURBINE AND METHOD FOR ASSEMBLING THE SAME
CN102116255 A 20110706	CN20101002007;	F03D003/06; F03D003/00;	IND TECH RES INST;	WIND-DRIVEN DEVICE AND MODULE THEREOF
CN102116256 A 20110706	CN20101530070;	F16D065/18; F03D007/00; F15B020/00;	SHANGHAI ELECTRIC HYDRAULIC & PNEUMATIC CO LTD;	SAFE PRESSURIZER OF WIND POWER GENERATION HYDRAULIC SYSTEM
CN102116257 A 20110706	CN20101624714;	F03D007/00;	XINJIANG GOLDWIND SCIENCE AND TECHNOLOGY CO LTD;	METHOD FOR IMPROVING STABILITY OF WIND POWER GENERATOR SET AT HIGH-ALTITUDE AREA

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CN102116258 A 20110706	US20090650786;	F03D007/02; F03D009/02;	GEN ELECTRIC;	WIND TURBINE BRAKE POWER GENERATION
CN102116259 A 20110706	US20100651670;	F03D001/06; F03D007/02;	GEN ELECTRIC;	WIND TURBINE ROTOR BLADES INCLUDING CONTROLLABLE DEPRESSIONS
CN102116260 A 20110706	US20090649989;	F03D009/00; F03D007/04; F16D055/0224; F16D065/18;	GEN ELECTRIC;	METHODS AND SYSTEMS FOR PROVIDING VARIABLE MECHANICAL BRAKE TORQUE
CN102116261 A 20110706	CN20091244508;	H02N015/00; F03D009/00; F03D003/00;	LINGQUN LI;	SYMMETRICAL AIRFOIL FAN WIND TURBINE AND MAGNETIC SUSPENSIONMAGNETOMOTIVE GENERATING SET THEREOF
CN102116262 A 20110706	CN20091265755;	F03D009/00; F03D003/04; F03D003/00; F03D003/06; F03D007/06;	HONGJINDA ENERGY TECHNOLOGY INC TAIWAN;	WIND COLLECTING TYPE WIND POWER GENERATING DEVICE
CN102116263 A 20110706	CN20101205531;	F03D003/06; H02K007/10; F03D007/06; F03D009/00;	SHOUSHENG YANG;	ATTACK ANGLE FOLLOWING TYPE MEGAWATT VERTICAL AXIS WIND DRIVENGENERATOR
CN102116264 A 20110706	CN20101216617;	F03D003/06; F03D007/06; F03D009/00; H01T019/04; H02J003/38;	SHOUSHENG YANG;	MEGAWATT-STAGE VERTICAL SHAFT WIND POWER GENERATOR WITH ADJUSTABLEATTACK ANGLE
CN102116265 A 20110706	HK20090110157;	F03D011/00; F03D003/02; F03D003/00; F03D003/06; F03D009/00;	COMBINED WIND POWER CO LTD;	VERTICAL-SHAFT WIND TURBINE

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CN102116266 A 20110706	CN20101571379;	E04B007/00; F03D009/00; F03D001/06;	PENG JIANG;	FLOOR TYPE WIND DRIVEN GENERATOR FOR PLATEAUS
CN102116267 A 20110706	CN20111094146;	F03D007/06; F03D009/00; F03D003/04;	QIGENG WANG;	AXIAL-FLOW TYPE WIND DRIVEN GENERATOR DEVICE
CN102116268 A 20110706	CN20091227737;	F03D011/00; B32B027/00;	LUOYANG SUNRUI WIND TURBINE BLADE LTD;	METHOD FOR IMPROVING DAMPING PERFORMANCE OF WIND-POWER BLADES
CN102116269 A 20110706	US20090640850;	F03D009/00; F03D011/00;	GEN ELECTRIC;	MODULAR LIFE EXTENSION KIT FOR A WIND TURBINE GENERATOR SUPPORT FRAME
CN102116270 A 20110706	CN20111007097;	F03D011/04;	UNIV SHANGHAI JIAOTONG;	CONNECTION MECHANISMS FOR INTEGRALLY MOUNTING OFFSHORE FANS
CN102116348 A 20110706	US20090649510;	F03D011/00; F16C033/34; F16C033/66; F16H001/02; F16C019/22;	GEN ELECTRIC;	SURFACE TEXTURED ROLLERS
CN102118037 A 20110706	US20090650807;	F03D007/02; H02H003/20; H02J003/38; G01R031/00; F03D009/00; H02H009/04;	GEN ELECTRIC;	SYSTEMS AND APPARATUS RELATING TO WIND TURBINE ELECTRICAL CONTROL AND OPERATION

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CN102118049 A 20110706	CN20111008498;	H02J007/04; F03B015/00; H02J009/00; H02J007/35; F03D007/00; H02J013/00; H02J007/00;	UNIV TSINGHUA;	CONTROL DEVICE AND METHOD FOR WIND/SOLAR/WATER COMPLEMENTARY POWERGENERATION SYSTEM
CN102119270 A 20110706	WO2008SG00248;	F03D001/02;	VESTAS WIND SYS AS;	SYSTEM FOR MONITORING A RESTORATION FACTOR OF A WIND TURBINE POPULATION
CN102119271 A 20110706	DK20080000913;U S20080076944P;W O2009EP58157;	F03D007/04;	VESTAS WIND SYS AS;	A METHOD OF CONTROLLING A WIND POWER PLANT
CN102119272 A 20110706	JP20090012280;W O2009JP69127;	F03D007/04;	MITSUBISHI HEAVY IND LTD;	CYLINDER DRIVE DEVICE
CN102119273 A 20110706	FR20080051914;W O2009FR50501;	F03D011/04; F03D011/00;	TECDDIS;	BEARING DEVICE FOR A WIND TURBINE NACELLE
CN102121452 A 20110713	CN20111049573;	F03D003/06;	UNIV JIANGNAN;	FLEXIBLE UNIVERSAL FAN BLADE WHEEL
CN102121453 A 20110713	CN20111083094;	F03D011/00; F03D007/06; F03D003/06;	YONGPING LI;	V-SHAPED VERTICAL WINDMILL
CN102121454 A 20110713	CN20111033015;	F03D007/00;	BEIJING HOLLYSYS AUTOMATION CO LTD;	WIND POWER GENERATION VARIABLE PROPELLER DRIVER AND METHOD
CN102121455 A 20110713	US20090646240;	F03D009/00; F03D001/00; H02K007/0116;	GEN ELECTRIC;	WIND TURBINE DRIVETRAIN SYSTEM

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CN102121456 A 20110713	CN20111023582;	F03D009/00; F03D007/02;	ZKENERGY TECHNOLOGY CO LTD;	STRONG BREEZE RESISTING MINITYPE WIND DRIVEN GENERATOR
CN102121457 A 20110713	CN20111059006;	F03D001/00; F03D009/00;	TIAN SHUSHEN;XIAOPING HUA;	DUPLEX BEARING DIRECT-DRIVE WIND GENERATING SET WITH BENDING MOMENTINDEPENDENTLY BEARING DEAD SHAFT
CN102121524 A 20110713	US20100685137;U S20100977149;	F03D011/00; F16H057/04;	GEN ELECTRIC;	LUBRICATION OF FLUID TURBINE GEARBOX DURING IDLING OR LOSS OF ELECTRICGRID
CN102123821 A 20110713	SE20080001817;W O2009SE50792;	B23K037/02; B25J018/00; B66C023/68; F03D011/04; F03D001/00; B66C023/18;	ESAB AB;	DEVICE FOR WELDING
CN102123848 A 20110713	DK20080000849;U S20080132788P;W O2009EP57682;	B29C065/00; F03D001/06;	VESTAS WIND SYS AS;	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTSHAVING GEOMETRICALLY WELL-DEFINED JOINT SURFACE PORTIONS, AND THE RELATED SPAR
CN102123849 A 20110713	DK20080000850;U S20080132790P;W O2009EP57683;	B29C065/00; F03D001/06;	VESTAS WIND SYS AS;	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTSHAVING END PORTIONS EXTENDING TRANSVERSELY TO AN INTERMEDIATE PORTION
CN102124212 A 20110713	WO2009JP63767;	F03D001/00; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND DRIVEN GENERATOR AND METHOD OF ASSEMBLING SAME
CN102124213 A 20110713	DK20080000990;U S20080080484P;W O2009DK00166;	F03D001/00; B63B035/00;	VESTAS WIND SYS AS;	A METHOD FOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE AND A VESSELFOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE
CN102124214 A 20110713	NO20080002860;W O2009NO00226;	F03D001/00;	SEATOWER AS;	SUPPORT STRUCTURE FOR USE IN THE OFFSHORE WIND FARM INDUSTRY

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CN102124215 A 20110713	DK20080000851;U S20080132791P;W O2009EP57684;	F03D001/06; B29C065/00;	VESTAS WIND SYS AS;	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTS COMPRISING DIFFERENT MATERIALS, AND THE RELATED SPAR
CN102124216 A 20110713	SE20080001804;W O2009SE50930;	F03D011/04; F03D007/02;	HM POWER AB;	AN ARRANGEMENT WITH MEANS FOR CHANGING THE PITCH OF THE PROPELLERBLADE OF A TURBINE
CN102124217 A 20110713	SE20090050065;W O2010SE50145;	F03D007/04; F03D011/04; F03D009/02;	XIANGTAN ELECTRIC MFG CORP LTD;	DEVICE AND METHOD FOR CONTROLLING A WIND TURBINE
CN102124218 A 20110713	EE20080000049;W O2009IB53564;	F03D009/00; F03D011/00;	ANDRES SONAJALG;OLEG SONAJALG;	WIND POWER GENERATOR
CN102124219 A 20110713	JP20090001345;W O2010JP00042;	H02J007/00; F03D009/02; H01M010/44; H02J003/32; H01M010/48;	SHIN KOBE ELECTRIC MACHINERY;	SYSTEM FOR CONTROL OF WIND POWER ELECTRICITY GENERATION ACCUMULATOR AND METHOD OF CONTROL THEREOF
CN102124220 A 20110713	DE200810038128; WO2009EP60389;	F03D011/00;	KENERSYS GMBH;	ADJUSTING DEVICE FOR ADJUSTING THE ROTATION ANGLE POSITION OF THE ROTOR OF A WIND ENERGY SYSTEM
CN102124237 A 20110713	DK20080001091;U S20080089101P;W O2009DK50200;	F16C019/52; F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE ROTOR AND METHOD OF CALIBRATING ROTOR BLADE PITCH
CN102126689 A 20110720	CN20101614855;	B62D057/24; B66F011/00; F03D011/00;	GUANGDONG LIFT ENGINEERING MACHINERY CO LTD;GUANGDONG POWERENGINEERING CORP;	AUTOMATIC CLIMBING MACHINE FOR WIND DRIVEN GENERATOR TOWER

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CN102128129 A 20110720	CN20101000816;	F16D041/00; F16D041/12; F03D001/06; F03D009/00;	SHANGHAI FOREVOO WINDPOWER TECHNOLOGY CO LTD;YUNLONG ZHANG;	COMPOSITE ROTOR SYSTEM FOR WIND POWER ENGINE AND WIND POWER ENGINE
CN102128130 A 20110720	CN20111092941;	F03D003/06;	UNIV TIANJIN TECHNOLOGY;	RESISTANCE TYPE VERTICAL AXIS WIND TURBINE
CN102128131 A 20110720	CN20101222422;	F03D007/00;	CHUANGHE MOBILE;	WIND DRIVEN GENERATOR SYSTEM AS WELL AS WIND DRIVEN GENERATOR BRAKINGSYSTEM AND METHOD
CN102128133 A 20110720	CN20111107188;	F03D007/00;	SHENYANG YUANDA MECHANICAL & ELECTRICAL EQUIPMENT CO LTD;	VARIABLE PITCHED PROPELLER CONTROL DEVICE FOR MEGAWATT-LEVEL WINDGENERATING SET
CN102128135 A 20110720	CN20101005110;	H02J007/00; F03D003/00; F03D009/00; H02M005/00; H02K021/12; F03D003/06;	KAIHONG XU;	STROKE-TYPE AIR POWER ENERGY GENERATING EQUIPMENT
CN102128136 A 20110720	CN20101042761;	F03D001/06; F03D001/04; F03D001/00; F03D009/00;	JIANYONG SHI;	AXIAL TUBE CIRCULAR CURRENT WIND TUNNEL- PRESSURIZED WIND ENERGYGENERATING SYSTEM
CN102128137 A 20110720	CN20101110142;	F03D003/06; F03D009/00; F03D003/00;	JUNUO INTERNAT CO LTD;	VERTICAL-TYPE WIND DRIVEN GENERATOR



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CN102128138 A 20110720	CN20101566259;	F03D011/00; F16D001/33; F03D003/02; F03D009/00; H02J003/38; F03D003/06;	SHUGUANG LI;	MULTILAYER STACKING COMBINED VERTICAL TYPE WIND POWER GENERATION SYSTEM
CN102128139 A 20110720	CN20111027136;	F03D011/00; F03D001/00; F03D009/00;	UNIV NANJING AERONAUTICS;	WIND DRIVEN GENERATOR COOLED BY TOWER BARREL WALL
CN102128140 A 20110720	CN20111105652;	F03D007/06; F03D003/04; F03D003/00; F03D003/06; F03D009/00;	DAOGUANG LIANG;	WIND COLLECTING DOUBLE-CLICK TYPE WIND WHEEL VERTICAL SHAFT WIND POWERGENERATOR
CN102128141 A 20110720	CN20101042760;	F03D009/02; F03D001/04; F03D001/00;	JIANYONG SHI;	WIND TUNNEL TYPE AIR PRESSURE ENERGY STORAGE WIND POWER GENERATIONSYSTEM
CN102128150 A 20110720	CN20111052033;	F03D009/00; F03D003/00; F03G006/06; H02N006/00;	NANJING RES INST OF SOLID WASTE RECYCLING;	HIGH-LIGHT-CONCENTRATION SOLAR-ENERGY AND HOT-AIRFLOW WIND/SOLARCOUPLED GENERATING SYSTEM
CN102128250 A 20110720	CN20111062375;	F03D011/00; F16H057/02; F16H057/04;	NANJING HIGH SPEED GEAR MFG CO LTD;	FINAL-STAGE PARALLEL SPEED INCREASE STAGE FOR GEAR CASE OF HIGH-POWERWIND DRIVEN GENERATOR
CN102130550 A 20110720	CN20101039800;	H02K016/04; F03D009/00; H02K001/27; H02K009/06; H02P009/00;	GUOBAO CHEN;	DOUBLE-STATOR WIND POWER GENERATION AND AIR EXCHANGE DUAL-PURPOSEMACHINE
CN102130665 A 20110720	CN20101623223;	F03D007/00; H03H017/00;	BEIJING SIFANG AUTOMATION CO LTD;	METHOD FOR ACQUIRING MODAL SIGNALS OF SHAFT SYSTEM OF WIND TURBINEGENERATOR SYSTEM BASED ON COORDINATE TRANSFORMATION

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CN102132035 A 20110720	DK20080000882;D K20080001358;WO 2009DK00144;	F03D001/00;	PP ENERGY APS;	DEVICE FOR ENABLING ACCESS TO A WIND TURBINE
CN102132037 A 20110720	WO2008IB01040;	F03D001/02; F03D011/04;	KALININA LIUDMILABORISOVNA;OTARI D CONSULT LTD;VALENTINOVICH KRIULIN JURY;	WIND TURBINE MOUNTED ON CAR
CN102132038 A 20110720	IE20080000691;W O2009IE00058;	F03B003/12; F03D003/06;	BERNARD MCGUIRE;	A TURBINE AND A ROTOR FOR A TURBINE
CN102132039 A 20110720	SE20090050001;W O2010SE50007;	F03D007/02; F01D007/00;	MORPHIC TECHNOLOGIES AB PUBL;	WIND TURBINE WITH CONTROL SYSTEM
CN102132040 A 20110720	JP20080215975;W O2009JP64591;	F03D007/04;	SUMITOMO HEAVY INDUSTRIES;	POWER TRANSMISSION DEVICE OF NATURAL ENERGY RECOVERY SYSTEM
CN102132043 A 20110720	AU20080903554;W O2009AU00887;	F04C002/0344; F03D009/02; F04C018/0344; F03D009/00;	WINDFUEL MILLS PTY LTD;	GENERATION AND USE OF HIGH PRESSURE AIR
CN102132142 A 20110720	JP20080308008;JP 20080308009;JP20 080308010;WO200 9JP66641;	F03D009/00; G01N017/02; G01M099/00;	MITSUBISHI HEAVY IND LTD;	OUTDOOR STRUCTURE AND METHOD OF ESTIMATING DETERIORATION OF COMPONENTMEMBER OF OUTDOOR STRUCTURE
CN102134140 A 20110727	CN20101573769;	C02F003/34; F03D009/00; C02F009/14; C02F003/32; E02B005/00;	NANJING ENVIRONMENT SCIENCE INST ENVIRONMENT PROT DEPT;	FORE-RESERVOIR SYSTEM DRIVEN BY NATURAL ENERGY IN LAKE OUTLET REGIONS

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CN102135066 A 20110727	CN20111049389;	F03D003/06;	NAT WIND ENERGY CO LTD;	SYNCHRONOUS MECHANISM FOR SUPPORTING WHEELS IN VERTICAL AXIS WINDTURBINE
CN102135067 A 20110727	CN20111049530;	F03D003/06;	NAT WIND ENERGY CO LTD;	CIRCUMFERENTIAL INHAUL CABLE STRUCTURE OF VERTICAL AXIS WIND TURBINE
CN102135068 A 20110727	CN20111080884;	F03D003/06;	SIFENG MA;	WING SPAN TYPE SELF-ADAPTING BLADE STRUCTURE
CN102135069 A 20110727	CN20101113974;	F03D003/06; F03D009/00;	XIAOCHUAN WANG;	MAGNETIC LEVITATION VERTICAL AXIS WIND POWER GENERATION
CN102135070 A 20110727	CN20111049376;	F03D003/06; F03D009/00; F03D003/02;	NAT WIND ENERGY CO LTD;	MODULARIZED VERTICAL AXIS WIND TURBINE AND MODULAR DESIGN METHOD THEREOF
CN102135071 A 20110727	CN20111053677;	F03D009/00; B65G005/00; E21F017/16;	ZHEJIANG YONGCHANG METER CO LTD;	WIND-DRIVEN ENERGY-STORAGE POWER GENERATING DEVICE
CN102135072 A 20110727	CN20111055675;	F03G004/00; F03D001/00; F03D009/00;	MING SHU;	WIND ENERGY AND GEOTHERMAL ENERGY COMBINED POWER GENERATING SYSTEM
CN102135073 A 20110727	CN20111106109;	F03D009/00; F03D001/00; F03D011/00;	GUIZHOU HUAJUN GROUP TECHNOLOGY CO LTD;	PNEUMATIC WELL HORIZONTAL WIND DRIVEN GENERATOR
CN102135074 A 20110727	CN20111106255;	F03D009/00; F03D001/00; F03D007/04;	DAOXING HUANG;	DUAL-EMPENNAGE WIND TURBINE CAPABLE OF ADJUSTING SPEED AUTOMATICALLY
CN102135075 A 20110727	CN20102209346U; CN20111115917;	F03D003/00; F03D009/00; F03D011/00; F03D003/06;	GUANGSHENG WU;	VERTICAL SHAFT WINDMILL WITH HINGE STOPPABLE WIND WING

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CN102135076 A 20110727	CN20111053207;	F03D011/00;	SHANGHAI TAISHENG WIND POWER EQUIPMENT CO LTD;	WIND POWER GENERATION TOWER SHEATHING TRANSPORTATION DEVICE
CN102135077 A 20110727	CN20111102825;	F03D011/00; F03D011/04;	LIAONING DAJIN HEAVY INDUSTRY CO LTD;	STRETCHED TYPE MULTI-SEGMENT CONCRETE WIND POWER TOWER FRAME
CN102135078 A 20110727	US20090613013;	F03D011/02; F03D007/04;	GEN ELECTRIC;	SYSTEM AND METHOD FOR OPERATING A WIND TURBINE HAVING ACTIVE FLOWCONTROL
CN102138000 A 20110727	IT2008RM00420;W O2009IT00348;	F03G006/04; F03D009/00;	LIVIO BIAGINI;	IMPROVED AEOLIAN APPARATUS
CN102206941 A 20111005	CN20101135552;	F03D003/00; E02B001/00; E04B001/34; F03D009/00; E02D029/02;	KEYUAN ZHANG;	METHOD FOR MODIFYING CLIMATES AND PREVENTING EARTHQUAKES
CN102207056 A 20111005	DK20100000261;	F03D001/00; F16C019/18;	VESTAS WIND SYS AS;	WIND TURBINE AND A PITCH BEARING FOR A WIND TURBINE
CN102207057 A 20111005	CN20101612842;	H02K005/10; F03D009/00; F03D001/06;	QINGGUI ZHENG;	MOVABLE WIND POWER GENERATOR
CN102207058 A 20111005	DK20100000260;	F16C035/06; F03D001/06; F03D011/00; F16C019/50; F16C019/18;	VESTAS WIND SYS AS;	WIND TURBINE AND A PITCH BEARING FOR A WIND TURBINE
CN102207060 A 20111005	ES20100000420;	F03D011/02;	GAMESA INNOVATION & TECH SL;	BOGIE PLATE FOR WIND TURBINE

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CN102208050 A 20111005	EP20100382075;	G06Q050/00; F03D007/04; G06Q010/00;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR PERFORMANCE MONITORING AND IDENTIFYINGUPGRADES FOR WIND TURBINES
CN102208159 A 20111005	CN20111135146;	F03D009/00; G09F013/04;	GUANGEN WANG;	WIND ENERGY ADVERTISEMENT LIGHT BOX
CN102209741 A 20111005	US20080141471P; WO2009US65437;	C08G059/50; C08G059/24; B29C070/44; F03D001/06;	DOW GLOBAL TECHNOLOGIES INC;	DIVINYLAENE DIOXIDE FORMULATIONS FOR VACUUM RESIN INFUSION MOLDING
CN102209847 A 20111005	US20080191358P; WO2009US56185;	F03D009/00;	FLODESIGN WIND TURBINE CORP;	INFLATABLE WIND TURBINE
CN102213113 A 20111012	CN20111156424;	F01K003/08; F01D015/10; F03G006/00; F03D009/02;	INST ENG THERMOPHYSICS CAS;	COMPRESSED-AIR ENERGY-STORAGE SYSTEM
CN102213122 A 20111012	CN20101161359;	F01N005/04; F01N001/08; F03D009/00;	CHANGFU LI;	ENERGY-SAVING SILENCER
CN102213180 A 20111012	CN20101162074;	F03D011/04; F03D003/06; F03D003/00;	FENG LI;	VERTICAL SHAFT FAN OF WIND GENERATING SET
CN102213181 A 20111012	CN20111112771;	F03D007/00;	SANY ELECTRIC CO LTD;	METHOD AND SYSTEM FOR COMPUTING YAW ANGLE OF FAN
CN102213182 A 20111012	CN20111121958;	F03D009/00; F03D007/00;	BEIJING JINFENG KECHUANG WIND POWER EQUIPMENT CO LTD;	METHOD FOR OBTAINING YAW ERROR ANGLE, YAW CONTROL METHOD/DEVICE ANDWIND GENERATING SET

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CN102213183 A 20111012	CN20111140499;	F16D065/14; F03D007/00;	SHANGHAI HUIYI CONTROL SYSTEM CO LTD;	HYDRAULIC-BRAKING POWER DEVICE WITH CONSTANT- PRESSURE BARRING FOR WINDTURBINE GENERATOR SYSTEM
CN102213184 A 20111012	US20100756857;	F03D001/00; F03D007/02;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR MONITORING A STRUCTURAL HEALTH OF A WINDTURBINE
CN102213185 A 20111012	CN20111120271;	B60L008/00; F03D009/00; H02K007/0116; H02K007/18; H02K007/10; F03D001/02;	KEXIANG LIN;	WIND POWER GENERATION MECHANISM AND ELECTRIC MOTOR CAR PROVIDED WITHSAME
CN102213186 A 20111012	CN20111132418;	F03D009/00; F03B013/06;	BENJIAN ZOU;	WIND ENERGY CONVERSION STORAGE REGULATION DEVICE
CN102213187 A 20111012	CN20111136404;	E04H005/02; F03D009/00; F03D007/02; E04H012/00;	RAYSPower NEW ENERGY CO LTD;	WATER CONSUMPTION FREE INTEGRATED POWER GENERATION DEVICE CAPABLE OFCOMPREHENSIVELY UTILIZING WIND ENERGY AND SOLAR LIGHT THERMAL ENERGY
CN102213188 A 20111012	CN20101137486;	F03D011/00;	SHANGHAI SEWIND CO LTD;	CABIN DEHUMIDIFICATING AND DESALTING MICRO POSITIVE PRESSURE SYSTEM OFWIND GENERATING SET AT SEA AND IN INTERTIDAL ZONE
CN102213190 A 20111012	CN20111106165;	F03D003/00; F03D009/00; F16H047/06; F03D011/00;	BEIJING CNR CR TRANSP EQUIPMENT CO LTD;	ENGINE-LIQUID COMBINED TRANSMISSION SPEED INCREASING DEVICE OF WINDDRIVEN GENERATOR AND WIND DRIVEN GENERATOR
CN102213191 A 20111012	CN20111131800;	F03D011/00;	SHUYUAN WANG;WEI YE;	DEVICE AND METHOD FOR PREVENTING ROTOR BLADE OF WIND DRIVEN GENERATORFROM FREEZING

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CN102213192 A 20111012	CN20111141773;	F03D011/00; F16D001/02;	JIANGSU NEW UNITED HEAVY INDUSTRY SCIENCE & TECHNOLOGY CO LTD;	SPLIT COUPLER OF WIND GENERATING SET
CN102213194 A 20111012	ES20100000445;	F03D011/04;	GAMESA INNOVATION & TECH SL;	ASSEMBLY OF COMPONENTS INSIDE A LARGE WIND TURBINE
CN102213487 A 20111012	CN20111092740;	F03D009/00; F24H001/18;	BEIJING INST TECHNOLOGY;LIUZHOU LIGONG SHANGDI SOLAR ENERGYTECHNOLOGY CO LTD;	PNEUMATIC WIND-DRIVEN HEATING DEVICE BASED ON REVERSE STIRLING CYCLE
CN102216607 A 20111012	DE200810049016; WO2009DE01271;	F03D001/06; B29C070/30;	REPOWER SYSTEMS AG;	ROTOR BLADE COMPRISING A FLANGE TAPERING OFF IN THE LONGITUDINAL DIRECTION, METHOD FOR PRODUCING THE ROTOR BLADE, AND LAYING ASSISTANCE DEVICE FOR THE POSITIONING STRIPS OF THE FLANGE
CN102216609 A 20111012	US20080114992P; WO2009US64626;	F03D009/00;	MEDIAN WIND LLC;	WIND POWER GENERATION SYSTEM AND METHOD
CN102219282 A 20111019	CN20101150803;	F03D009/00; F24J002/00; C02F001/38;	SHANGHAI HUANGPU DISTR XINLING ELEMENTARY SCHOOL;	HOUSEHOLD ENERGY-SAVING SEWAGE TREATMENT DEVICE
CN102220931 A 20111019	PK20100030920;	F03B013/00; F03D009/00; F03B001/04;	ALVY MUJID UR LACHMAN;	PIPELINE TURBINE SYSTEM GENERATING POTENTIAL ENERGY BY MEANS OF STATICKINETIC ENERGY
CN102220935 A 20111019	US20100761150;	F03D001/06; F03D001/00; F03D007/04;	GEN ELECTRIC;	CONFIGURABLE WINGLET FOR WIND TURBINE BLADES
CN102220936 A 20111019	CN20111137393;	F03D001/06; B29C070/34;	BEIJING CENTURY ENERGY WIND POWER EQUIPMENT CO LTD;	BLADE ROOT STRUCTURE MADE OF BAMBOO COMPOSITE MATERIAL AND MANUFACTURING METHOD THEREOF

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CN102220937 A 20111019	CN20111139513;	F03D003/02; F03D003/06; F03D011/00;	SHENZHEN TIMAR WINDENERGY AND LUMINOUS ENERGY TECHNOLOGY CO LTD;	VERTICAL-AXIS MAGNETIC-SUSPENSION WIND DRIVEN GENERATOR WITH BREEZESTARTING AND LIGHTNING PROTECTION FUNCTIONS
CN102220938 A 20111019	CN20111151527;	F03D005/00; F03D007/00; F03D009/00;	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD;	UMBRELLA TYPE WIND POWER DEVICE AND WIND POWER SYSTEM
CN102220939 A 20111019	CN20111141502;	F16C019/16; F16D051/10; F03D011/00; F03D007/00; F16C033/58;	JIANGSU NEW UNITED HEAVY INDUSTRY SCIENCE & TECHNOLOGY CO LTD;	BRAKING DEVICE OF WIND POWER GENERATION YAW BEARING
CN102220940 A 20111019	JP20100094811;	F03D009/02; F03D007/04;	HITACHI LTD;	CONTROL DEVICE OF WIND POWER GENERATION DEVICE AND CONTROL METHOD THEREOF
CN102220941 A 20111019	CN20101144701;	F03D005/00; F03D009/00;	YAPING LI;	KARMAN VORTEX STREET POWER GENERATION DEVICE
CN102220942 A 20111019	KR20100036059;	F03D009/00; F03D007/04;	HAISUNG IND SYSTEMS CO LTD;	CYCLOID REDUCTION GEAR FOR WIND FORCE GENERATOR
CN102220943 A 20111019	PK20100031220;	F03D001/04; F03D009/00; F03D001/00;	ALVY MUJI UR LACHMAN;	PIPELINE POWER TURBINE SYSTEM GENERATING POTENTIAL ENERGY BY WASTE KINETIC ENERGY
CN102220944 A 20111019	CN20101148377;	F03D011/00; F03D009/00;	SHENYANG TEWIN NEW ENERGY EQUIPMENT CO LTD;	HOT AIR CIRCULATION STRUCTURE OF LOW- TEMPERATURE WIND POWER GENERATOR SET AND USE METHOD THEREOF
CN102220946 A 20111019	CN20111117144;	F03D011/00;	GUANGZHOU INST ENERGY CONV CAS;	COOLING SYSTEM FOR OFFSHORE WIND GENERATING SET



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CN102220947 A 20111019	CN20111117217;	F03D011/00; B01D005/00; B01D053/26;	GUANGZHOU INST ENERGY CONV CAS;	DEHUMIDIFYING AND COOLING SYSTEM OF OFFSHORE WIND GENERATING SET
CN102221260 A 20111019	CN20101170085;	F24H001/22; F03D009/00;	ZHENSHAN HUANG;	MULTIFUNCTIONAL ENERGY CONVERSION DEVICE WITH WIND, OPTICAL ANDELECTRIC ENERGY AS MAIN ENERGY AND COAL AS AUXILIARY ENERGY
CN102222930 A 20111019	CN20101149389;	H02J003/38; H02J015/00; F03D009/00;	BENXIN YAN;	INTELLIGENT AND HIGH EFFICIENT WIND POWER FARM
CN102224069 A 20111019	WO2008SE51059;	B63H003/04; F03D007/02; B64C011/06; B64C011/42; B63H003/08;	BERG PROPULSION TECHNOLOGY AB;	AN ADJUSTABLE PROPELLER ARRANGEMENT AND A METHOD OF DISTRIBUTING FLUIDTO AND/OR FROM SUCH AN ADJUSTABLE PROPELLER ARRANGEMENT
CN102224339 A 20111019	GB20080018466;W O2009GB02401;	F03D001/06;	BLADE DYNAMICS LTD;	A WIND TURBINE ROTOR
CN102224340 A 20111019	WO2009JP60906;	F03D007/04; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN GENERATOR
CN102226439 A 20111026	CN20111141464;	F03D003/04; F03D003/06; F03D003/00;	HONGYI YU;	UNIVERSAL WIND TURBINE
CN102226440 A 20111026	CN20111151529;	F03D009/00; F03D005/00;	GUANGDONG HIGH ALTITUDE WIND POWER TECHNOLOGY LTD;	ROTARY-TYPE WIND-DRIVEN POWER DEVICE
CN102226441 A 20111026	CN20111137280;	G01P005/00; F03D007/00; F03D009/00; G01W001/00;	GUANGSHENG SHI;	MULTI-FUNCTIONAL WIND-DRIVEN POWER GENERATING DEVICE

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CN102226442 A 20111026	CN20111157835;	H02J007/00; F03D003/00; F03D009/00; H02K007/10;	HUI KONG;	TURBINE POWER GENERATING SYSTEM BY UTILIZING WIND FROM TRAIN TRAVELLING
CN102226443 A 20111026	CN20111149603;	E21F017/16; F03B017/02; F17C001/00; F03D009/02;	XIAOXUN HOU;	WIND-DRIVEN ENERGY STORAGE POWER GENERATING DEVICE AND METHOD
CN102226444 A 20111026	CN20111109238;	F03D011/00; F03B003/00;	KEJUN GAO;	TRACK SLIDING-ROTATING BEARING AND FRAMEWORK HOLLOW SHAFT
CN102226445 A 20111026	CN20111125943;	F03D011/00; F03D009/00; F03D007/00;	JIANGSU JINFENG WIND POWER EQUIPMENT MFG CO LTD;	FAN IMPELLOR LOCKING DEVICE AND WIND-DRIVEN POWER GENERATOR SET
CN102226446 A 20111026	CN20111154738;	F03D011/00;	ZHONGFU LIANZHONG JIUQUAN COMPOSITE MATERIAL CO LTD;	METHOD FOR PREPARING MEGAWATT FAN BLADE SHEAR WEB AND AUXILIARYBONDING ANGLE THEREOF
CN102226845 A 20111026	CN20111141960;	F03D009/00; H02N006/00; F03D011/00; G02B005/10;	WUHAN AOWEI ENERGY TECHNOLOGY CO LTD;	REFLECTION LIGHT-CONCENTRATING UNIT, POWER GENERATING UNIT OFINTEGRATION OF SOLAR ENERGY AND WIND ENERGY AND SYSTEM THEREOF
CN102227556 A 20111026	US20080195307P; WO2009US59647;	F03D001/04;	FLODESIGN WIND TURBINE CORP;	WIND TURBINE WITH REDUCED RADAR SIGNATURE
CN201891222U U 20110706	CN20102215555U;	F24F007/06; F03D009/02; F24F005/00; E04D013/18;	SHANJUN SUN;	VENTILATION AND POWER GENERATION SYSTEM FOR STEEL-STRUCTURED BUILDINGS
CN201891551U U 20110706	CN20102651233U;	F03D009/00; F03B013/22;	UNIV DALIAN MARITIME;	HYBRID WAVE POWER GENERATING DEVICE

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CN201891553U U 20110706	CN20102647752U;	F03D009/00; F03D003/06;	CHUAN JIANG;XU ZONGYAO;	VERTICAL SHAFT WIND BLADE FOR WIND POWER GENERATION
CN201891554U U 20110706	CN20102648142U;	F03D011/00; F03D005/06;	UNIV JIANGSU;	SWINGING TYPE WIND ENERGY GENERATOR
CN201891555U U 20110706	CN20102241374U;	F03D003/00; F03D003/06; F03D009/02; F03D009/00;	SHANJUN SUN;	DOUBLE DYNAMIC WIND COMPENSATION WIND POWER GENERATION DEVICE
CN201891556U U 20110706	CN20102241381U;	F03D003/06; F03D009/00; H02N006/00; F03D003/00;	SHANJUN SUN;	DUAL-SOURCE WIND-SOLAR COMPLEMENTARY POWER GENERATOR
CN201891557U U 20110706	CN20102508148U;	F03D011/00; F03B013/12; F03D009/00;	CHANGDAO COUNTY FISHERY RES INST;	DEVICE COMBINING WIND POWER GENERATION PILES AND OCEAN CURRENT POWERGENERATION PILES
CN201891558U U 20110706	CN20102597577U;	F03D001/06; F03D001/00; F03D001/04; F03D009/00;	SUN YIZHENG;ZHIXUAN YU;	WIND POWER GENERATING DEVICE
CN201891559U U 20110706	CN20102622906U;	F03D009/00; F03D003/00; F03D003/06;	BAOLIN ZHANG;	VERTICAL SHAFT TYPE WIND DRIVEN GENERATOR
CN201891560U U 20110706	CN20102686590U;	F03D009/00; H02K005/10; F03D001/06;	QINGGUI ZHENG;	MOVABLE WINDMILL GENERATOR
CN201891561U U 20110706	CN20102644395U;	B32B015/20; B32B017/02; B32B015/95; B32B015/14; F03D011/00;	ZHUHAI HIGH TECH DEV ZONE HETIAN COMPOSITE CO LTD;	WIND POWER GENERATION BLADE

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CN201891563U U 20110706	CN20102215659U;	F03G006/06; F03D003/00; F03D009/00; F03D003/06;	SHANJUN SUN;	PNEUMATIC FRESH AIR FAN
CN201896698U U 20110713	CN20102611862U;	F03D003/06; F03D007/06; F03D009/00;	ZIGENG LI;	INTELLIGENT VERTICAL WIND POWER GENERATOR BLADE ADJUSTING DEVICE
CN201896699U U 20110713	CN20102592134U;	F03D001/00; F03D009/00; F03D001/06;	NOVARK TECHNOLOGY INC;	POWER DEVICE
CN201896700U U 20110713	CN20102606495U;	F03D007/00; F03D009/00; F03D005/00; F03D011/04;	ZHONGWU ZHAO;	WIND DRIVEN GENERATOR
CN201896701U U 20110713	CN20102627650U;	F03D009/00; F03D011/04;	ZHENLIN CAI;	WIND-DRIVEN GENERATOR
CN201896702U U 20110713	CN20102647660U;	F03D011/00;	DEC DONGFANG TURBINE CO LTD;	ENGINE ROOM COVER FOR WIND-DRIVEN GENERATOR
CN201896703U U 20110713	CN20102655955U;	F03D011/00; F16H057/02; F16J015/18;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	OUTPUT STRUCTURE FOR SPEED REDUCER OF WIND DRIVEN GENERATOR
CN201896704U U 20110713	CN20102655956U;	F16C033/58; F03D007/00; F03D011/00; F16C019/18;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	SLEWING BEARING PROVIDED WITH THREE ROWS OF STEEL BALLS AND USED FOR WIND DRIVEN GENERATOR
CN201896843U U 20110713	CN20102674088U;	F03D011/00; F16B039/04; F16B041/00;	KUIYANG LI;	CONNECTING BOLT OF WIND DRIVEN GENERATOR TOWER

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CN201896862U U 20110713	CN20102655954U;	F16C033/78; F16C033/58; F16C019/54; F03D011/00;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	DOUBLE-COLUMN DOUBLE-ROW BALL-TYPE PIVOTING SUPPORT USED FOR WINDDRIVEN GENERATOR YAWING
CN201896865U U 20110713	CN20102655957U;	F03D011/00; F16C033/58; F16C033/32;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	ROLLER PATH STRUCTURE OF WIND DRIVEN GENERATOR BALL-TYPE PIVOTINGSUPPORT
CN201896920U U 20110713	CN20102604800U;	F03G005/00; F03D009/00; F02B063/04; F02B061/06; F03B013/00; F16H021/12;	JIANHUA HE;	SWING ARM TYPE POWER MACHINE
CN201902287U U 20110720	CN20102231267U;	F03D007/00;	BAODING RICHWIND NEW ENERGY EQUIPMENT CO LTD;	PITCH CHANGING DEVICE FOR WIND POWER GENERATOR
CN201902288U U 20110720	CN20102608597U;	F23J015/00; F03D009/00;	DONG XUE;	POWER GENERATING DEVICE FOR COOLING TOWER AND CHIMNEY
CN201902289U U 20110720	CN20102666360U;	H02J007/00; F03D001/06; F03D009/00; F03D007/04;	FAN XIA;	WIND POWER GENERATOR
CN201902290U U 20110720	CN20102668361U;	F03D009/00; F03D005/04;	LU JUN;	HORIZONTAL TOWER WIND POWER DIFFERENCE POWER GENERATOR
CN201902291U U 20110720	CN20102652592U;	F16C033/58; F16C019/18; F16C033/78; F03D007/00; F03D011/00;	JIANGSU RIGHT SLEWING RING CO LTD;	VARIABLE-PROPELLER BEARING FOR WIND POWER GENERATION

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CN201902292U U 20110720	CN20102653568U;	F16C019/02; F03D011/00; F16C033/76; F16C033/58; F03D007/00; F16C033/66;	JIANGSU RIGHT SLEWING RING CO LTD;	YAW BEARING FOR WIND POWER GENERATION
CN201902293U U 20110720	CN20102667960U;	F16F015/04; F03D011/00;	LUOYANG SUNRUI RUBBER & PLASTIC TECHNOLOGY CO LTD;	ELASTIC SUPPORTER FOR MACHINE CABIN COVER OF WIND POWER GENERATOR
CN201902294U U 20110720	CN20102670843U;	F03D011/00;	JIANGSU NEW UNITED GROUP CO LTD;	MACHINE CABIN WATER-PROOF DEVICE FOR WIND POWER GENERATOR
CN201902295U U 20110720	CN20102674086U;	F03D011/00;	KUIYANG LI;	TOWER FRAME OF WIND POWER GENERATOR
CN201902296U U 20110720	CN20102674222U;	H01T019/00; F03D011/00;	SHANGHAI AEOLON WIND ENERGY TECHNOLOGY DEV CO LTD;	BLADE LIGHTNING PROTECTION DEVICE FOR WIND POWER GENERATION
CN201902297U U 20110720	CN20102676452U;	F03D011/00; F16H057/02; F03D007/00;	CHONGQING GEARBOX CO LTD;	WIND ELECTRIC POWER GENERATION YAW GEARBOX INPUT MECHANISM
CN201902442U U 20110720	CN20102649937U;	F16C019/38; F16C033/78; F03D011/00;	WAFANGDIAN BEARING GROUP CO;	TURNPLATE BEARING OF THREE-LINE EQUANT CYLINDRICAL ROLLER TYPE
CN201904662U U 20110720	JP20100115144;JP 20100171781;	F03D009/00; H02K001/14;	YASKAWA ELECTRIC CORP;	ROTATING MACHINE AND WIND POWER GENERATION SYSTEM
CN201907919U U 20110727	CN20102681065U;	B66C001/12; F03D011/00;	KUIYANG LI;	LIFTING APPLIANCE FOR FOUNDATION RING OF WIND POWER TOWER CYLINDER

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CN201908774U U 20110727	CN20112020879U;	F03D003/06; F03D003/00;	WENDOU DING;	VERTICAL SHAFT WIND POWER GENERATING MACHINE WITH DOUBLE-ACTING BLADESCAPABLE OF USEFUL WORK WITHIN 290 DEG
CN201908775U U 20110727	CN20102691729U;	F03D007/00;	ZHONGNENG POWER TECH DEV CO LTD;	ACTIVE POWER CONTROL DEVICE OF WIND TURBINES
CN201908776U U 20110727	CN20112024029U;	F03D007/00;	CHEN JIANHUA;	DEVICE REINFORCING SYSTEM POWER SETTING
CN201908777U U 20110727	CN20112004065U;	F03D007/02; F16D001/06;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	OUTPUT STRUCTURE OF WIND POWER PITCH DRIVE GEARBOX
CN201908778U U 20110727	CN20102141222U;	F03B013/00; F03B011/00; F03D009/00; B60K016/00; F03D007/06; F03D003/04;	WENMING HUANG;	ASSEMBLY OF ROTATING BLADE TURBINE AND DIVERSION TRENCH
CN201908779U U 20110727	CN20101110720;C N20102192692U;	F03D011/00; F03D009/00; F03D001/00;	MICROVAST POWER SYSTEMS HUZHOU CO LTD;	AIR CONCENTRATION TYPE WIND GENERATOR
CN201908780U U 20110727	CN20102673997U;	F03D009/00; F03D011/00;	CHAO WANG;	GALLOPING WIND GENERATING SET
CN201908781U U 20110727	CN20102691719U;	F03D003/00; F03D007/06; F03D003/06; F03D009/00; H02N006/00;	GUANGDONG OUTRACE TECHNOLOGY CO LTD;	WIND AND PHOTOVOLTAIC HYBRID POWER GENERATING DEVICE
CN201908782U U 20110727	CN20102692218U;	F03D009/00; F03D011/00;	SHENYANG HUAREN WIND POWER TECHNOLOGY CO LTD;	WIND GENERATING SET WITH WHEEL HUB AND CABIN AIR EXCHANGE DEVICE

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CN201908783U U 20110727	CN20112002602U;	F03D009/00; F03D011/04;	TIAN SHUSHEN;XIAOPING HUA;	DOUBLE-GENERATOR COMBINED WIND GENERATING SET DIRECTLY DRIVEN BYEXTRA-LARGE WIND WHEEL
CN201908784U U 20110727	CN20112005551U;	A41D027/02; A41D013/05; F03D009/00;	GRN GROUP CO LTD;	WARMING CLOTHES
CN201908785U U 20110727	CN20112023489U;	F03D011/00; F03B011/00; F03D009/00; F03B013/14; F03B013/00;	YANJUN FAN;	HYDRAULIC ENERGY CONCENTRATING WORKING MACHINE
CN201908786U U 20110727	CN20112042402U;	F03G006/06; F01D015/00; F03D009/02; F03G001/00; F01K025/10;	ZHENDUO WANG;	GENERATING DEVICE FOR CONVERTING AND STORING SOLAR ENERGY AND WINDENERGY
CN201908787U U 20110727	CN20102644024U;	F03D011/00;	SHENYANG YUANDA MECHANICAL & ELECTRICAL EQUIPMENT CO LTD;	PROTECTION TYPE CABIN COVER FOR WIND TURBINE GENERATOR SET
CN201908788U U 20110727	CN20102689473U;	F03D011/00;	HONG LI;	TOWER OF WIND POWER GENERATOR
CN201908789U U 20110727	CN20112022930U;	F03D011/00;	XEMC WINDPOWER CO LTD;	RADIATING DEVICE OF WIND-DRIVEN GENERATOR
CN201908790U U 20110727	CN20112067266U;	F03D011/00; F03D007/00;	NINGBO GINLONG NEW ENERGY TECHNOLOGY CO LTD;	WIDE-TOP BLADE CAPABLE OF SELF ADJUSTING BLADE PITCH
CN201908791U U 20110727	CN20102689468U;	F03D011/04;	HONG LI;	UPPER SECTION OF TOWER DRUM FOR WIND-DRIVEN GENERATOR



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CN201908997U U 20110727	CN20102654909U;	F03D011/00; F16H001/32; F16H057/02; F16H057/10;	HUNAN TYEN MACHINERY CO LTD;	YAWING OSCILLATING-TOOTH SPEED REDUCER
CN201909025U U 20110727	CN20112004072U;	F16H057/08; F03D011/00;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	DOUBLE-WALL INTEGRAL PLANET CARRIER OF WIND POWER SPEED REDUCER
CN201909260U U 20110727	CN20102207339U;	F21S009/04; F03D009/00; F21S009/02; F21S009/03; H02N006/00;	CHUANMEI HU;GAOZHENG TANG;GUANGYANG;UNIV CHENGDU TECHNOLOGY;WEI ZHOU;YANG DENG;YINGXIN REN;	ENERGY-SAVING DEVICE OF OUTDOOR LIGHT BOX
CN201910666U U 20110727	CN20102567006U;	F03D009/00; H02J013/00;	SHANGHAI GHREPOWER GREEN ENERGY CO LTD;	WIND POWER ENERGY-SAVING EVALUATION EQUIPMENT
CN201910731U U 20110727	CN20102136986U;	H05K007/02; H02M001/00; H05K007/20; F03D009/00;	CSR ZHUZHOU ELEC LOCO RES INST;	CABINET DEVICE OF CONVERTER MODULE OF DOUBLE- FEEDBACK WIND TURBINEGENERATOR SET
CN201910748U U 20110727	CN20102533703U;	F03D009/00; H02K007/18; H02N006/00;	CHUANWEN SUN;JIJIANG SUN;	GENERATING DEVICE FOR STORING POTENTIAL ENERGY OF WIND POWER/SOLARENERGY GENERATION
CN201995335U U 20111005	CN20102520115U;	A01D041/02; F03D009/00; C25B001/04; A01D069/02;	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD;	HARVESTER BY TAKING NEW WIND-HYDROGEN ENERGY AS POWER DEVICE
CN201998234U U 20111005	CN20102649165U;	F03D009/00; B27B017/00;	SHANXI COKING COAL GROUP CO LTD;	HANDHELD TYPE LIGHT PNEUMATIC SAW

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CN201998809U U 20111005	CN20102570685U;	F03D009/00; B60L008/00;	HUAIXI ZHANG;	WIND GENERATOR FOR VEHICLES
CN201999701U U 20111005	CN20112121701U;	B66D001/60; B66F019/00; F03D011/00;	CHINA MCC17 GROUP CO LTD;	WIND-SEIZING TRACTION DEVICE FOR MOUNTING OF WIND GENERATOR BLADES
CN201999744U U 20111005	CN20102677974U;	C01D003/06; F03D009/00;	HAINAN UNIVERSITY;	SOLAR-WIND POWER COMPLEMENTATION SEA SALT DRYING MACHINE
CN202000691U U 20111005	CN20102521726U;	F03B013/00; E04H001/04; E04F013/75; E04D011/00; F03D009/00;	GENG LIU;XUDONG LIU;	ECOLOGICAL ENVIRONMENT-FRIENDLY ENERGY INTEGRATED BUILDING
CN202001184U U 20111005	CN20112063668U;	F03D011/00; F03D003/02; F03D001/02; F03D011/02;	TIAN SHUSHEN;XIAOPING HUA;	DOUBLE-BEARING DIRECT-DRIVE WIND GENERATING SET WITH DEAD AXLEINDEPENDENTLY BEARING BENDING MOMENT
CN202001185U U 20111005	CN20112087825U;	F03D001/02; F03D007/04;	ZIXIN WANG;	SMALL SIZE WIND TURBINE
CN202001186U U 20111005	CN20112003661U;	F03D003/02; F03D003/06;	YUFENG ZHUANG;	MULTIPLE-WING VERTICAL WIND TURBINE
CN202001187U U 20111005	CN20112035974U;	H02K001/27; F03D003/06; H02K005/04; F03D003/04; F03D009/00;	SHENGRAN LI;	WIND TURBINE AND SPECIAL WIND WHEEL THEREOF
CN202001188U U 20111005	CN20112038259U;	F03D007/00;	CHENGDU FORWARD TECHNOLOGY CO LTD;	VARIABLE-PITCH CONTROL CIRCUIT FOR WIND GENERATING SET

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CN202001189U U 20111005	CN20112002915U;	F03D007/02;	WIPO WIND POWER WUXI CO LTD;	ELECTRIC PITCH-VARIABLE DEVICE FOR WIND-DRIVEN GENERATOR
CN202001190U U 20111005	CN20112007955U;	F03D007/04;	HUNAN SONYA SCIENCE & TECHNOLOGY DEV CO LTD;	WIND-POWER TURBINE MONITORING SYSTEM OF WIND DRIVEN GENERATOR
CN202001191U U 20111005	CN20112020061U;	F03D007/04; F03D009/00;	SANY ELECTRIC CO LTD;	WIND GENERATING SET AND PITCH CONTROL SYSTEM THEREOF
CN202001192U U 20111005	CN20112112686U;	F03D007/04;	JIANGSU FLYINGS LIGHTING MFG CO LTD;	NUMERICAL CONTROL SPEED REGULATION DEVICE FOR MICRO WIND-DRIVEN GENERATOR
CN202001193U U 20111005	CN20102669795U;	F03D001/06; F03D009/00; F03D007/04; F03D001/00;	GUOHUA JIN;LIE LEI;SIQIANG LIU;	MULTI-UNIT INTEGRATED INVERSION COMBINED WIND POWER GENERATION DEVICE
CN202001194U U 20111005	CN20102681910U;	F03D009/00; F03D011/04;	UNIV ZHEJIANG;	STRONG WIND-RESISTING DEPLOYABLE CABLE AND TOWER-SHAPED WIND DRIVEN GENERATOR
CN202001195U U 20111005	CN20102691488U;	F03D011/00; H02J007/00; F03D009/00; B61C017/00;	SHENZHEN EFFSUN WIND POWER CO LTD;	RAILWAY TRAIN AND WIND POWER GENERATOR FOR RAILWAY TRAIN
CN202001196U U 20111005	CN20112002458U;	H02J007/00; F03D009/00;	JIANGDI CHENG;	WIND POWER GENERATION DEVICE
CN202001197U U 20111005	CN20112047963U;	F03D003/00; F03D009/00; F03D003/06;	JIANGSU AOSHENG WIND POWER CO LTD;	VERTICAL AXIS WIND TURBINE

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CN202001198U U 20111005	CN20112048115U;	F03D003/06; F03D003/02; F03D009/00; F03D011/00;	JIANGSU AOSHENG WIND POWER CO LTD;	WIND DRIVEN GENERATOR
CN202001199U U 20111005	CN20112048122U;	F03D003/00; F03D009/00; F03D003/06;	JIANGSU AOSHENG WIND POWER CO LTD;	WIND-DRIVEN GENERATOR
CN202001200U U 20111005	CN20112048125U;	F03D009/00; F03D003/06; F03D003/00;	JIANGSU AOSHENG WIND POWER CO LTD;	VERTICAL-AXIS WIND DRIVEN GENERATOR
CN202001201U U 20111005	CN20112055313U;	F03D009/00; F03D003/06; H02K007/18; F03D003/00; F03D003/04; B60L008/00; B08B005/02;	HEFEI ANXUN RAILWAY APPLIED TECHNOLOGY CO LTD;	WIND POWER CONVERSION DEVICE APPLICABLE TO WAGONS
CN202001202U U 20111005	CN20112057533U;	C25B009/04; F03D009/00; C25B001/04;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	NON-GRID-CONNECTED WIND-DRIVEN GENERATING SET USED FOR HYDROGENMANUFACTURING
CN202001203U U 20111005	CN20112086424U;	F03D005/00; F03D009/00;	CHANGZHOU NESL SOLARTECH CO LTD;	INTEGRAL WIND VANE OMNIDIRECTIONAL STEREO WIND-DRIVEN GENERATOR
CN202001204U U 20111005	CN20112107725U;	F04B017/02; F03D009/00;	XIAOGUAN CHEN;	WIND-FORCE WATER ELEVATOR
CN202001205U U 20111005	CN20102681515U;	F03D011/00;	BEIJING TIANYUAN SCIENCE & TECHNOLOGY CREATION WINDPOWER TECHNOLOGY COLTD;	ANTI-LOOSING IDENTIFICATION DEVICE FOR WIND POWER GENERATOR SET BOLT

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CN202001206U U 20111005	CN20112012417U;	F16H055/12; F16H055/17; F03D011/00; F03D007/00;	WAFANGDIAN MOS WRC BEARING MANUFACTURE CO LTD;	YAW SYSTEM GEAR RING
CN202001207U U 20111005	CN20112012750U;	F03D011/00;	JIANGYINWIND POWER FLANGE MFG CO LTD;	MAIN SHAFT LOCK OF MEGAWATT BLOWER
CN202001208U U 20111005	CN20112040863U;	F16H048/06; F03D011/00; F16H003/72;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	VARIABLE-SPEED RATIO WIND POWER SPEED INCREASING BOX
CN202001209U U 20111005	CN20112047460U;	F03D011/00;	UNIV NORTHWESTERN POLYTECHNIC;	WIND TURBINE BLADE FOR CONTROLLING STALL THROUGH STANDING VORTEX
CN202001210U U 20111005	CN20112052753U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CONICAL CYLINDER TOWER
CN202001211U U 20111005	CN20112052757U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	TOWER
CN202001212U U 20111005	CN20112052759U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	TOWER FRAME FOR WIND GENERATING SET
CN202001213U U 20111005	CN20112052760U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CYLINDRICAL TOWER
CN202001214U U 20111005	CN20112052778U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CYLINDRICAL TOWER
CN202001215U U 20111005	CN20112052779U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	TOWER DEVICE

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CN202001216U U 20111005	CN20112052782U;	F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CONICAL CYLINDRICAL TOWER
CN202001217U U 20111005	CN20112079074U;	F03D011/00; H05K007/20;	SHENYANG TEWIN NEW ENERGY EQUIPMENT CO LTD;	AIR CONDITIONING SYSTEM OF LOW-TEMPERATURE TYPE WIND GENERATING SET
CN202001218U U 20111005	CN20112079177U;	F03D011/00;	SHENYANG TEWIN NEW ENERGY EQUIPMENT CO LTD;	BAFFLE FOR INLET OF HUB OF WIND GENERATING SET
CN202001219U U 20111005	CN20112104055U;	F16H033/00; F16H048/08; F03D009/00; F03D011/00; F16H048/20;	ZEXING GAO;	ENERGY STORAGE SYSTEM AND WIND DRIVEN GENERATOR COMPRISING SAME
CN202001220U U 20111005	CN20102688964U; CN20112114604U;	F03D011/00;	BAODING TIANWEI GROUP CO LTD;	FAN BASE
CN202001221U U 20111005	CN20102688962U; CN20112114625U;	F16D001/02; F03D011/00;	BAODING TIANWEI GROUP CO LTD;	CONNECTING STRUCTURE OF MAIN SHAFT AND GEARBOX OF WIND GENERATING SET
CN202001222U U 20111005	CN20112114901U;	F03D011/00;	TIANJIN CHENGRUIYUAN METAL PRODUCTS CO LTD;	DUSTPROOF DEVICE FOR AIR VENT OF ENGINE CASING OF WIND TURBINE
CN202001223U U 20111005	CN20112041348U;	F03D011/02;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	SINGLE-BEARING SUPPORTED LARGE DOUBLE-STATOR PERMANENT MAGNETDIRECT-DRIVE WIND-DRIVEN GENERATOR
CN202001224U U 20111005	CN20112052752U;	F03D011/04;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CYLINDRICAL TOWER FOR WIND GENERATOR SYSTEM

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CN202004388U U 20111005	CN20112057520U;	F03D011/00; H02G003/00; H02G003/04;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	CABLE SEPARATING AND FIXING DEVICE
CN202004470U U 20111005	CN20112025543U;	H02J003/38; F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	ELECTRICAL CONNECTION STRUCTURE FOR CONNECTING OFFSHORE WINDGENERATING SETS TO POWER GRID
CN202004606U U 20111005	CN20112076616U;	F03D011/00; H02K019/38;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	SYNCHRONOUS WIND-DRIVEN GENERATOR SET TRANSMISSION CHAIN WITHSERIES-TYPE ELECTROMAGNETIC COUPLER
CN202004607U U 20111005	CN20112076871U;	H02K019/38; F03D011/00;	GUODIAN UNITED POWER TECHNOLOGY CO LTD;	SYNCHRONOUS WIND GENERATING SET DRIVING CHAIN WITH PARALLELELECTROMAGNETIC COUPLER
CN202006736U U 20111012	CN20112057349U;	F03D001/06; F03D001/04; F03D009/00; B60L008/00;	MENG ZHAO;	WIND POWER GENERATION DEVICE FOR VEHICLES
CN202007737U U 20111012	CN20112102707U;	F03D001/02; F03D007/04; F03D011/04; F03D009/00;	WEIHAI WEIYING PLASTIC CO LTD;	WIND POWER GENERATION AND WIND-POWER AIR COMPRESSION DUAL-PURPOSEMACHINE WITH AUTOMATIC SPEED REGULATING FUNCTION
CN202007738U U 20111012	CN20102575620U;	F03D001/04; H02J003/38; F03D009/00; F03D001/06; H02N006/00;	YOUCAI XU;	VORTEX TYPE WIND AND LIGHT DUAL-PURPOSE POWER GENERATOR
CN202007739U U 20111012	CN20102624079U;	F03D001/00; F03D009/00; F03D011/04; F03D007/04;	ZHIGUO ZHANG;	WIND GENERATING SET WITH FAN BLADE WHEEL HORIZONTAL SHAFT TAIL FIN ANDFLOOR OPERATION TYPE BOOSTER POWER GENERATOR

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CN202007740U U 20111012	CN20102701225U; CN20112040061U;	H02K016/02; F03D003/02; H02K007/0116; F03D003/06; F03D009/00; F03D007/06;	RUIQI LIU;	WIND POWER GENERATING SYSTEM
CN202007741U U 20111012	CN20112068490U;	F03D009/00; F03D001/06; F03D011/04;	NANTONG SHENG DONG HANGDAO ENGINEERING CO LTD;	OFFSHORE WIND GENERATING SET
CN202007742U U 20111012	CN20112112312U;	F03D001/04; F03D001/00; F03D001/06; F03D009/00;	WENJIN FENG;	FAN
CN202007743U U 20111012	CN20112147224U;	F03D001/02; H02K007/18; B60L008/00; F03D009/00;	KEXIANG LIN;	WIND-DRIVEN GENERATOR FOR ELECTRIC VEHICLE
CN202007744U U 20111012	CN20102643265U;	F03D011/00;	SIEMENS AG;	IMPROVED BASE FOR WIND TURBINE
CN202007745U U 20111012	CN20112120612U;	F03D011/00;	AVIC HUIDE WINDPOWER ENGINEERING CO LTD;	COMPACT TRANSMISSION CHAIN OF LARGE-SCALE WIND GENERATING SET
CN202007746U U 20111012	CN20112071032U;	F03D011/04;	SANY ELECTRIC CO LTD;	WIND POWER GENERATING SET, TOWER AND ORNAMENT FIXING DEVICE OF TOWER
CN202009182U U 20111012	CN20102674296U; CN20112112969U;	H02B005/00; H02B001/04; F03D011/00;	BAODING TIANWEI GROUP CO LTD;	ARRANGEMENT STRUCTURE OF OUTER STRUCTURE OF 35KV COMBINED TRANSFORMERFOR WIND POWER GENERATION



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CN202009262U U 20111012	CN20102667843U;	H02N006/00; H02J009/04; H02J007/00; F03D009/00;	CHENGBIN DONG;	WIND ENERGY SOLAR ENERGY EMERGENCY POWER SUPPLY APPARATUS FOR OCEANPLATFORM
CN202011709U U 20111019	CN20112115103U;	B66F007/02; F03D011/00; B66F007/08; B66C025/00;	YINAN CEN;	INSTALLATION WORK PLATFORM FOR WIND TURBINE GENERATOR SET
CN202011766U U 20111019	CN20112109633U;	F03D009/00; C02F001/44;	CHINA INST OF WATER RESOURCES AND HYDROPOWER RES;	INDEPENDENT WIND POWER DRIVING SEAWATER DESALTING DEVICE
CN202012447U U 20111019	CN20112121673U;	F03D001/06; F03D001/02; F03D009/00;	FENG WEI;	WIND POWER GENERATION DEVICE
CN202012448U U 20111019	CN20112110159U;	F03D001/04;	ZHENAN DUAN;	WIND GENERATING SET
CN202012449U U 20111019	CN20112017418U;	H02N006/00; F03D011/04; F03D003/02;	HIMIN HOLDINGS CO LTD;	COMPREHENSIVE SOLAR-WIND ENERGY UTILIZATION DEVICE
CN202012450U U 20111019	CN20102691618U;	F03D007/00;	ZHONGNENG POWER TECH DEV CO LTD;	WIND GENERATING SET REACTIVE POWER CONTROL DEVICE
CN202012451U U 20111019	CN20102662009U;	F03D011/00; F03D009/00; F03D003/06;	JIAQI XIA;	VERTICAL SHAFT WIND GENERATING SET
CN202012452U U 20111019	CN20112046261U;	F03D011/00; F03D003/06; H02N006/00; F03D009/00;	YANGJIANG HENERY IND CO LTD;	WIND-LIGHT SUPPLEMENTARY FAN

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CN202012453U U 20111019	CN20112018849U;	F03D011/00;	SIEMENS AG;	PRE-ASSEMBLED HEAT EXCHANGER UNIT MODULE FOR WIND TURBINE
CN202012454U U 20111019	CN20112061116U;	H01R004/28; H01R013/73; H01R004/18; F03D011/00; H01R031/06;	INNER HANGTIAN YIJIU TECHNOLOGY DEV CO LTD;	LIGHTNING PROTECTION DEVICE FOR LARGE-SCALE WIND DRIVEN GENERATOR SETS
CN202012567U U 20111019	CN20112053260U;	F03D011/00; F16C023/06;	XIQUAN GUO;	MAIN BEARING DEVICE OF MAIN SHAFT OF WIND DRIVEN GENERATOR
CN202012570U U 20111019	CN20112064572U;	F16C032/06; F03D011/00;	XIQUAN GUO;	OIL FILM BEARING OF MAIN SHAFT OF WIND DRIVEN GENERATOR
CN202012589U U 20111019	CN20112004071U;	F16D055/24; F03D011/00; F16D065/22;	SUOTE TRANSMISSION EQUIPMENT CO LTD;	BRAKE OF REVOLUTION SPEED REDUCER
CN202012843U U 20111019	CN20112012336U;	F03D001/00; H02N006/00; F21S009/04; F21S009/03; F03D003/00; F03D009/00;	SHANGHAI TAILOR STEEL STRUCTURE ENGINEERING CO LTD;	WIND-SOLAR HYBRID STREETLAMP WITH BIDIRECTIONAL WIND SOURCE
CN202017574U U 20111026	CN20112047762U;	F03D011/00; F03D011/02; F03D001/02;	YAN HUANG;	WIND POWER GENERATION DEVICE
CN202017575U U 20111026	CN20112109685U;	F03D003/02;	YUKUN LIU;	MULTI-PURPOSE VERTICAL WINDMILL
CN202017576U U 20111026	CN20112121796U;	F03D003/06;	DONGGUAN KEE TAT LIGHTING HOLDINGS CO LTD;	FAN BLADE STRUCTURE FOR WIND POWER LAMP

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CN202017577U U 20111026	CN20102616475U;	F03D009/00; F03D003/00; F03D003/06;	TINGTING YIN;	VERTICAL AXIS WIND DRIVEN GENERATOR
CN202017578U U 20111026	CN20102692921U;	F03D009/00; F03D003/06; B60K016/00;	SHANGHAI JINYUAN SENIOR HIGH SCHOOL;	WINDMILL ENERGY CONVERSION DEVICE
CN202017579U U 20111026	CN20112140502U;	F03D003/06; F03D009/00; H02K016/00;	BEIJING SHIGUANG LONGTENG WINDPOWER TECHNOLOGY DEV CO LTD;	DOUBLE DISK TYPE WIND DRIVEN GENERATOR
CN202017580U U 20111026	CN20112019037U;	F03G007/04; F03D009/02;	WEIDONG GU;	WIND ENERGY STORAGE POWER SUPPLY SYSTEM
CN202017581U U 20111026	CN20102659206U;	F03D011/00;	SIEMENS AG;	LOCKING MECHANISM OF ROTOR OF WIND TURBINE
CN202017582U U 20111026	CN20102688192U;	C09J175/04; F03D011/00;	GUANGDONG MINGYANG WIND POWER GROUP CO LTD;	BLADES OF WIND DRIVEN GENERATOR
CN202017583U U 20111026	CN20112138791U;	F03D011/00;	WUXI GUANYUN HEAT EXCHANGER CO LTD;	WATER COOLER FOR WIND DRIVEN GENERATOR SET
CN202017584U U 20111026	CN20112122613U;	F03D011/04;	LIAONING DAJIN HEAVY INDUSTRY CO LTD;	TENSION MULTI-SECTION CONCRETE WIND POWER TOWER
CN202017585U U 20111026	CN20112122716U;	F03D011/04;	LIAONING DAJIN HEAVY INDUSTRY CO LTD;	MULTI-SECTION CONCRETE WIND POWER TOWER

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CN202018142U U 20111026	CN20112103946U;	F24J002/00; F24J002/46; F24H001/20; F03D001/00; F03D009/00;	5TH ENGINEERING COLTD OF THE THIRD ENGINEERING GROUP OF CHINA RAILWAY;THIRD ENGINEERING GROUP CO LTD OF CHINA RAILWAY;	WIND ENERGY COMPENSATING TYPE WALL SOLAR DEVICE
CZ20100466 A3 20111221	CZ20100000466;	F03D005/06;	HUJECEK ALEUE;HUJECEK ZDENEK;KREMEN ALEUE;	APPARATUS FOR UTILIZATION OF WIND ENERGY
CZ23106U U1 20111228	CZ20110025017U;	F03D005/06;	DOSTRAUEIL JOSEF;	WINDMILL MOTOR
CZ302586 B6 20110720	DE19982022003U; DE19991029386;D E19991047211;DE 19991051346;	F03D011/00;	WOBBEN ALOYS;	USE OF COATED LAYER OF TWO-COMPONENT POLYURETHANE VARNISH ON A WINDPOWER PLANT
DE102009033628 A1 20110721	DE200810051309; DE200910033628;	F03D009/00; F03D003/06;	MOERICKE DANGER;	GEBÄUDEBASIERTER, KOMPAKTER, WINDGENERATOR IM VERTIKAL-AXIAL-BETRIEB
DE102009036270 A1 20110908	DE200910036270;	F03D001/06;	OLEKSANDR MISLAVSKYY;	WIND POWER GENERATOR FOR CONVERSION OF WIND ENERGY INTO ELECTRICALPOWER, HAS DIAGONAL RODS COMPRISING CARRYING PART, WHERE ENDS OF CASING IS LIMITED IN ALL TYPES OF DISPLACEMENTS RELATIVE TO PART EXCEPT RELATIVE MOVEMENT ALONG PART
DE102009053249 A1 20110707	DE200910053249;	B66B011/02; F03D011/00; B66B011/04;	WOBBEN ALOYS;	AUFZUG

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DE102010000707 A1 20110707	DE201010000707;	F03D011/00; F03D007/00;	REPOWER SYSTEMS AG;	VERFAHREN ZUM BETREIBEN EINER WINDENERGIEANLAGE
DE102010000756 A1 20110714	DE201010000756;	F03D011/00;	WOBBEN ALOYS;	WINDENERGIEANLAGE
DE102010000837 A1 20110714	DE201010000837;	F03D007/00; F03D011/00;	SKYWIND GMBH;	VERFAHREN ZUR VERMINDERUNG DER KOMPLEXITÄT VON WINDENERGIEANLAGEN IM WINDPARKVERBUND UND ANORDNUNG EINES WINDPARKS
DE102010002131 A1 20110818	DE201010002131;	B29C070/44; F03D001/06; B29C070/48;	WOBBEN ALOYS;	VERFAHREN ZUM HERSTELLEN VON WINDENERGIEANLAGEN-ROTORBLÄTTERN UND WINDENERGIEANLAGEN-ROTORBLATT
DE102010002203 A1 20110825	DE201010002203;	F03D007/00; F03D011/00;	REPOWER SYSTEMS AG;	VERFAHREN ZUM BETRIEB EINER WINDENERGIEANLAGE
DE102010002313 A1 20110825	DE201010002313;	F03D011/00; F16D065/18; F03D007/00;	HANNING ELEKTRO WERKE;	VERFAHREN UND VORRICHTUNG ZUM STEUERN EINER BREMSE
DE102010002432 A1 20110901	DE201010002432;	F03D001/06; B29C070/20;	REPOWER SYSTEMS AG;	ROTORBLATT FÜR EINE WINDENERGIEANLAGE, WINDENERGIEANLAGE UND VERFAHREN ZUM HERSTELLEN EINES ROTORBLATTS
DE102010002720 A1 20110915	DE201010002720;	F03D001/06; B29C051/00;	WOBBEN ALOYS;	WINDENERGIEANLAGEN-ROTORBLATT
DE102010002782 A1 20110915	DE201010002782;	F03D001/06; B29C070/44;	REPOWER SYSTEMS AG;	METHOD FOR MANUFACTURING ROTOR BLADE OF WIND ENERGY PLANT FROM RESIN LAMINATE, INVOLVES EXPOSING COMPONENT IN MOLD WITH LOW PRESSURE AND HEATING COMPONENT TO TEMPERATURE SO THAT RESIN FLOWS AND PENETRATES THROUGH DRY FIBER SHEETS

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DE102010002828 A1 20110915	DE201010002828;	F03D011/00; F03D001/00;	REPOWER SYSTEMS AG;	VERFAHREN ZUM HERSTELLEN EINES MASCHINENTRÄGERS FÜR EINEWINDENERGIEANLAGE, MASCHINENTRÄGER UND WINDENERGIEANLAGE
DE102010003160 A1 20110929	DE201010003160;	F03D011/04; F03D009/00; F03D003/00;	MADAC GMBH;	WIND-DRIVEN VENTILATOR, PARTICULARLY FOR FIREPLACES OF FIREPLACE OVEN, HAS ROTOR WHICH HAS MULTIPLE ROTOR BLADES AND ROTOR SHAFT THAT IS CONNECTED WITH ROTOR BLADES
DE102010003296 A1 20110929	DE201010003296;	F03D001/06; B29C033/42; B29C033/30;	REPOWER SYSTEMS AG;	VORRICHTUNG UND TEILFORM FÜR DIE HERSTELLUNG VON ROTORBLÄTTERN FÜR WINDENERGIEANLAGEN UND HERSTELLUNGSVERFAHREN
DE102010003356 A1 20110929	DE201010003356;	F03D011/00; B29B015/12; B29C065/40; B64C001/06; F03D001/06; B29C070/34;	DEUTSCH ZENTR LUFT & RAUMFAHRT;	COMPONENT MANUFACTURING METHOD FOR E.G. AIRCRAFT, INVOLVES IMPREGNATING ADDED REINFORCEMENT FIBERS WITH POLYMER MATRIX FOR FORMING COMPONENT FROM ELEMENTS, WHERE REINFORCEMENT FIBERS ARE DISRUPTED ALONG PARTING PLANE
DE102010003694 A1 20111013	DE201010003694;	B60P003/40; F03D011/04;	WOBBEN ALOYS;	TRANSPORT VEHICLE FOR TRANSPORTATION OF WIND TURBINE BLADES AND TOWER SEGMENTS, HAS TRANSPORT FRAME EQUIPPED WITH BASE FRAME, WHERE TILTING CHAIR IS PIVOTALLY CONNECTED TO BASE FRAME
DE102010003879 A1 20111013	DE201010003879;	F03D011/04; F03D011/00; F03D001/06;	WOBBEN ALOYS;	WINDENERGIEANLAGEN-AZIMUT- ODER PITCHANTRIEB
DE102010003991 A1 20110707	DE201010003991;	F03D005/00; F03D001/06;	TECHTOR GMBH;	WING FOR WIND TURBINE FOR SMALL-SCALE POWER SUPPLY IN RESIDENTIAL AREA, HAS WING PROFILE COMPRISING CONCAVE CURVED OUTER SIDE IN REGION OF ITS FRONT AXIAL END, WHERE OUTER SIDE IS CONVEXLY CURVED IN REGION OF REAR AXIAL END OF WING

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DE102010003992 A1 20110707	DE201010003992;	F03D001/06; F03D005/00;	TECHTOR GMBH;	WING FOR NON-POSITIVE DISPLACEMENT ENGINE I.E. WIND WHEEL, FORSMALL-SCALE POWER SUPPLY IN RESIDENTIAL AREA, HAS ROTARY BODY RESULTED FROM ROTATION OF ARC SHAPED CURVE, AND REAR EDGE DESIGNED AS FLEXIBLE LIP SOFTER THAN RESIDUAL WINGS
DE102010003993 A1 20110707	DE201010003993;	F03D001/06; F03D005/00;	TECHTOR GMBH;	METHOD FOR MANUFACTURING WING OF WIND WHEEL OF SMALL-SCALE POWERSUPPLY OF RESIDENTIAL AREA, INVOLVES INSERTING BALANCING WEIGHT INTO CAVITY IN WING OF DISPLACEMENT ENGINE SUCH THAT BALANCING WEIGHT IS ARRANGED IN DETERMINED POSITION
DE102010003994 A1 20110707	DE201010003994;	F03D001/06; F03D005/00; F03D007/02;	TECHTOR GMBH;	WING FOR NON-POSITIVE DISPLACEMENT ENGINE I.E. WIND WHEEL, FORSMALL-SCALE POWER SUPPLY IN RESIDENTIAL AREA, HAS ROTARY BODY RESULTED FROM ROTATION OF ARC SHAPED CURVE, AND SLAT UNIT WITH EXTENSIBLE SLAT, PROVIDED IN PORTION OF WING
DE102010004147 A1 20110714	DE201010004147;	F03D009/00; F03D011/04;	HAYER HELMUT EMMERICH;	WIND ELECTRICAL GENERATOR POWER AND EFFICIENCY INCREASING METHOD,INVOLVES ATTACHING GEAR WHEEL ON WIND WHEELS, ROTORS AND WINGS, AND DRIVING SEPARATE ELECTRICAL GENERATOR BY GEAR WHEEL ON SAME AXLE AS SMALL WHEEL WITH SPEED OF ROTATION
DE102010004210 A1 20110818	DE201010004210;	F03G003/08; F03D009/00;	STUTE MANFRED;	ENERGY STORAGE METHOD FOR CARBON DI-OXIDE FREE ENERGY SUPPLY FORCITIES, HOMES AND BUILDINGS, INVOLVES STORING ELECTRICAL ENERGY IN KINETIC ENERGY STORAGE WITH INTEGRATED MOTOR OR GENERATOR AND DEFINING SYSTEM IN VACUUM

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DE102010005128 A1 20110721	DE201010005128;	F03D001/02; F03D001/06;	SMOLKA PETER P;	ROTOR FOR WIND POWER PLANT, IS PROVIDED WITH NINETY METER DIAMETER ANDHAS ROTOR BLADES WHICH ARE OPTIONALLY IDENTICAL TO EACH OTHER
DE102010005286 A1 20110728	DE201010005286;	F03D011/00;	REPOWER SYSTEMS AG;	WINDENERGIEANLAGE MIT ZUSATZVERBRAUCHER, INSBESONDEREBLATTHEIZUNGSVORRICHTUNG, UND BETRIEBSVERFAHREN HIERZU
DE102010005344 A1 20110728	DE201010005344;	F03D009/00; F03D009/02; F03D003/06;	RADEMACHER HANS-PETER;	WIND DRIVEN SMALL ENERGY GENERATOR HAS ROTOR WHICH IS ARRANGED INBUILDING MATERIAL OF BUILDING, WHERE ROTOR GENERATES ELECTRIC CURRENT THROUGH REVOLUTION BY OSCILLATOR
DE102010005510 A1 20110728	DE201010005510;	F03D009/00;	WEH HERBERT;	UPWIND POWER STATION FOR CONVERSION OF FLOW ENERGY OF AIR FOR DRIVINGPOWER OF ROTATING MACHINES, HAS HEAT INPUTS, WHICH ARE ARRANGED OVER HEAT EXCHANGERS WITH LIQUID OR VAPOROUS HEAT CARRIER IN ENTRY-NEAR REGION OF TURBINE
DE102010005538 A1 20110728	DE201010005538;	F03D001/06;	SCHAEFFLER TECHNOLOGIES GMBH;	WINDENERGIEANLAGE MIT EINEM ODER MEHREREN ROTORBLÄTTERN
DE102010005684 A1 20110728	DE201010005684;	F03D011/04; F16C035/63;	SCHAEFFLER TECHNOLOGIES GMBH;	COMPONENT, PARTICULARLY BEARING ASSEMBLY, FOR PROTECTING OR PRELOADINGBEARING IN WIND POWER PLANT, HAS SHAFT THAT IS PROVIDED WITH COUPLING GEOMETRY, WHERE RING UNIT IS CONNECTED WITH COUPLING GEOMETRY IN FORM-FIT MANNER
DE102010005685 A1 20110728	DE201010005685;	F03D011/04; F16C035/63;	SCHAEFFLER TECHNOLOGIES GMBH;	BEARING ARRANGEMENT FOR USE IN DRIVE TRAIN OF WIND POWER PLANT, HASRING UNIT ENGAGED INTO RECESS OF SHAFT, WHERE SUPPORTING AREA IN RECESS IS ANGLED AT RADIAL PLANE IN LONGITUDINAL SECTION OF SHAFT AND/OR DESIGNED IN CURVED MANNER



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DE102010005686 A1 20110728	DE201010005686;	F16C035/63; F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	COMPONENT, PARTICULARLY BEARING ASSEMBLY, FOR USE WITH BEARINGPROTECTING FUNCTION FOR POWER GENERATING WIND POWER PLANT, HAS BEARING, SHAFT, WHICH IS MOUNTED OVER BEARING IN PIVOTED MANNER
DE102010005717 A1 20110728	DE201010005717;	F03D009/00; F03B013/14; F03D001/04; F03D011/00;	BUENNAGEL DORIS;	ENERGIEGEWINNUNGSANLAGE
DE102010005991 A1 20110728	DE201010005991;	F03D011/00; F03D011/04;	WOBBEN ALOYS;	WINDENERGIEANLAGE UND WINDENERGIEANLAGEN-TURMSEGMENT
DE102010006236 A1 20110818	DE201010006236;	F03D009/00; F03D001/00;	SMOLKA PETER P;	WIND POWER STATION, HAS MAIN GENERATORS AND SMALLER AUXILIARYGENERATORS WITH PREDOMINANTLY DIFFERENT POWERS, WHERE AUXILIARY GENERATORS PROVIDE STRONG WINDS TO MAIN GENERATOR AND DIAMETER OF ROTOR IS ABOUT SPECIFIC VALUE
DE102010006299 A1 20110721	DE201010006299;	F16D065/18; F03D011/00;	STROMAG WEP GMBH;	HYDRAULISCHE BREMSVORRICHTUNG FÜR EINEN AZIMUTANTRIEB EINERWINDKRAFTANLAGE SOWIE STEUERVORRICHTUNG HIERFÜR
DE102010006336 A1 20110804	DE201010006336;	F03D009/00; F03D001/06; F03D001/00;	BORST PETER;HIRSCH ANDRE;	WIND POWER PLANT HAS OUTER BEARING RING ARRANGED CONCENTRICALLY AROUNDPROPELLER CENTER POINT AND BEARING RING ARRANGED CONCENTRICALLY AROUND PROPELLER CENTER POINT AND MOUNTED ON PROPELLER BLADES
DE102010007136 A1 20110811	DE201010007136;	F03D011/00;	ABB TECHNOLOGY AG;	SCHALTANLAGE, INSBESONDERE SCHALTANLAGE FÜR EINEOFFSHORE-WINDENERGIEANLAGE

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DE102010007214 A1 20110811	DE201010007214;	F03D011/04; F03D011/00;	WEH HERBERT;	WIND-POWER PLANT IS PROVIDED WITH TWIN PROPELLER MOVING IN OPPOSITED DIRECTIONS AND ELECTRIC POWER PRODUCING GENERATOR, WHERE ONE OF ITS COMPONENTS IS DRIVEN BY DRIVING FORCE OF FORMER PROPELLER
DE102010007257 A1 20110811	DE201010007257;	F16C019/22; F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	ROTARY CONNECTION, PARTICULARLY FOR BEARING OF ROTOR BLADE OR MACHINEHOUSE FOR WIND POWER PLANT, HAS INNER RING AND OUTER RING WHICH ARE SUPPORTED IN PIVOTING OR ROTATING MANNER TO EACH OTHER AROUND AXIS OVER MULTIPLE ROLLER BODY ROWS
DE102010007423 A1 20110811	DE201010007423;	F03D009/00; F03D005/00;	ATENA ENGINEERING GMBH;	FLOATING WIND TURBINE IS CONNECTED WITH CONQUEST SURFACE THROUGH CABLE OR HOLDING ARM, AND IS CONNECTED TO GROUND BY PIVOTING ARM, WHERE WIND WHEEL IS CONNECTED AT OUTER ENDS OF WINGS THROUGH TORUS
DE102010008022 A1 20110818	DE201010008022;	E04B007/02; F03D009/00; F03D001/04;	DAMMANN WOLFRAM;	ROOF SYSTEM FOR BUILDINGS, HAS SLANTED ROOF SURFACES WHICH ARE ARRANGED IN HEIGHT OFFSET MANNER TO EACH OTHER AT DIFFERENT INCLINATION ANGLES TO HORIZONTAL PLANE AND WITH THEIR UPWARD OUTGOING ENDS
DE102010008126 A1 20110929	DE201010008126;	F03D003/02; F03D001/02;	MESNER LEO;	WIND-POWER PLANTS FOR GENERATING ELECTRIC CURRENT, IS PROVIDED WITH TWIN ROTOR DEVICES, WHERE ROTOR DRIVE HAS TWO ROTORS ATTACHED WITH EACH OTHER AT TOWER
DE102010008197 A1 20110818	DE201010008197;	F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	LAGERANORDNUNG ZUR LAGERUNG EINES ROTORS EINER WINDKRAFTANLAGE SOWIE VERFAHREN ZUR ÜBERPRÜFUNG DER LAGERANORDNUNG

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DE102010008198 A1 20110818	DE201010008198;	F16H001/28; F16H057/08; F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	LARGE STORAGE FOR PLANETARY GEAR OF WIND TURBINE, HAS OUTER RING, WHERE OUTER RING IS FORMED FOR FIXED RECEIVING IN SUPPORTING STRUCTURE, AND PLANETARY CARRIER IS SUPPORTED RELATIVE TO OUTER RING OVER STORAGE UNIT
DE102010008337 A1 20110818	DE201010008337;	F03D009/00;	LIEDTKE DIETER WALTER;	FLIP-BOOK WIND TURBINE FOR ELECTRIC ENERGY GENERATION, IS PROVIDED WITH ADVERTISEMENT OR INFORMATION, WHERE WIND TURBINE CONSTRUCTION AND LAMELLA OR BLADES ARE PROVIDED WITH PHOTOVOLTAIC-, PAINT-, FOIL- OR SOLAR CELLS
DE102010008379 A1 20110818	DE201010008379;	F03D003/06; F03B017/06; F03D005/02;	SCHMIDT HELMUT;	DEVICE FOR USE IN WIND POWER PLANT FOR CONVERTING KINETIC ENERGY OF FLOWING GASEOUS OR LIQUID MEDIUM INTO KINETIC ROTATION ENERGY, COMPRISES AXIS OF ROTATION, WHICH IS FORMED IN FORM OF INDIVIDUAL OR TWO ROTATING AXES
DE102010008639 A1 20110818	DE201010008639;	F03D011/00;	SPEHR THORSTEN; WAGNER JUERGEN;	MOUNTING CONSTRUCTION FOR TOWER INSTALLATION OF WIND TURBINES, HAS COMPONENT STRUCTURE, ON WHICH VERTICAL LOAD ACTS, WHERE TENSILE FORCES ACTING ON COMPONENT STRUCTURE ARE REMOVED BY BENDABLE TRACTION ELEMENTS
DE102010008732 A1 20110825	DE201010008732;	F16C035/06; F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	BEARING ARRANGEMENT FOR WIND TURBINE, HAS MACHINE HOUSING AND SHAFT FOR COUPLING ROTOR RECEIVING UNIT WITH GENERATOR, WHERE SHAFT IS ARRANGED WITHIN MACHINE HOUSING
DE102010009050 A1 20110825	DE201010009050;	F03D011/00;	EMB SYSTEMS AG;	POSITIONIERVORRICHTUNG FÜR EINE WINDKRAFTANLAGE UND WINDKRAFTANLAGE
DE102010009435 A1 20110825	DE201010009435;	F03D011/00;	WINDNOVATION ENGINEERING SOLUTIONS GMBH;	WIND-POWER PLANT FOR USE AS LEEWARD RUNNER FOR REDUCING TOWER SHADE EFFECT, HAS TOWER, HOUSING AND ROTOR WITH HORIZONTAL ROTOR AXIS AND ROTOR BLADES

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DE102010009466 A1 20110901	DE201010009466;	F03D011/04; B63B035/00; E02D027/52;	ZUEBLIN AG;	VORRICHTUNG ZUM TRANSPORT UND INSTALLIEREN VON EINE FLACHGRÜNDUNGUMFASSENDE ANORDNUNG EINER OFFSHORE-WINDENERGIEANLAGE SOWIE VERFAHREN ZUM TRANSPORT UND ZUR INSTALLATION EINER SOLCHEN ANORDNUNG MIT FLACHGRÜNDUNG
DE102010009647 A1 20110901	DE201010009647;	F03D009/00;	KLOPSCH MATTHIAS;	KOMBINATIONSKRAFTWERK
DE102010009793 A1 20110901	DE201010009793;	F03D003/06; F03D003/04;	KOSCH KATHARINA;	WIND TURBINE HAS DIFFUSER THAT HAS ENTRANCE AREA, EXIT AREA AND ROTORCHAMBER, IN WHICH ROTOR IS ARRANGED WITH ROTOR BLADES
DE102010009812 A1 20110908	DE201010009812;	F03D011/04; F16H001/28;	BOSCH GMBH ROBERT;	WIND POWER PLANT, PARTICULARLY RENEWABLE ENERGY GENERATION PLANT, HASGEAR DRIVE HAVING PLANETARY GEAR STEP, AND HOLLOW WHEEL OF PLANETARY GEAR STEP IS LONGITUDINALLY DIVIDED IN TWO WHEEL SEGMENTS
DE102010009857 A1 20110908	DE201010009857;	F03D011/00; F03D007/00;	BOSCH GMBH ROBERT;	VERFAHREN ZUM ABBREMSEN EINER WINDENERGIEANLAGE UND ABBREMSVORRICHTUNGZUR DURCHFÜHRUNG DES VERFAHRENS
DE102010009863 A1 20110908	DE201010009863;	F03D007/00; F03D011/00;	BOSCH GMBH ROBERT;	EINRICHTUNG UND VERFAHREN ZUR REDUZIERUNG VON LASTEN
DE102010009916 A1 20110908	DE201010009916;	F03D011/04;	REINSBERG DANIEL;	DEVICE FOR SUPPLY AND SERVICE ON TOWERS, PARTICULARLY FOR OFFSHOREWIND TURBINES, HAS CONTAINER, WHICH IS FASTENED TO TOWER IN TEMPORARY MANNER, WHERE CLAMPING UNIT FOR CLASPING AND CLAMPING TOWER SHAFT IS ARRANGED AT BASE FRAME

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DE102010009941 A1 20110908	DE201010009941;	F03D007/00;	SUZLON ENERGY GMBH;	METHOD FOR DETECTION OF DAMAGES OF ROTOR BLADE OF WIND TURBINE IN WINDFARM, INVOLVES TRANSMITTING ERROR SIGNAL IF ACQUIRED NUMBER OF EVENT TIME INTERVALS LIES ABOVE AND BELOW PREDETERMINED THRESHOLD VALUE FOR PRESET ANALYSIS TIME INTERVAL
DE102010010201 A1 20110908	DE201010010201;	F03D011/04; F16H001/28;	BOSCH GMBH ROBERT;	TRANSMISSION FOR USE IN WIND POWER PLANT TO DRIVE GENERATORS TOPRODUCE ELECTRICAL CURRENT, HAS INPUT SHIFTED GEAR COUPLED TO WIND POWER ROTOR AND ARRANGED DOWNSTREAM TO TRANSMISSION-SHIFTED GEAR I.E. PLANETARY GEAR, ATTACHED TO GENERATOR
DE102010010208 A1 20110908	DE201010010208;	F03D009/00; F03D003/02; F03D003/06;	HAUSHALTER GEORG;	WIND POWER MACHINE FOR USE IN WIND POWER PLANT FOR GENERATING WINDENERGY, HAS DEVICE FOR CONVERTING FLOW ENERGY OF WIND INTO USABLE ENERGY, WHERE DEVICE HAS ROTOR, WHERE ROTOR ROTATIONAL AXIS IS ALIGNED PARALLEL TO ROTATIONAL AXIS
DE102010010382 A1 20110908	DE201010010382;	F03D011/00;	HERGENROEDER JOERN;	ROTORBLATTREINIGER
DE102010010639 A1 20110915	DE201010010639;	F03D011/00; F03D011/04; F03D001/06;	SCHAEFFLER TECHNOLOGIES GMBH;	DREHVERBINDUNG EINES ROTORBLATTES MIT DER ROTORNABE EINERWINDKRAFTANLAGE
DE102010010973 A1 20110915	DE201010010973;	E04H012/00; E04H012/12; F03D011/04;	FRIZ MARTIN;	MAST FOR SUPPORTING WIND WHEEL IN WIND POWER PLANT, HAS SET OF MASTSEGMENTS HELD TOGETHER BY INTERMEDIATE CONNECTING PLATES, WHERE EACH OF MAST SEGMENTS ARE DIVIDED INTO CIRCUMFERENTIAL WALL PARTS

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DE102010011024 A1 20110915	DE201010011024;	F03D001/06; F03D011/00;	SIEMENS AG;	ROTOR BLADE FOR OFF-SHORE WIND-POWER PLANT, HAS ENERGY CONVERTERGENERATING ENERGY REQUIRED TO OPERATE WIRELESS SELF-POWERED PROBE, WHERE PROBE AND ENERGY CONVERTER ARE ARRANGED IN OR AT BLADE
DE102010011221 A1 20110915	DE201010011221;	F02C009/00; F03D007/00; G06N003/02; G05B013/04;	SIEMENS AG;	VERFAHREN ZUR RECHNERGESTÜTZTEN STEUERUNG UND/ODER REGELUNG EINESTECHNISCHEN SYSTEMS
DE102010011275 A1 20110915	DE201010011275;	F03D001/06; F03D011/00;	KENERSYS GMBH;	ROTORBLATTENTWÄSSERUNG
DE102010011365 A1 20110915	DE201010011365;	F03D011/00;	DUCHOW ANDRE;HEISNER MARIO;KOCH MARTINA;	WEATHER PROTECTION DEVICE FOR WORKING PLATFORMS AT PROPELLER BLADES OFWIND-POWER PLANTS, COMPRISES BASE ELEMENT AND PARAPET, WHICH IS ARRANGED ON BASE ELEMENT, AND RECEIVING UNIT FOR RECEIVING TWO INFLATABLE ELEMENTS
DE102010011549 A1 20110915	DE201010011549;	F03D007/00;	REPOWER SYSTEMS AG;	WARTUNGSAZIMUTWINKEL
DE102010011692 A1 20110922	DE201010011692;	B29C033/20; B29C070/54; F03D001/06;	HAWART SONDERMASCHB GMBH;	MOLDING TOOL ARRANGEMENT, PARTICULARLY FOR MANUFACTURING OF ROTORBLADES FOR WIND-POWER PLANT, HAS LOCK WITH RESTRAINT-GUIDED LOCKING PIECE WHICH IS COUPLED WITH MOLDED PORTIONS
DE102010011708 A1 20110915	DE201010011708;	F03B015/04; F03D001/06; F03D003/06;	HUTTARY RUDOLF;	STRÖMUNGSMASCHINE MIT PASSIVER LAUFSCHAUFELVERSTELLUNG

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DE102010012408 A1 20110929	DE201010012408;	F03D011/04;	POWERWIND GMBH;	CARRIAGE ASSEMBLY FOR COMPONENT I.E. TRANSFORMER, OF WIND ENERGY PLANT, HAS SUPPORT DEVICE ARRANGED WITH COMPONENT AND MOUNTED AS SEPARATE COMPONENT ON CARRIER DEVICE THAT IS POSITIONED ON BASE PLATE
DE102010013141 A1 20110929	DE201010013141;	F03D009/00; F03D011/04;	GORGAS VOLKER;	COLLECTOR ARRAY FOR USE AS SECONDARY POWER SUPPLY IN SOLAR AND PHOTOVOLTAIC PLANT, HAS FLOW PIPE EXTENDING IN WIND INCIDENT DIRECTION AND ARRANGED BELOW LOWER SIDE OF MODULES, AND CONNECTING PIECES FOR ARRANGING AXIAL-FLOW TURBINE IN PIPE
DE102010013405 A1 20111006	DE201010013405;	F03D001/06; F03D011/00;	WOBEN ALOYS;	ROTORBLATTFORM ZUM HERSTELLEN EINES ROTORBLATTES EINER WINDENERGIEANLAGE
DE102010013429 A1 20110728	DE201010013429;	F03D001/06;	SMOLKA PETER P;	ROTOR BLADE FOR USE IN WIND POWER STATION, HAS FLAP VALVES FOR PASSING WIND AT PARTICULAR PLACES FOR REDUCING FORCES AND FOR POWER LIMITATION, WHERE VALVES ARE PASSIVELY CONTROLLED THROUGH WIND PRESSURE
DE102010013504 A1 20111006	DE201010013504;	F03D005/00; F03D001/02; F03D009/00;	MAXISCH TOBIAS;	WIND TURBINE FOR CONVERTING WIND INTO CURRENT, HAS TRACTION BODY DEFLECTING STROKES OF LIGHTNING, WHERE TURBINE COMPRISES NO RIGID CONNECTION TO FLOOR AND IS OPERATED AT HEIGHTS IN WHICH UNIFORM WIND IS NOT SWIRLED BY OBSTRUCTIONS
DE102010013738 A1 20111006	DE201010013738;	C25B001/02; F03D009/02;	HAYER HELMUT EMMERICH;	ELIMINATING THE FUEL CONSUMPTION OF ENVIRONMENTALLY TOXIC AND HEALTH HAZARD FOSSIL-FUELS SUCH AS PETROLEUM, COMPRISES ECONOMICALLY PRODUCING HYDROGEN FUEL IN LARGE AMOUNTS ON CONVERTED SHIPS SUCH AS FERRIES USING ELECTRIC CURRENT

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DE102010013856 A1 20111006	DE201010013856;	F03D003/06;	FEV MOTORENTECH GMBH;	VERTICAL AXES-WIND TURBINE, HAS MULTIPLE ROTOR BLADES ROTATINGLYARRANGED AROUND VERTICAL AXES, WHERE TRACTION FORCE ACTS ON ROTOR BLADES VIA FASTENING SYSTEM BASED ON ROTATIONAL SPEED OF ROTOR BLADES AROUND VERTICAL AXES
DE102010014127 A1 20111013	DE201010014127;	C25B001/04; F03B013/00; F03D009/00;	HAYER HELMUT EMMERICH;	PRODUCING HYDROGEN ON SPECIAL RIVER BOATS, COMPRISES CIRCULATING THERIVER FLOW TO OPERATE ELECTRIC POWER GENERATORS, AND UTILIZING THE PRODUCED ELECTRIC POWER FOR ELECTROLYSIS OF WATER TO PRODUCE HYDROGEN
DE102010014165 A1 20111013	DE201010014165;	F03D007/00;	REPOWER SYSTEMS AG;	DYNAMISCHE TRÄGHEITSREGELUNG
DE102010014300 A1 20111013	DE201010014300;	F24J002/00; F03D009/00;	WOHLLAIB KARL;	WIND- UND STRAHLUNGSENERGIE-KOLLEKTOR
DE102010014358 A1 20111013	DE201010014358;	F03D007/00;	ENERGIEKONTOR AG;	METHOD FOR INCREASING SERVICE LIFE OF WIND ENERGY PLANT, INVOLVESDETERMINING MEASURE OR COMBINATION OF MEASURES BY COMPARING LOWEST COST OVER NEW SERVICE LIFE WITH COST WITHOUT SERVICE LIFE-EXTENDING MEASURE OVER REMAINING SERVICE LIFE
DE102010014483 A1 20111013	DE201010014483;	F03D009/00;	MESNER LEO;	ELECTRIC CURRENT GENERATING DEVICE FOR USE IN HOUSE, HAS SUCTIONOPENINGS FOR SUCKING AIR E.G. CHIMNEY AIR, AND MULTI-LEAF ROTOR ROTATED BY AIR FLOW FROM OUTLET OPENINGS, WHERE AIR IS DISSIPATED THROUGH OUTLET OPENINGS



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DE102010014604 A1 20111013	DE201010014604;	F03D011/04;	GETRAG GETRIEBE ZAHNRAD;	NACELLE FOR WIND ENERGY PLANT, IS CONNECTED WITH WIND ROTOR, WHOSE ROTOR HUB IS CONNECTED WITH ELECTRICAL GENERATOR UNIT THROUGH GEARBOX, WHERE ROTOR HUB IS RIGIDLY CONNECTED WITH GEARBOX INPUT SHAFT
DE102010014719 A1 20111013	DE201010014719;	F03D007/00;	POPP MATTHIAS;	METHOD FOR DETERMINING DESIGN PARAMETERS OF WIND-POWER PLANT, INVOLVES FORMING MEAN VALUE OVER TIME-STEPS OF TOTAL WIND POWER AND SETTING MEAN VALUE TO POWER RATING OF PLANT FOR PRODUCING BASIC DESIGN WIND SPEED
DE102010014838 A1 20111013	DE201010014838;	B64D041/00; F03D009/00; B64D027/00;	HAYER HELMUT EMMERICH;	METHOD FOR GENERATING ELECTRIC ENERGY ON AIRCRAFTS, INVOLVES INSTALLING AIRCRAFTS AIRFLOW TURBINES OR WIND TURBINES OR PROPELLERS, WHICH ARE ATTACHED BY SCREWING AND BROUGHT INTO ROTATION BY WIND AND ALSO BY AIR FLOW
DE102010014846 A1 20111013	DE201010014846;	F03D009/00; F03B013/00; C25B001/04;	HAYER HELMUT EMMERICH;	PRODUCING AN ELECTRIC ENERGY AND/OR HYDROGEN TRANSPORT-RIVERBOATS, COMPRISES VERTICALLY INSTALLING FLOW ROTATING TURBINES, PADDLE WATER WHEELS AND MILL WATER WHEELS IN THE SIDE OF THE TRANSPORT-RIVER SHIP BY RIVER AND COUNTER FLOWS
DE102010015075 A1 20111020	DE201010015075;	F03D011/00; F03D011/04;	REPOWER SYSTEMS AG;	WINDENERGIEANLAGE MIT MODULAREM TURMSYSTEM
DE102010015392 A1 20111020	DE201010015392;	F03D011/00; F03D001/06;	AERO DYNAMIK CONSULT GMBH;	ROTOR BLADE FOR WIND POWER PLANT, HAS CONNECTION ASSEMBLY FOR CONNECTING BLADE WITH HUB OF PLANT, AND CONNECTING DEVICE INCLUDING TWO LAMELLA DEVICES THAT CONSIST OF LAMELLAS IN ENGAGEMENT WITH EACH OTHER AS COMB FORM IN CONNECTED STATE

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DE102010015412 A1 20111020	DE201010015412;	F03D011/04;	LIEBHERR WERK EHINGEN;	METHOD FOR TRANSPORTING AND MOUNTING WIND-POWER PLANT IN OFFSHOREAREA, INVOLVES MOUNTING COMPLETELY WIND-POWER PLANT AT PROVIDED MOUNTING POSITION AT EMBARK POINT
DE102010015562 A1 20111020	DE201010015562;	H02J015/00; F03D009/00; H02J003/00;	HAYER HELMUT EMMERICH;	POWER GENERATION METHOD USING WIND PROPELLERS/WIND TURBINE FOR HOME,INVOLVES INSTALLING WIND PROPELLERS AND/OR WIND TURBINES THAT CAN BE TURNED ALONG VERTICAL AND HORIZONTAL DIRECTIONS, ON ROOF AND OUTER WALLS OF HOUSE
DE102010015595 A1 20111020	DE201010015595;	F03D007/00;	WOBLEN ALOYS;	METHOD FOR OPERATING WIND ENERGY PLANT FOR USE WITH AERODYNAMIC ROTORWITH ROTOR BLADE FOR USE IN WIND FARM, INVOLVES OPERATING WIND ENERGY PLANT AT OPERATING POINT THAT IS DEPENDENT ON WIND SPEED
DE102010015673 A1 20111027	DE201010015673;	F03D009/00; E04D013/18;	ODENWALD WOLFGANG;	DEVICE FOR UTILIZING WIND ENERGY FOR USE IN POINTED ROOF, COMPRIESSHAFT, WHICH IS HORIZONTALLY ALIGNED, AND NUMBER OF WINGS FOR PROPULSION OF SHAFT BY WIND FORCE
DE102010015761 A1 20111020	DE201010015761;	F03D011/04; E02B017/02; E04H012/10; E02D027/42;	STIFTUNG A WEGENER INST POLAR;	STANDSTRUKTUR
DE102010016105 A1 20110929	DE201010016105;	F03D001/06; F03D011/00;	MOOG UNNA GMBH;	NOTBETRIEBSFÄHIGE PITCHANTRIEBSVORRICHTUNG FÜR EINE WIND- ODERWASSERKRAFTANLAGE
DE102010016292 A1 20111006	DE201010016292;	F03D007/00; F03D011/00;	SSB WIND SYSTEMS GMBH & CO KG;	KONTROLLEINRICHTUNG FÜR EINE WINDKRAFTANLAGE

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DE102010016840 A1 20111110	DE201010016840;	F03D011/04;	EICKHOFF ANTRIEBSTECHNIK GMBH;	ASSEMBLY DEVICE FOR WIND POWER PLANT, HAS SECTION UNIT COUPLED WITH LINEAR GUIDE, WHERE SECTION UNIT IS COMPOSED OF SET OF INDIVIDUAL SECTIONS, WHERE ONE INDIVIDUAL SECTION IS GUIDED ALONG LINEAR GUIDE RELATIVE TO ANOTHER INDIVIDUAL SECTION
DE102010017062 A1 20111124	DE201010017062;	F03D011/00; F03D001/06;	THYSSENKRUPP STEEL EUROPE AG;	ROTORBLATT EINER WINDKRAFTANLAGE
DE102010017096 A1 20111201	DE201010017096;	F03D003/06;	NAVIDI KIOUMARS;	VORRICHTUNG ZUR ELEKTRISCHEN ENERGIEGEWINNUNG MITTELS WIND- UND/ODERWASSERKRAFT
DE102010017391 A1 20111222	DE201010017391;	F03D011/04; F03D003/06;	ZELL INGO;	WIND-POWER PLANT, HAS SUPPORT ARRANGEMENT SURROUNDINGLY RUNNING AROUNDROTATIONAL AXIS, LIMITING TILTING OF ROTOR, AND SUPPORTING ROTOR AT SUPPORT RADIUS, WHICH IS LARGER RELATIVE TO RADIUS OF ROTOR BEARING
DE102010018141 A1 20111027	DE201010018141;	F16C019/38; F03D011/04;	SCHAEFFLER TECHNOLOGIES GMBH;	MULTI-ROWED ROLLING BEARING I.E. ROTOR BEARING, FOR WIND-POWER PLANT,HAS ATTACHING UNIT ARRANGED FOR TRANSFERRING RADIAL FORCES BETWEEN SINGLE RINGS IN AND/OR AT THROUGH HOLES, WHERE THROUGH HOLES ARE ALIGNED TO EACH OTHER
DE102010018623 A1 20111103	DE201010018623;	F03D011/04; F03D009/00; F03D001/02;	PAULS WALTER;	THREE DIMENSIONAL WIND POWER ENGINE COMPRISES MECHANICAL ARRANGEMENTAT PROPELLER SURFACE, WHERE MOVING AIR PARTICLES ARE COLLECTED FROM PROPELLER SURFACES IN HOUSING

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DE102010018861 A1 20111103	DE201010018861;	F03D007/00; G09B025/02;	UMWELTTECHNIKBUERO FRICKE SCHRAN GBR VERTRETUNGSBERECHTIGT ERGESELLSCHAFTER ECKHARD SCHRAN;	TRAINING AND SERVICE DEVICE FOR EXPERIMENTING OPERATION OF SMALL ENERGY PLANT, HAS INTERNAL SERVER TRANSMITTING DATA REGARDING OPERATING MODE OF POWER GENERATING UNIT TO EXTERNAL DATA PROCESSING UNIT THROUGH COMMUNICATION NETWORK
DE102010019444 A1 20111110	DE201010019444;	F03D001/06; F03D011/00;	BOSCH GMBH ROBERT;	ROTORBLATTVERSTELLEINRICHTUNG
DE102010019535 A1 20111110	DE201010019535;	F03D007/02; F16C017/10; F03D011/00; F16C032/06;	SIEMENS AG;	VERFAHREN UND ANORDNUNG ZUR DRUCKREGELUNG IN EINEM GLEITLAGER EINES WINDKRAFT-GENERATORS
DE102010019581 A1 20111110	DE201010019581;	F03D009/00; F03D005/00;	MEISS THORSTEN;	METHOD FOR EXTRACTING ENERGY FROM WIND POWER BY AIRCRAFT, INVOLVES REQUIRING NO POSITIVE CONNECTION TO GROUND, WHERE NECESSARY COUNTER FORCE IS GENERATED BY VARIABLE MOVEMENT OF MASS IN INERTIAL SYSTEM
DE102010019732 A1 20110714	TW20090142228;	G01M007/02; H02P009/02; F03D011/00;	IND TECH RES INST;	EINRICHTUNG UND VERFAHREN ZUR TORSIONSRESONANZFREQUENZMESSUNG
DE102010019769 A1 20111110	DE201010019769;	F03D001/06; F03B013/24; F03B013/10; F03B003/14;	SCHOTTEL GMBH;	VERSTELLEINRICHTUNG FÜR EINE TURBINE
DE102010020003 A1 20111110	DE201010020003;	F03D009/00; F03D005/04;	STOYANOFF ASSEN;	AERODYNAMIC-MECHANICAL WIND FORCE TURBO ROTOR FOR DRIVING INDUCTIVE ELECTROGENERATORS TO DRIVE ELECTROMOTORS FOR DRIVING WHEEL AXLES OF AUTOMOBILE, HAS RIGHT CHANNEL STRAND WHOSE COMPRESSED AIR COOLS EXHAUST GAS BY LOW PRESSURE PUMP EFFECT

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DE102010020355 A1 20111117	DE201010020355;	F03D011/04; F03D011/00;	NORDEX ENERGY GMBH;	DEVICE FOR LOCKING DRIVE TRAIN OF WIND POWER PLANT, HAS LOCKING BOLT ENGAGED IN LOCKING OPENING, AND MOUNTING ELEMENT PROVIDED IN CURVED SLOT AND FIXING POSITION OF LOCKING UNIT IN CURVED SLOT IN STEPLESS MANNER
DE102010020380 A1 20111117	DE201010020380;	F03D001/04; F03D001/02;	BECKER KLAUS;KLATT WERNER;	WIND TURBINE FOR GENERATING ELECTRICAL ENERGY IN PIPE, HAS TWO ROTORSTHAT ARE DRIVEN BY WIND, WHERE ROTORS ARE ARRANGED IN MIRROR IMAGE MANNER AND ARE ROTATED OPPOSITE TO EACH OTHER
DE102010020443 A1 20111117	DE201010020443;	E04H012/34; F03D011/04; E04H012/04; E04H012/02;	TIMBER TOWER GMBH;	TURM FÜR EINE WINDKRAFTANLAGE UND VERFAHREN ZUM ERRICHTEN EINES TURMESFÜR EINE WINDKRAFTANLAGE
DE102010020802 A1 20111124	DE201010020802;	F03D009/00;	ANDRAE JUERGEN;	THERMO-ELECTRIC ENERGY CONVERSION METHOD FOR COOLING OR INSULATION OFBUILDINGS, INVOLVES FORMING HEAT-CONDUCTING FRONT WALLS, SUCH AS ROOF OR EXTERIOR WALLS OF BUILDINGS, WHERE AIR IN CHANNELS IS HEATED BY ABSORBED ENERGY
DE102010022746 A1 20111208	DE201010022746;	F24J002/04; H02N006/00; F03D007/00; H02J003/38;	BOSCH GMBH ROBERT;	VERFAHREN ZUM BETRIEB EINER STROMERZEUGUNGSANLAGE
DE102010023053 A1 20111208	DE201010023053;	F03D001/06; F03D007/02;	BOSCH GMBH ROBERT;	SYSTEM UND VERFAHREN ZUR VERÄNDERUNG DER WINKELSTELLUNG VONROTORBLÄTTERN EINER WINDENERGIEANLAGE
DE102010023263 A1 20111215	DE201010023263;	E04H012/08; E04H012/22; F03D011/04;	REPOWER SYSTEMS AG;	TOWER FOR WIND ENERGY PLANT, HAS TOWER WALL CARRIED OUT ON MULTIPLESTEEL ROD SEGMENTS, WHERE LOWER STEEL TUBE SEGMENT IS FORMED AS ADAPTOR PIECE TO FOUNDATION IN INSTALLATION POSITION

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DE102010023597 A1 20111208	DE201010023597;	F03D009/00; F03D005/02;	FOCKE CHRISTIAN;	WIND POWER PLANT FOR PRODUCING ELECTRICAL POWER, HAS CONTINUOUS CABLEHELD IN REGION BEFORE OR AFTER CIRCULATION ROLLERS BY SUPPLY DEVICE IN DESIRED HEIGHT AND SIDE SPACING, WHERE ENERGY PRODUCED BY PLANT IS TAPPED TO ONE OF ROLLERS
DE102010023887 A1 20111215	DE201010023887;	F03D007/02; F03D007/00;	BOSCH GMBH ROBERT;	VERFAHREN UND VORRICHTUNG ZUR VERHINDERUNG EINER QUERSCHWINGUNG EINERWINDENERGIEANLAGE
DE102010024002 A1 20111215	DE201010024002;	F16D065/92; F03D011/00;	STROMAG WEP GMBH;	SCHEIBENBREMSE UND VERFAHREN ZUM AUSTAUSCHEN EINES REIBBELAGTRÄGERS
DE102010024024 A1 20111222	DE201010024024;	F03D011/04; F03D011/00;	OTTE ERHARD;	DEVICE FOR REDUCING LIKELIHOOD OF LARGE OR CATASTROPHIC LOSSES ARISINGBY SHIP COLLISION WITH OFFSHORE WIND TURBINES, COMPRISES BUOY-LIKE HOLLOW BODY, WHICH IS GUIDED VERTICALLY BY TELESCOPIC GUIDE SWIVELING IN ALL HORIZONTAL DIRECTIONS
DE102010024153 A1 20111222	DE201010024153;	F03D011/00; F03D009/02; F03D003/02; F03D011/04;	FARMONT TECHNIK;	WIND ENERGY PLANT HAS MULTIPLE WIND ROTORS PIVOTED AROUND VERTICALAXIS, WHERE FASTENER HAS CENTRAL MAST AND HEAD-SIDED CARRIER ARM STRUCTURE ARRANGED AT MAST
DE102010024170 A1 20111222	DE201010024170;	F03D003/06;	HASHOLZNER RUDOLF;	WIND POWER PLANT FOR PRODUCING CURRENT TO DRIVE E.G. SMALL POWERPLANT, HAS ADJUSTMENT DEVICE CHANGING POSITIONS OF ROTATIONAL AXES ALONG AXIAL DIRECTION SUCH THAT ANGULAR APERTURES OF ROTOR BLADE PAIRS ARE VARIABLY ADJUSTABLE

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DE102010024223 A1 20111222	DE201010024223;	F03D003/00; F03B003/00;	NEUMANN RICHARD;	VORTEX OR TORNADO TURBINE FOR CONVERTING ENERGY OF WATER OR AIR INTO MECHANICAL ENERGY TO PRODUCE ELECTRICITY, HAS GUIDE VANES ATTACHED VERTICAL TO ROTATIONAL AXIS OR BENT AT FUNNEL, WHERE TURBINE IS CONE-SHAPED OR HYPERBOLIC FUNNEL-SHAPED
DE102010024237 B3 20111208	DE201010024237;	F03D011/00;	SIEMENS AG;	EMERGENCY POWER SUPPLY DEVICE FOR MOVING ROTOR BLADES OF WIND-POWERPLANT, HAS ACCUMULATOR DIRECTLY COUPLED TO INTERMEDIATE DRIVE CIRCUIT, AND CONVERTER FORMED AS UPWARD-/DOWN-CONVERTER AND CONTROLLED BY MICROCONTROLLER
DE102010024251 A1 20111222	DE201010024251;	F03D007/02;	BOSCH GMBH ROBERT;	VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG EINES SCHÄTZWERTS FÜR ZUMINDEST EINE MESSGRÖSSE EINER WINDKRAFTANLAGE
DE102010024532 A1 20111222	DE201010024532;	F03D011/00; F03D007/00;	WINDCOMP GMBH;	MESSVERFAHREN ZUR KONTROLLE UND/ODER OPTIMIERUNG VON WINDENERGIEANLAGEN MIT EINEM BERÜHRUNGSLOSEN ABSTANDSMESSSYSTEM
DE102010024566 A1 20111215	DE201010023279; DE201010024566;	G01R031/00; F03D011/00; G01R031/0327 ; F03D007/00;	REPOWER SYSTEMS AG;	WINDENERGIEANLAGE UND VERFAHREN ZUM PRÜFEN EINES DREHZAHRELAIS EINER WINDENERGIEANLAGE
DE102010024579 A1 20111222	DE201010024579;	F03D001/02;	FISCHER ERNST; FISCHER ILSE;	WIND-POWER PLANT FOR GENERATING ELECTRICITY, HAS TWO ROTORS FOR ELECTRICAL GENERATOR, WHICH IS PROVIDED WITH HUBS AND ROTOR BLADES RADIALLY PROVIDED TO HUB
DE102010024621 A1 20110908	DE201010010683; DE201010024621;	F03B003/00; F01D015/00; F03D003/04; F03D001/04;	BERNSAU GEBHARD;	ENERGIEWANDLER

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DE102010025057 A1 20111229	DE201010025057;	F03B013/24; F03D001/04; F03B013/14;	POPESCU JOHANN EMANUEL;	HYDRAULIC INSTALLATION I.E. STEEL STRUCTURE, FOR GENERATING ELECTRIC CURRENT, HAS CHAMBERS IN WHICH UPWARD MOTION OF WATER VOLUME PART TAKES PLACE, AND TURBINES GENERATING CURRENT AND MOUNTED ON RAFTS MOVED IN UP AND DOWN MANNER
DE102010025546 A1 20111229	DE201010025546;	F03D011/00;	SUZLON ENERGY GMBH;	MASCHINENHAUSVERKLEIDUNG
DE102010028038 A1 20111027	DE201010028038;	E02D027/42; F03D011/04; E04H012/22;	WOBBEN ALOYS;	WINDENERGIEANLAGEN-FUNDAMENT UND WINDENERGIEANLAGE
DE102010028195 A1 20111027	DE201010028195;	C10M171/02; C08F220/12; F03D011/04; C10M107/02; C10M107/28;	EVONIK ROHMAX ADDITIVES GMBH;	SCHMIERMITTEL FÜR GETRIEBE
DE102010028490 A1 20111103	DE201010028490;	B64C003/44; F03D001/06;	LEICHTBAU ZENTRUM SACHSEN GMBH;	WING FOR USE IN E.G. AIRCRAFT, HAS TWO SIDES WITH REAR EDGES FORMED OF RESILIENTLY DEFORMABLE OUTER SKIN, WHERE SIDES ARE MOVED TO EACH OTHER IN AREAS, AND CURVATURE OF WING IS CHANGED BY SHIFTING AREAS OF REAR EDGE OF SIDES
DE102010029695 A1 20111208	DE201010029695;	F03D009/00; F03D003/04;	VTV VERFAHRENSTECHNIK VERWALTUNG GMBH;	WIND POWER PLANT I.E. TORNADO TOWER TYPE WIND POWER PLANT, FOR CONVERTING MECHANICAL WIND INTO ELECTRICAL POWER, HAS SUCTION SCREEN EXTENDING WINDWARD AT DISTANCE TO TOWER REGION AND ARRANGED TRANSVERSE TO WIND DIRECTION
DE102010030472 A1 20111229	DE201010030472;	F03D011/00;	REPOWER SYSTEMS AG;	ROTORBLATTENTEISUNG



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DE102010039316 A1 20110908	DE201010010511; DE201010039316;	E04H012/08; F03D011/04; E04H012/22; E02D027/42;	SUZLON ENERGY GMBH;	TURM FÜR EINE WINDTURBINE
DE102010039796 A1 20111215	DE201010030047; DE201010039796;	F03D011/04; E04H012/02; E04H012/16;	BOEGL MAX BAUUNTERNEHMUNG GMBH;	TURM MIT EINEM ADAPTERSTÜCK SOWIE VERFAHREN ZUR HERSTELLUNG EINESTURMS MIT EINEM ADAPTERSTÜCK
DE102010043946 A1 20110707	DE200910052809; DE200910053757; DE201010043946;	F03D009/00; F03D011/00; F03D011/04;	INTELLECTUAL PROPERTY SUZLON ENERGY GMBH;	ANTRIEBSEINHEIT FÜR WINDTURBINE
DE102010044266 A1 20111006	DE201010013464; DE201010044266;	F03D011/04;	PILZ HOLGER;STREICHER HANSJOERG;	WIND POWER PLANT COMPRISES ELECTRICAL GENERATOR FOR PRODUCING ELECTRICCURRENT BY WIND DRIVEN PROPELLER, WHERE ELECTRICAL GENERATOR IS DRIVE-CONNECTED WITH TRANSMISSION GEAR
DE102010048008 A1 20111222	DE201010023898; DE201010048008;	F03D011/00; F03D007/00;	BOSCH GMBH ROBERT;	ZUSTANDSÜBERWACHUNGSVERFAHREN UND -SYSTEM FÜR WINDENERGIEANLAGEN
DE102010048400 A1 20110915	DE201010011403; DE201010024977; DE201010034756; DE201010035148; DE201010048400;	F03D011/04; F03D007/00;	ZELL HORST;	VERFAHREN ZUR ÜBERPRÜFUNG DES BAULICHEN ZUSTANDS VON WINDKRAFTANLAGEN
DE102011010771 A1 20110811	DE201010007360; DE201110010771;	F03D011/00; F03D011/04;	BOSCH GMBH ROBERT;	ÖLSTANDÜBERWACHUNGSEINRICHTUNG EINES GETRIEBES INSBESONDERE EINERWINDKRAFTANLAGE
DE102011011526 A1 20110825	DE201020002716U ;DE201110011526;	F03D011/00; F03D011/04; F16G011/00;	GORACON SYSTEMTECHNIK GMBH;	SEILHALTER
DE102011050760 A1 20111208	US20100796003;	F03D001/06;	GEN ELECTRIC;	HINTERKANTENVERBINDUNGSKAPPE FÜR ROTORBLÄTTER EINER WINDKRAFTANLAGE

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DE102011051416 A1 20111229	US20100826331;	F03D007/02;	GEN ELECTRIC;	WINDKRAFTANLAGE UND VERFAHREN ZUM BETRIEB EINER WINDKRAFTANLAGE
DE102011076940 A1 20111208	DE201010022581; DE201110076940;	F03D011/04; F03D011/00;	SUZLON ENERGY GMBH;	TURM FÜR EINE WINDTURBINE
DE102011105412 A1 20111222	DE201010030368; DE201110105412;	F03D011/04;	SKYWIND GMBH;	COUPLING DEVICE FOR CHANGING ORIENTATION OF ROTOR SHAFT OF ROTOR OF TURBINE OF WIND TURBINE PLANT, HAS ELASTIC ELEMENT WITH SPRING AND/OR DAMPING CHARACTERISTICS, WHERE DEVICE SUPPORTS TURBINE OPPOSITE TO CARRIER AND SUPPORT DEVICE
DE102011106043 A1 20111229	DE201010026242; DE201110106043;	F03D011/04;	THEY JAN;	TRANSPORTVERFAHREN FÜR WINDENERGIEANLAGEN AUF SEE
DE10262200 B4 20110714	DE20021062200;	C08J005/24; F03D011/00; C09D175/04;	MANKIEWICZ GEBR & CO;	TWO-COMPONENT COMPOSITION FOR PREPARATION OF POLYURETHANE GELCOATS CONTAINING A LOW AND HIGH MOLECULAR POLYOL COMPONENTS USEFUL FOR LENGTHENING THE LAMINATION TIME IN USING POLYURETHANE GELCOATS FOR COATING EPOXY LAMINATES
DE112009002103 A5 20110721	DE200810041902; WO2009EP61441;	F03B013/10; F03D009/00;	ALTHAUS WOLFGANG;	STRÖMUNGSKRAFTWERK
DE112009002408 A5 20110707	DE200820010396U ;WO2009DE01079;	F03B017/06;	KRAUS GUNTER;	STROMUNGSENERGIEANLAGE, INSBESONDERE WINDKRAFTANLAGE
DE202009018444 U U1 20110929	DE200920018444U ;	F03D007/02;	2 B ENERGY B V;	WINDKRAFTANLAGE

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DE202010002377 U U1 20110809	DE201020002377U ;	F03D011/00; F03D009/00;	KORRMANN VOLKER;	MULTI KOMBINATIONSKRAFTWERKE IM SCHWERLAST- GLEITSCHILDBAU
DE202010003654 U U1 20110725	DE201020003654U ;	F03D009/00; F03D011/04;	HESTERMANN CHRISTIAN;	OFFSHORE-WINDKRAFT-FLOSS
DE202010004045 U U1 20110812	DE201020004045U ;	F03D007/02; F03D001/06;	REPOWER SYSTEMS AG;	WINDKRAFTANLAGE
DE202010005965 U U1 20110829	DE201020005965U ;	F03D011/04; E02D027/42; E04H012/22;	ROSEN SWISS AG;	HÜLSE, FUNDAMENT UND WINDKRAFTANLAGE
DE202010006018 U U1 20110825	DE201020006018U ;	F03D009/00;	KORRMANN VOLKER;	WÜSTENKRAFTWERK
DE202010006762 U U1 20110907	DE201020006762U ;	F03D009/02; F03D009/00;	STUTHE MANFRED;	MINI-WINDKRAFTMODUL IN KOMPAKTBAUWEISE
DE202010007010 U U1 20110926	DE201020007010U ;	F21S008/08; F21S009/04; F21V023/00; F03D009/00; F21S009/03;	F E E EUROP LTD;	STRASSENLATERNE
DE202010009987 U U1 20111026	DE201020009987U ;	F01D005/14; F03D003/06; F03D003/04; F03D009/00;	STEEL DENNIS PATRICK;	TURBINE III
DE202010011397 U U1 20111114	DE201020011397U ;	F03D011/04; F03D011/00;	WOBBEN ALOYS;	WINDENERGIEANLAGEN-ARBEITSBÜHNE, UND WINDENERGIEANLAGE

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DE202010012237 U U1 20111208	DE201020012237U ;	B66C013/06; F03D011/04;	LIEBHERR WERK EHINGEN;	KRAN
DE202010012361 U U1 20111213	DE201020012361U ;	F03D001/06;	WES ENERGY GMBH;	ROTOR FÜR EINE WINDENERGIEANLAGE UND WINDENERGIEANLAGE
DE202010012635 U U1 20111223	DE201020012635U ;	F03D011/00; F03D011/04;	NORDEX ENERGY GMBH;	WINDENERGIEANLAGE MIT VERSENKBAREM WETTERMAST
DE202010017330 U U1 20111027	DE201020017330U ;	F03D011/00;	STROMAG WEP GMBH;	SCHEIBENBREMSE FÜR EINEN AZIMUTANTRIEB EINER WINDKRAFTANLAGE
DE202010017427 U U1 20111222	DE200910034114; DE201020000868U ;DE201020017427 U;	F03D011/04;	WADER WITTIS GMBH;	BEFESTIGUNGSSYSTEM FÜR DIE MONTAGE VON WINDKRAFTANLAGEN
DE202011000831 U U1 20110805	DE201120000831U ;DE201120003376 U;	F03D011/00; F03D011/04;	LLOYD DYNAMOWERKE GMBH & CO KG;	WINDENERGIEANLAGE MIT EINEM TRIEBWERKSTRÄGER
DE202011004747 U U1 20110907	DE201120004747U ;	F03D003/06; F03D009/00;	NEHER JUERGEN;	LAMELLEN-WINDRAD
DE202011005032 U U1 20111228	DE201020012444U ;DE201120005032 U;	F03D001/00; F03D011/00;	WES ENERGY GMBH;	GONDEL FÜR EINEN ALS LEELÄUFER AUSGEBILDETEN ROTOR EINER ENERGIEANLAGE
DE202011005222 U U1 20110720	DE201120005222U ;	F03D001/00;	KORASTOSCHEVSKI ALEXANDER;ROSENFELD SEMJON;SOBOL EMMANUIL;STEINBERGS ALEKSANDERS;	WINDKRAFTANLAGE

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DE202011005240 U U1 20110830	DE201120005240U ;	F03D011/04;	SCHEDL KONRAD;	GEBRAUCHSMUSTER FÜR EINE SCHWIMMENDE WINDPARKEINHEIT HINSICHTLICH INNOVATIVER VERANKERUNG MIT STROMABFÜHRUNG, IM WASSER SCHWEBENDEM FUNDAMENT UND NEUARTIGEN MASTENSYSTEMS MIT MITTIG EINGESETZTER GONDEL/ROTOR SAMT STROMERZEUGUNGSSYSTEM
DE202011005372 U U1 20110802	DE201120005372U ;	F03D009/00;	VOGEL WERNER;	WINDKRAFTANLAGE
DE202011050547 U U1 20111102	DE201120050547U ;	F03D011/00;	ENERTRAG SYSTEMTECHNIK GMBH;	ANORDNUNG ZUR HINDERNISBEFEUERUNG EINER WINDENERGIEANLAGE UND WINDENERGIEANLAGE
DE202011050720 U U1 20110926	DE201120050720U ;	F03D003/04;	DKON SYSTEME GMBH;	WINDKRAFTANLAGE
DE202011051341 U U1 20111020	DE201120051341U ;	F03D001/06;	REPOWER SYSTEMS SE;	STEGFORMATION IM ROTORBLATTTIP
DE202011100173 U U1 20110802	DE201120100173U ;	F03D011/00;	POWERWIND GMBH;	LÜFTUNGSSYSTEM EINER WINDENERGIEANLAGE
DE202011100226 U U1 20111109	DE201120100226U ;	F03D011/04;	SCHLOO RUEDIGER;	HALTERUNG FÜR KLEINWINDANLAGEN
DE202011100388 U U1 20111219	DE201020012337U ; DE201120100388 U;	F03D011/04;	LOH KG HAILO WERK;	ROTORBLATT-BEFAHRANLAGE
DE202011100897 U U1 20111014	DE201120100897U ;	F03D001/06;	WINDNOVATION ENGINEERING SOLUTIONS GMBH;	BEFESTIGUNG VON ROTORBLÄTTERN AUF DER NABE VON WINDENERGIEANLAGEN

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DE202011101016 U U1 20110912	DE201120101016U ;	F03D003/06; F03D005/02;	LOEWE HORST;	WINDKRAFTANLAGEN-FLÜGELPROFILVERSTELLUNG.
DE202011101634 U U1 20110714	DE201120101634U ;	F03D001/06;	EUROS ENTWICKLUNGSGESELLSCH AFT FUER WINDKRAFTANLAGEN MBH;	ROTORBLATTVERBINDUNG
DE202011101729 U U1 20111005	DE201010054365; DE201110010176; DE201120101729U ;	F03D003/04; F03D009/00; F03D003/02;	STEEL DENNIS PATRICK;	TURBINENSYSTEM FÜR WIND- UND WASSERKRAFT III
DE202011102602 U U1 20111026	DE201120102602U ;	F03D011/04; F16C017/04;	TEMBRA GMBH & CO KG;	SEGMENTIERTES AZIMUTGLEITLAGER
DE202011102675 U U1 20111201	DE201120102675U ;	F03D003/04; F03D003/06; F03D001/04; F03D001/06;	LUTZENBERGER HELMUT;	WINDRAD MIT HYBRID, TANDEM, DÜSEN- FORMANTRIEBE, WINDLEITER ALSBLATTVERSTÄRKER, SOWIE DIVERSE KOMBINIERTE WIND-AUSRICHTUNGEN, UNTERSCHIEDLICHEN FORMGEBUNGEN, NACHLAUFDRAH VERRINGERND, WEITERVERWENDUNG ZUR WOHNGEbiet-NORM
DE202011102819 U U1 20111201	DE201120102819U ;	F03D003/04;	LUTZENBERGER HELMUT;	WINDRAD, VERTIKAL-ROTOR MIT BLATTWÖLBUNG GESPALTEN, AUSTRITTDÜSENFORMIG, BLATTVERBINDUNG NACHWIRKEND, SCHALEN-KOPF- FORM FÜR RÜCK-NACHLAUF-DRAH, LANGSAM ODER SCHNELL-LÄUFER
DE202011102987 U U1 20110811	DE201120102987U ;	F03D005/02; F03D003/02;	KRAUSE DETLEF;	WINDKRAFT KOMPAKTANLAGE MIT VERTIKALACHSEN- ODERHORIZONTALACHSEN-ROTOREN
DE202011103433 U U1 20110822	DE201120103433U ;	F03D009/00; F03D001/02;	EBERLE MARC;	WINDKRAFTANLAGE

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DE202011103714 U U1 20111205	DE201120103714U ;	F03D003/02;	BOTTIN REINHOLD ROLF;	MEHREBENENWINDKRAFTANLAGE
DE202011104208 U U1 20111109	DE201120104208U ;	F03D009/00;	LAUNHARDT TOMMY;	SEGÜ - SYSTEM ZUR ENERGIEGEWINNUNG, ÜBERTRAGUNG
DE202011104566 U U1 20111223	DE201120104566U ;	F03D003/04; F03D009/00;	ETEZADZADEH JASMIN JEANNEMARIE;	GESPALTENER SCHORNSTEIN
DE202011104589 U U1 20111116	DE201120104589U ;	F03D011/00; G01R031/00; H02P009/02;	AUMOSOFT GMBH;	VORRICHTUNG ZUR TESTUNG EINES DOPPELTGESPEISTENASYNCHRONGENERATORS FÜR WINDENERGIEANLAGEN
DE202011104782 U U1 20111205	KZ20100001080;	F03D003/04; F03D003/06;	KUSAINOV ARDAK KADYLBKOVICH;	WINDTURBINE (VARIANTEN)
DE202011104903 U U1 20111122	DE201120104903U ;	F03D001/02;	NOBILTA TWM GBR VERTRETUNGSBERECHTIGT ER GESELLSCHAFTER HERR PETERLAUSTER;	SCHLEPPROTOR FÜR WINDKRAFTANLAGE
DE202011105140 U U1 20111122	DE201120105140U ;	F03D009/00; F03D003/04; F03D011/04; F03D001/04;	WUENSTEL FRANZ;	WINDTURBINE
DE202011105379 U U1 20111130	DE201120105379U ;	F03D009/02;	EBERLE MARC;	WINDKRAFTANLAGE MIT SCHWUNGRAD
DE202011105431 U U1 20111214	DE201120105431U ;	F03D009/00; F03D005/04; F03D003/04;	REPPLINGER EDGAR;	FAHRTWINDGENERATOR

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DE202011105582 U U1 20111212	DE201120105582U ;	F03D003/00; F03D009/00;	REPPLINGER EDGAR;	HAUSWINDKRAFTANLAGE
DE202011105711 U U1 20111104	DE201120105711U ;	F03D001/06;	IMO HOLDING GMBH;	KLEINWINDENERGIEANLAGE UND VORRICHTUNG ZUM AKTIVEN VERSTELLEN EINESBLATTES EINER (KLEIN)WINDENERGIEANLAGE
DE202011106529 U U1 20111208	DE201120106529U ;	F03D009/00;	MENSCHIK THOMAS;	WINDKRAFTANLAGE
DK1607623T T3 20110718	DE200410028917;	F03D011/00; F03D001/06;	NORDEX ENERGY GMBH;	ROTORBLAD TIL ET VINDKRAFTANLÆG
DK1616094T T3 20110829	WO2003EP03813;	F03D001/00; F03D001/06;	GEN ELECTRIC;	FORSTÄRKET NAV TIL ROTOREN AF EN VINDENERGITURBINE
DK1733143T T3 20110912	DE200410013624; WO2005EP02712;	F03D007/02; F03D001/00;	S B PATENT HOLDINGS APS;	AUTOMATISK BREMSNING AF EN VINDTURBINE
DK1794451T T3 20110711	DE200410045415; WO2005EP54177;	F03D011/00; F03D001/06;	WOBEN ALOYS;	INDRETNING TIL AFMÆRKNING AF ET VINDENERGIANLÆG
DK1896723T T3 20110815	CZ20050000399;W O2006CZ00021;	F03D003/06;	TAUS JAN;	VINDTURBINE OMFATTENDE EN VERTIKAL ROTATIONSÅKSE
DK1959548T T3 20111114	US20070675110;	F03D009/00; H02K055/02;	GEN ELECTRIC;	FREMGANGSMÅDE OG INDRETNING TIL EN SUPERLEDENDE GENERATOR, DER DRIVESAF EN VINDTURBINE
DK2000667T T3 20111010	EP20070010987;	F03D007/02;	SIEMENS AG;	FREMGANGSMÅDE OG INDRETNING TIL AT STYRE BELASTNINGSREDUKTIONEN FOR ENVINDTURBINEROTOR
DK201000144U U3 20111125	DK20100000144U;	F03D005/02;	NORMANN PEDERSEN CHRISTIAN;	VINDMÖLLE VINDKRAFT VANDKRAFT WIND TURBINE WATER TURBINE SAIL AIRFOIL
DK201000176 A 20110909	DK20100000176;	F03B003/12; F03D005/00;	JUUL NEIS BENNY;	TURBINE FOR VIND-, VAND- ELLER BÖLGEKRAFT HAR SKRÅTSTILLET ÅKSE OGKANTEDE ROTORBLADE



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DK201070226 A 20111201	DK20100070226;	F03D001/00; B66C023/70; B66C023/64;	SUBCPARTNER HOLDING APS;	FLEKSIBEL LEDDELT KRANARM
DK201070273 A 20111219	DK20100070273;	F03D007/04;	VESTAS WIND SYS AS;	CONTROL METHOD FOR A WIND TURBINE
DK201070304 A 20110701	DK20100070304;	F03D007/02;	VESTAS WIND SYS AS;	A PITCH SYSTEM
DK201070305 A 20110701	DK20100070305;	F03D007/02;	VESTAS WIND SYS AS;	A PITCH SYSTEM
DK201070309 A 20110701	DK20100070309;	F03D011/04; F03D001/00;	VESTAS WIND SYS AS;	A WIND TURBINE
DK201070437 A 20110816	DK20100070437;	F03D001/06; F03D007/02;	ENVISION ENERGY DENMARK APS;	METHOD FOR CONTROLLING A WIND AT HIGH WIND SPEEDS
DK201100008 A 20111216	DK20110000008;	B66C001/12; B66C023/18; F03D001/00;	VESTAS WIND SYS AS;	HANDLING OF A WIND TURBINE BLADE AT A WIND TURBINE
DK201100109U U3 20111111	DK20100070331;D K20110000109U;	F03D001/06;	ENVISION ENERGY DENMARK APS;	PROFILERET NAV-FORLÄNGER
DK201170027 A 20111215	DK20110070027;	F03D001/06;	VESTAS WIND SYS AS;	A WIND TURBINE BLADE AND A METHOD OF ASSEMBLING A WIND TURBINE BLADE
DK201170055 A 20111219	DK20110070055;	F03D001/06;	VESTAS WIND SYS AS;	A WIND TURBINE BLADE

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DK201170300 A 20111218	US20100817586;	F03D003/06;	GEN ELECTRIC;	WIND TURBINE BLADE ATTACHMENT CONFIGURATION WITH FLATTENED BOLTS
DK2153059T T3 20110718	WO2007EP54223; WO2008EP55366;	F03D001/06; F03D007/02;	VESTAS WIND SYS AS;	EN VINDMÖLLEVINDE
DK2188522T T3 20110912	GB20070017690;W O2008GB02569;	F03D001/06; F03D003/06;	BLADE DYNAMICS LTD;	VINDTURBINEBLAD
DK2209991T T3 20110829	DE200710054215; WO2008EP09515;	F03D007/02;	REPOWER SYSTEMS AG;	VINDENERGIANLÄG MED VARMEINDRETNING
EP2340160 A1 20110706	DK20080001413;W O2009DK50267;	B29C070/48; F03D001/06; B29D099/00; F01D005/00; B29C070/34;	VESTAS WIND SYS AS;	A METHOD OF MANUFACTURING A POLYMER COMPOSITE MEMBER BY USE OF TWO OR MORE RESINS
EP2340199 A1 20110706	US20080196712P; US20080196721P; WO2009US58750;	B64C011/00; B63H001/16; B64C027/20; F03D011/00; F01D005/22;	BENDER ANDREW L;	HIGH EFFICIENCY TURBINE
EP2340369 A2 20110706	DK20080001502;U S20080110657P;W O2009EP63727;	E04H012/34; F03D011/04; F03D001/00;	VESTAS WIND SYS AS;	METHOD OF ERECTING A TOWER
EP2341240 A1 20110706	ES20080003064;W O2009ES70459;	F03D001/06;	GAMESA INNOVATION & TECH SL;	A MULTIPLE-PANEL WIND GENERATOR BLADE WITH INTEGRATED ROOT
EP2341241 A1 20110706	ES20080003063;W O2009ES70458;	F03D001/06;	GAMESA INNOVATION & TECH SL;	A MULTIPLE-PANEL WIND GENERATOR BLADE WITH IMPROVED JOINTS ALONG THE TRAILING EDGE
EP2341242 A2 20110706	EP20070747762;P T20060103489;	F03D011/04; F03D005/00;	OMNIDEA LDA;	ATMOSPHERIC RESOURCES EXPLORER FOR HARNESSING WIND POWER

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EP2341246 A2 20110706	US20090644228;	F03D009/00; F03D007/04;	GEN ELECTRIC;	METHOD AND SYSTEM FOR MONITORING OPERATION OF A WIND FARM
EP2341247 A1 20110706	US20090624908;	F03D011/00; F03D009/00; H02K009/04;	GEN ELECTRIC;	WIND TURBINE WITH DIRECT-CONNECTED VARIABLE SPEED BLOWER
EP2341592 A1 20110706	EP20090180850;	H02G009/02; F03D001/00;	KYOWA CO LTD;SUMITOMO CORP;	METHOD FOR PROTECTING SUBMARINE CABLE AND SUBMARINE LONG TUBE
EP2342023 A1 20110713	DE200810056142; WO2009EP07468;	B05B015/12; B65G019/02; B65G017/00; F03D001/06; B05B013/04;	EISENMANN AG;	SYSTEM FOR THE SURFACE TREATMENT OF OBJECTS
EP2342452 A2 20110713	FR20080057210;W O2009EP63384;	F03D011/04; F03D001/00; F03D011/00; F03D001/06;	ASTRIUM SAS;	DEVICE AND METHOD FOR ASSEMBLING WINDMILL BLADES
EP2342453 A2 20110713	NL20082002002;W O2009NL00184;	F03D001/06;	CORTENERGY B V;	WIND TURBINE WITH LOW INDUCTION TIPS
EP2342454 A2 20110713	AT20080001580;W O2009AT00394;	F03D011/02; F03D009/00; F03D011/00;	HEHENBERGER GERALD;	WIND POWER STATION
EP2342455 A2 20110713	AT20080001579;W O2009AT00396;	F03D011/02; F03D011/00; F03D009/00;	HEHENBERGER GERALD;	WIND POWER STATION
EP2342456 A2 20110713	GB20080017617;W O2009GB02309;	F03D011/00;	RICARDO UK LTD;	BEARING FOR WIND TURBINE

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EP2342457 A1 20110713	GB20080017027;U S20080097696P;W O2009NO00306;	F03D007/02; F03D011/02;	CHAPDRIVE AS;	TURBINE SPEED STABILISATION CONTROL SYSTEM
EP2343449 A2 20110713	IT2010BA00002U;	F03D001/06;	SIVILLI DOMENICO;	BLADE FOR A HORIZONTAL AXIS WIND TURBINE
EP2343450 A1 20110713	EP20090172592;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE WITH LONGITUDINALLY EXTENDING FLOW GUIDING DEVICEHAVING A PLATE- SHAPED ELEMENT
EP2343451 A1 20110713	EP20090172594;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE WITH PLURALITY OF LONGITUDINALLY EXTENDING FLOWGUIDING DEVICE PARTS
EP2343452 A2 20110713	SE20100050002;	F03D005/00;	WINFOOR AB;	WIND ENERGY CONVERTER
EP2343454 A1 20110713	EP20100150465;	F03D011/00;	ECOTECNIA EN RENOVABLES S L;	LOCKING DEVICE OF A WIND TURBINE AUXILIARY DRIVE
EP2343455 A1 20110713	EP20100250022;	F03D007/02; F03D011/02; F03D011/00;	VESTAS WIND SYS AS;	WIND ENERGY POWER PLANT HAVING A ROTOR BLADE PITCH ACTUATOR
EP2343461 A1 20110713	JP20080244424;W O2009JP59965;	F16C025/08; F16H057/23; F16C035/77; F16H057/22; F16C019/16; F03D011/00; F16C019/26; F16C033/58; F16H057/21; F16C019/36;	MITSUBISHI HEAVY IND LTD;	SPEED-UP DEVICE FOR WIND-DRIVEN GENERATOR AND SUPPORT MECHANISM FORROTATING SHAFT

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EP2344752 A2 20110720	DE200810053404; WO2009EP07442;	F03D001/00; F03D011/00;	ZUEBLIN AG;	METHOD FOR TRANSPORTING A ROTOR BLADE OF A WIND POWER PLANT ANDTRANSPORT DEVICE FOR CONDUCTING THE METHOD
EP2344753 A2 20110720	DK20080001364;U S20080194724P;W O2009DK50252;	F03D001/00; F03D011/00;	VESTAS WIND SYS AS;	A SERVICE CRANE FOR A WIND TURBINE
EP2344754 A2 20110720	FR20080057213;W O2009EP63382;	F03D001/06; F03D011/00; F03D001/00; F03D011/04;	ASTRIUM SAS;	WINDMILL BLADES AND METHOD FOR PRODUCTION THEREOF
EP2344755 A1 20110720	US20080240183;W O2009US55115;	F03D001/00; B25D001/16;	SIEMENS ENERGY INC;	METHOD AND TOOL FOR ALIGNING WIND TURBINE TOWER FASTENERS
EP2344756 A2 20110720	US20080105509P; WO2009US60818;	F03D001/06; F03D001/04; F03D011/00;	GLASS BEN;	POWER-AUGMENTING SHROUD FOR ENERGY-PRODUCING TURBINES
EP2344757 A2 20110720	US20080197247P; WO2009IB07189;	F03D001/06; F03D007/02;	CLIPPER WINDPOWER INC;	CABLE-STAYED ROTOR FOR WIND AND WATER TURBINES
EP2344758 A2 20110720	DE200810057455; WO2009DE01574;	F03D009/00; F03D011/00;	AERODYN ENG GMBH;	HYDRAULIC SUPPLY UNIT
EP2344759 A1 20110720	FR20080056888;W O2009EP63190;	F03D011/00;	DELPRAT BERTRAND;ENERIA;	SYSTEM AND METHOD OF COUNTING AND ANALYZING ANIMAL IMPACTS ON A WINDTURBINE BLADE
EP2344760 A2 20110720	US20080135824P; US20090210476P; WO2009IB06302;	F03D011/00;	CLIPPER WINDPOWER INC;	WIND TURBINE TOWER HEAT EXCHANGER

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EP2345120 A2 20110720	DE200810058129; WO2009EP64567;	H02G005/00; F03D001/00; H02G003/04; H02G005/04;	SIEMENS AG;	DEVICE COMPRISING RIGID CONNECTING BARS FOR THE CONDUCTING CONNECTION OF FIRST TO SECOND BUSBARS
EP2345150 A1 20110720	WO2008SE51122;	F03D007/02; F03D007/06; H02P009/04;	VERTICAL WIND AB;	A POWER GENERATION UNIT AND A METHOD FOR GENERATING ELECTRIC ENERGY
EP2347124 A2 20110727	DE200810058229; WO2009EP67262;	F03D001/00;	KENERSYS GMBH;P E CONCEPTS GMBH;	ATTACHMENT ELEMENT FOR FASTENING OF ATTACHMENT PARTS TO THE INSIDEWALL OF A TOWER OF A WIND ENERGY SYSTEM
EP2347125 A2 20110727	DK20080001436;D K20090000342;US 20080196144P;US 20090159630P;WO 2009EP63402;	F03D001/06;	VESTAS WIND SYS AS;	WIND TURBINE BLADE WITH VARIABLE BLADE SURFACE
EP2348216 A2 20110727	EP20100151707;E P20110152147;	F03D003/06; F03B003/12;	JUHANAK JIRI;KUNZ GEORG;SCHWENDLER FRANZ;	TURBINE FOR WIND AND WATER POWER PLANTS
EP2349703 A1 20110803	GB20080018467;W O2009GB02397;	B29C070/86; B29C070/54; B29D099/00; F03D001/06; B29C070/48; B29C070/22; B29C070/16; B29D001/00; B29C053/58;	BLADE DYNAMICS LTD;	AN INSERT AND METHOD FOR FORMING AN END CONNECTION IN A UNI -AXIALCOMPOSITE MATERIAL

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EP2350439 A1 20110803	GB20080021429;W O2009EP08216;	F01D005/14; B64C007/02; B64C011/18; B64D029/04; F01D025/16; F03D001/06; B64D029/02; B64C003/14; F01D009/04; F04D029/38;	ROLLS ROYCE PLC;	METHOD FOR OPTIMISING THE SHAPE OF AN AEROFOIL AND CORRESPONDING AEROFOIL
EP2350452 A2 20110803	DK20080001435;U S20080196145P;W O2009EP63400;	F03D001/06;	VESTAS WIND SYS AS;	WIND TURBINE BLADE WITH DEVICE FOR CHANGING THE AERODYNAMIC SURFACE OR SHAPE
EP2350453 A1 20110803	GB20080019988;U S20090357891;WO 2009GB51455;	F03D001/06; G01L005/00;	VESTAS WIND SYS AS;	WIND TURBINE BLADE LOAD SENSOR
EP2350454 A2 20110803	DK20080001660;U S20080117604P;W O2009EP65348;	F03D011/04; F03D001/00; B63B035/44;	VESTAS WIND SYS AS;	METHOD OF MANUFACTURING A WIND TURBINE TOWER STRUCTURE
EP2351204 A2 20110803	DE200810037566; WO2009EP64365;	H02P009/00; H02P009/10; F03D007/04; H02J003/01; H02J003/24; H02P029/00;	WOODWARD KEMPEN GMBH;	DEVICE FOR REGULATING A DOUBLE-FED ASYNCHRONOUS MACHINE
EP2351931 A1 20110803	IT2010BA00003U;	F03D007/02;	SIVILLI DOMENICO;	DEVICE FOR CONTROLLING THE YAW OF A FLUID-OPERATED GENERATOR OF ELECTRIC ENERGY
EP2351948 A1 20110803	JP20080305746;W O2009JP06305;	F03D007/04; F16D001/06; F16H001/32;	NABTESCO CORP;	PITCH DRIVING DEVICE FOR WINDMILL

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EP2352916 A2 20110810	DK20080001525;W O2009DK50291;	B29C044/18; F03D011/00;	LM GLASFIBER AS;	METHOD FOR A TRANSVERSE FILLING INSIDE AND ELONGATED NARROW CAVITY
EP2352917 A2 20110810	DK20080001606;U S20080199648P;W O2009EP63911;	F03D007/02;	VESTAS WIND SYS AS;	A METHOD FOR CONTROLLING OPERATION OF A WIND TURBINE
EP2352918 A1 20110810	WO2009EP64999;	F03D011/00; F03D007/02;	AMSC WINDTEC GMBH;	DEVICE FOR ADJUSTMENT OF A ROTOR BLADE, WIND ENERGY CONVERTER, ANDMETHOD FOR ADJUSTING A ROTOR BLADE
EP2352919 A1 20110810	WO2009EP53454;	F03D011/00;	AMSC WINDTEC GMBH;	DEVELOPMENT OF A NEW TOWER CABLING
EP2354537 A1 20110810	EP20100152885;	F03D001/00;	GEOSEA NV;	METHOD AND DEVICE FOR ASSEMBLING A WIND TURBINE AT SEA
EP2354544 A1 20110810	EP20100152958;	F03D011/00;	VESTAS WIND SYS AS;	ELASTIC ELEMENT, SUSPENSION ARRANGEMENT AND WIND TURBINE WITHSUSPENSION ARRANGEMENT
EP2354545 A1 20110810	US20090651078;	F03D001/00; B23B041/12; F03D011/00; B23B029/02;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR ASSEMBLING A BORE REPAIR ASSEMBLY FOR USE IN A WIND TURBINE
EP2356333 A2 20110817	CH20080001676;W O2009IB07206;	F03B013/14; F03B013/16;	PERREGRINI VITTORIO;	INTEGRATED GENERATOR DEVICE FOR PRODUCING ENERGY FROM ZERO-EMISSIONRENEWABLE ALTERNATIVE SOURCES RESPECTING AND PRESERVING THE ENVIRONMENT



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EP2356335 A1 20110817	CA20082643567;W O2009CA01641;	F03D007/00; F03B003/18; F03B015/00; F03B011/02; F03D001/06; F03D001/04;	ORGANOWORLD INC;	FLUID DIRECTING SYSTEM FOR TURBINES
EP2356336 A2 20110817	GB20080021998;U S20080119203P;W O2009EP08524;	F03D001/06;	VESTAS WIND SYS AS;	WIND TURBINE CONTROL SURFACE HINGE
EP2357356 A2 20110817	DE201010006544;	F03D003/06; F03D001/06; F03D007/00;	WOELFEL BERATENDE INGENIEURE GMBH & CO KG;	ROTOR BLADE FOR A WIND TURBINE AND METHOD FOR ATTENUATING THE OSCILLATION OF A ROTOR BLADE
EP2357357 A2 20110817	DK20090001073;	F03D001/06;	VESTAS WIND SYS AS;	WIND TURBINE BLADE
EP2357358 A1 20110817	US20090628575;	F03D001/06;	GEN ELECTRIC;	ROTOR BLADE OF A WIND TURBINE
EP2357359 A2 20110817	DE200910058595;	F03D011/00; F03D007/02;	SIEMENS AG;	DETECTION OF THE DEFORMATION OF A BLADE OF A WIND TURBINE
EP2357360 A1 20110817	WO2008JP68893;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN ELECTRICITY GENERATOR
EP2358995 A2 20110824	DE200810049025; WO2009DE01293;	F03D001/00;	LUTZ OTTO;	APPARATUS FOR INSTALLING AND REMOVING A ROTOR BLADE OF A WIND POWERPLANT
EP2358996 A2 20110824	DK20080001598;U S20080115271P;W O2009EP65167;	F03D001/00;	VESTAS WIND SYS AS;	METHOD OF LIFTING A WIND TURBINE NACELLE

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EP2358997 A2 20110824	GB20080020324;U S20090357803;WO 2009GB51466;	F03D001/06;	VESTAS WIND SYS AS;	WIND TURBINE ROTOR BLADE
EP2358999 A1 20110824	US20080199952P; WO2009US65548;	F03D009/00;	ABOU-ZEID PIERRE M;	METHOD AND SYSTEM FOR AIR VELOCITY GENERATED ELECTRICAL POWER
EP2359000 A2 20110824	GB20080021262;U S20080340091;WO 2009EP65548;	F03D011/04;	VESTAS WIND SYS AS;	WIND TURBINE TOWER MONITORING DEVICE
EP2360372 A1 20110824	ES20080003624;W O2009ES70589;	F03D011/00; F03D001/00;	GAMESA INNOVATION & TECH SL;	TOOL FOR TRANSPORTING TOWERS
EP2360374 A1 20110824	EP20090172597;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE HAVING A FORWARDLY ORIENTED FLOW GUIDING DEVICE
EP2360435 A1 20110824	EP20100153362;	F03D009/02; F03D009/00; F24D011/00; F24D003/00;	LEIDI CONSULT LTD;	A HEATING SYSTEM AND METHOD USING ALTERNATIVE ENERGY FOR HEATINGBUILDINGS
EP2361161 A1 20110831	US20080255984;W O2009IB07192;	B21C037/12; B21C037/18; F03D011/00;	LINCOLN GLOBAL INC;	SPIRALLY WELDED CONICAL TOWER SECTIONS
EP2361217 A1 20110831	US20080122828P; WO2009EP54419;	B66F003/46; F03D011/04; F03D001/00; B66F009/18; B66F009/12;	SIEMENS AG;	SYSTEM AND METHOD FOR HANDLING A NACELLE OF A WIND TURBINE
EP2361356 A1 20110831	SE20080002459;W O2009SE00481;	F03D001/04; F03D003/04; F21S009/04;	OESTERGOETLANDS FASTIGHETSSERVICE SAMT EL OCH LARM I;SANVIKTHOMAS;	POWER INCREASING POLE-LIKE ARRANGEMENT FOR AIR TURBINE

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EP2361752 A1 20110831	EP20100001871;	B29C070/22; F03D001/06; B29C053/58; B29C070/08; B29C070/32;	BARD HOLDING GMBH;	FIBRE COMPOUND COMPONENT AND METHOD FOR MANUFACTURING THE SAME
EP2362090 A2 20110831	DE200910055175;	F03D001/00;	ZUEBLIN AG;	ADJUSTABLE SPREAD FOUNDATION, PREFERABLY SEPARATED, FOR OFFSHORE WIND FARMS
EP2362091 A1 20110831	EP20100167870;	F03D001/06;	ENVISION ENERGY DENMARK APS;	ROTOR BLADE VIBRATION DAMPING SYSTEM
EP2362093 A1 20110831	DK20090000097;E P20090015780;US 20090146912P;	F03D007/02;	VESTAS WIND SYS AS;	CONTROL OF ROTOR DURING A STOP PROCESS OF A WIND TURBINE
EP2362527 A1 20110831	EP20100154736;	H02K003/28; H02K007/18; F03D007/02;	GOLIATH WIND LTD;	WIND TURBINE ELECTRICAL BRAKE
EP2363342 A1 20110907	FR20100000809;	B64C027/54; F03D001/06; B64C027/33;	EUROCOPTER FRANCE;	BLADE WITH ADAPTIVE TWIST AND ROTOR WITH SUCH A BLADE
EP2363600 A2 20110907	US20100309981P; US20110034883P;	F03D001/06;	CAIRES RICHARD;	CLEAR WIND TOWER SYSTEM TECHNOLOGY
EP2363601 A2 20110907	DE201010010283;	F03D011/00; F03D001/06;	DEUTSCH ZENTR LUFT & RAUMFAHRT;	FIBER REINFORCED COMPOSITE ROTOR HUB OF A WIND POWER CONVERTER
EP2363602 A2 20110907	DE201020000323U ;	F03D001/06;	LAETZSCH GMBH KUNSTSTOFFVERARBEITUN G;	BLADE FOR A FLUID ENERGY PLANT

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EP2363603 A2 20110907	US20100718414;	F03D007/04;	GEN ELECTRIC;	SYSTEM FOR CONTROLLING WIND TURBINE OPERATION IN A COLD WEATHERENVIRONMENT
EP2364948 A1 20110914	DE201020003269U ;DE201020012237 U;DE20102001561 6U;	B66C013/06;	LIEBHERR WERK EHINGEN;	CRANE
EP2365211 A1 20110914	EP20100002383;	B66C023/52; F03D001/00;	PRIOR ENERGY GMBH N;	METHOD FOR CARRYING OUT WORK ON A WIND FARM
EP2365213 A2 20110914	DE201020003361U ;	F03D003/04;	HANDTMANN ALBERT ELTEKA GMBH;POPP FRANZ;	DEVICE FOR CONVERTING THE ENERGY OF A FLOW INTO ROTATIONAL ENERGY
EP2365217 A1 20110914	WO2009JP64568;	F03D011/00; F04D027/00;	MITSUBISHI HEAVY IND LTD;	FAN DEVICE FOR WIND DRIVEN GENERATOR AND WIND DRIVEN GENERATOR
EP2365218 A1 20110914	EP20100155836;	F03D011/00;	LM GLASFIBER AS;	WIND TURBINE BLADE WITH LIGHTNING PROTECTION SYSTEM
EP2365219 A2 20110914	US20100719958;	F03D011/00;	GEN ELECTRIC;	SYSTEM FOR DEICING A WIND TURBINE BLADE
EP2366893 A2 20110921	KR20100023951;	F03D003/06;	LEE IN-NAM;	WIND POWER GENERATOR HAVING VARIABLE WINDMILL WINGS
EP2366894 A2 20110921	DE201010011802;	F03D003/06;	SCHLOEGL CHRISTIAN;	MODULAR DESIGN OF ROTOR BLADE FOR A VERTICAL WIND TURBINE
EP2366988 A1 20110921	EP20100002921;	F03D007/02; G01L003/14;	WINERGY AG;	METHOD AND APPARATUS FOR DETECTING A TORQUE IN A GEAR USING AVIBRATION SENSOR

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EP2368033 A1 20110928	CA20082645296;W O2009CA01649;	F03D001/04; F01D001/02; F03D003/04; F03B003/04; F01D009/02; F03B003/18; F03D001/02; F03D003/02;	ORGANOWORLD INC;	ANNULAR MULTI-ROTOR DOUBLE-WALLED TURBINE
EP2368034 A1 20110928	EP20080171533;E P20090737464;WO 2009EP64084;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE HAVING A FLOW GUIDING DEVICE WITH OPTIMISED HEIGHT
EP2368035 A1 20110928	EP20080171530;E P20090740331;WO 2009EP64085;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE HAVING A SPOILER WITH EFFECTIVE SEPARATION OF AIRFLOW
EP2368037 A2 20110928	DE200810063043; WO2009DE01662;	F03D011/00;	AERODYN ENG GMBH;	LOCKING DEVICE FOR A ROTOR OF WIND TURBINES
EP2368038 A1 20110928	DE200810063044; WO2009DE01566;	F16H001/48; F03D011/02;	AERODYN ENG GMBH;	PLANETARY GEAR
EP2368317 A2 20110928	NO20080004921;W O2009EP65738;	H02P009/08; H02M005/0458 ; F03D009/00;	AKER ENGINEERING & TECHNOLOGY AS;	FREQUENCY CONVERTOR
EP2368652 A1 20110928	US20100309229P; US201113029958;	B23P015/04; F03D001/06; B21D026/33; B21D053/78;	VARI FORM INC;	HYDROFORMED TURBINE BLADE AND METHOD OF MANUFACTURING THEREOF
EP2368834 A1 20110928	ES20100000371;	F03D011/04; B66F019/00; F03D001/00;	BBR PRETENSADOS Y TECN ESPECIALES S L; FCC CONSTRUCCION S A;	EQUIPMENT FOR RAISING/LOWERING OF WIND GENERATOR TURBINES

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EP2369175 A2 20110928	US20100317112P; US20100826904;	F03D001/00; F03D009/00;	HAMILTON SUNDSTRAND CORP;	HYBRID RAM AIR TURBINE
EP2369177 A2 20110928	DE201010012957;	F03D007/02;	REPOWER SYSTEMS AG;	METHOD FOR DETECTION OF A BRAKE CONDITION IN A WIND TURBINE AND WINDTURBINE THEREFOR
EP2369179 A1 20110928	EP20100075111;	F03D011/04;	LEENAARS CEES EUGEN JOCHEM;	QUICK CONNECTION SYSTEMS FOR OFFSHORE WIND TURBINE INSTALLATIONS
EP2370692 A2 20111005	DK20080001695;U S20080200782P;W O2009DK50318;	F03D001/00; F03D011/00;	VESTAS WIND SYS AS;	METHOD FOR INSTALLING A WIND TURBINE, A NACELLE FOR A WIND TURBINE,AND METHOD FOR TRANSPORTING ELEMENTS OF A WIND TURBINE
EP2370693 A2 20111005	DE200810063808; WO2009EP67288;	F03D005/06;	LEHMANN GOTTFRIED;WATERMANN WOLFGANG;	WIND POWER PLANT
EP2370694 A2 20111005	GB20080023683;W O2009GB02959;	F03D007/04; F03D007/02;	HYWIND AS;	BLADE PITCH CONTROL IN A WIND TURBINE INSTALLATION
EP2371050 A2 20111005	US20080119078P; WO2009US66423;	F03D001/04; H02J007/34; H02K007/04;	FLODESIGN WIND TURBINE CORP;	ULTRACAPACITOR INTERFACE IN WIND TURBINE RING GENERATOR
EP2372143 A1 20111005	EP20100158186;	E02B017/00; E02D013/04; F03D001/00;	GEOSEA NV;	DEVICE AND METHOD FOR ERECTING AT SEA A LARGE SLENDER BODY, SUCH AS THE MONOPILE OF A WIND TURBINE
EP2372148 A1 20111005	EP20100003558;	F03D011/00; F03D009/00; F03D011/02;	WINERGY AG;	DRIVE DEVICE FOR A WIND POWER SYSTEM

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EP2372150 A1 20111005	EP20100158262;	F03D011/02;	ECOTECNIA EN RENOVABLES S L;	WIND TURBINE
EP2372151 A1 20111005	EP20100158264;	F03D011/02;	ECOTECNIA EN RENOVABLES S L;	WIND TURBINE
EP2372152 A1 20111005	DK20060000785;E P20070722657;	F03D011/02; F16F015/14;	VESTAS WIND SYS AS;	A WIND TURBINE COMPRISING A DETUNER
EP2372192 A1 20111005	EP20100003576;	F16H057/04; F16H001/22; F03D011/00;	WINERGY AG;	BRANCHED DRIVE FOR A WIND TURBINE
EP2373883 A1 20111012	US20080201041P; WO2009US67005;	F03D003/06;	ARIZONA BOARD OF REGENTS OF BEHALF OF THE UNIVERSITY OF ARIZONA;	VERTICAL AXIS WIND TURBINE
EP2373885 A1 20111012	US20090211833P; WO2009IB06642;	F16D065/12; F03D007/02;	CLIPPER WINDPOWER INC;	SERVICEABLE YAW BRAKE DISC SEGMENTS WITHOUT NACELLE REMOVAL
EP2373886 A2 20111012	DE200910004070; WO2009DE01727;	F03D007/02;	AERODYN ENG GMBH;	PARKING POSITION OF A WIND POWER PLANT
EP2373888 A1 20111012	US20080121412P; US20080332313;W O2009US67535;	F03D009/00;	SQUARED WIND INC V;	EFFICIENT SYSTEMS AND METHODS FOR CONSTRUCTION AND OPERATION OF ACCELERATING MACHINES
EP2373889 A1 20111012	US20080121381P; WO2009IB07651;	F03D011/00;	CORTINA INNOVATIONS S A DE C V;	METHOD FOR MOUNTING IN SECTIONS AN ANNULAR TOWER FOR WIND OR HELIOSTATIC POWER GENERATORS OR CHIMNEYS

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EP2373899 A2 20111012	US20080119873P; WO2009IB07920;	F16C033/60; F16C033/64;	CORTS JOCHEN;	COMPOUND STEEL BEARINGS AND METHODS OF MANUFACTURING
EP2374992 A1 20111012	NO20100000494;	F03D011/04; F16L001/15; F16L003/08; F16L003/00; E21B043/01;	AKER JACKET TECHNOLOGY AS;	A SUPPORT DEVICE
EP2375059 A2 20111012	US20100757416;	F03D007/00;	GEN ELECTRIC;	TORSIONAL PROTECTION SYSTEM AND METHOD FOR WIND TURBINE
EP2375060 A1 20111012	JP20090000398;W O2009JP69105;	F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND POWER ELECTRICITY GENERATION DEVICE, AND METHOD OF DETERMINING DIRECTION OF WIND OF WIND POWER ELECTRICITY GENERATION DEVICE
EP2375062 A1 20111012	JP20090000399;W O2010JP50004;	F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATING DEVICE AND METHOD FOR CONTROLLING WIND TURBINE GENERATING DEVICE
EP2375063 A1 20111012	JP20090000992;W O2010JP50038;	F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND-POWER GENERATION DEVICE AND CONTROL METHOD FOR WIND-POWER GENERATION DEVICE
EP2375064 A2 20111012	DK20100000305;U S20100323038P;	F03D007/04;	VESTAS WIND SYS AS;	METHOD OF CONTROLLING A WIND TURBINE GENERATOR
EP2375065 A1 20111012	JP20090001468;W O2009JP65579;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND DRIVEN GENERATOR
EP2375529 A1 20111012	EP20100003691;	H02J003/38; F03D009/00;	CONVERTEAM TECHNOLOGY LTD;	POWER TRANSMISSION SYSTEM COMPRISING A PLURALITY OF RENEWABLE-ENERGY TURBINES



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EP2376771 A2 20111019	DK20080001789;U S20080122904P;W O2009DK00252;	F03D001/00; F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE WITH VIBRATION DAMPING SYSTEM AND METHOD
EP2376772 A2 20111019	DK20080001790;U S20080122900P;W O2009DK00253;	F03D001/00; F03D011/04;	VESTAS WIND SYS AS;	WIND TURBINE NACELLE
EP2376773 A2 20111019	DK20080001776;U S20080122090P;W O2009EP66974;	F03D007/04;	VESTAS WIND SYS AS;	CONTROL METHOD AND APPARATUS
EP2376774 A2 20111019	DK20080001779;U S20080201863P;W O2009DK50328;	F03D007/04;	VESTAS WIND SYS AS;	PITCH CONTROL OF A WIND TURBINE
EP2376775 A1 20111019	EP20080172789;E P20090775217;WO 2009EP67396;	F03D007/02; F03D011/00; F03D009/00;	XEMC DARWIND BV;	WIND TURBINE AND METHOD FOR MONITORING THE GAP LENGTH BETWEEN A ROTORAND A STATOR OF THE WIND TURBINE GENERATOR
EP2376777 A2 20111019	FR20080058418;W O2009NL00248;	F03G003/08; H02J015/00; F03D009/02; F16C015/00;	ROUCAR GEAR TECHNOLOGIES B V;	INERTIAL ENERGY ACCUMULATING DEVICE
EP2376778 A1 20111019	EP20080171910;E P20090768397;WO 2009EP67185;	F03D011/00;	XEMC DARWIND BV;	WIND TURBINE COMPRISING A COOLING CIRCUIT
EP2376779 A2 20111019	DK20080001804;U S20080203045P;W O2009DK50334;	F03D011/02; F16D001/02;	VESTAS WIND SYS AS;	SHRINK DISK CONNECTION FOR A WIND TURBINE
EP2376797 A2 20111019	US20080122567P; US20080139472P; WO2009IB07949;	F16C027/08; F03D009/00; F16C033/26; F16C017/06;	CORTS JOCHEN;	SEGMENTED COMPOSITE BEARINGS AND WIND GENERATOR UTILIZING HYDRAULICPUMP/MOTOR COMBINATION

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EP2378116 A1 20111019	EP20100003927;	F03D009/00; F03D009/02;	BRZOSKO ARMAND;	WINDMILL-DRIVEN RADIAL AIR COMPRESSOR FOR ENERGY STORAGE
EP2378118 A2 20111019	DE201010015160;	F03D011/00; F03D011/04;	WOELFEL BERATENDE INGENIEURE GMBH & CO KG;	TOWER OSCILLATION DAMPENER FOR A WIND TURBINE AND WIND TURBINE
EP2379312 A2 20111026	DK20090000089;U S20090205721P;W O2010DK50012;	B29C070/86; B29B011/16; B29C070/30;	VESTAS WIND SYS AS;	METHOD OF MANUFACTURING A WIND TURBINE BLADE, WIND TURBINE BLADEOBTAINED THEREBY AND PRE-FORM FOR USE IN A WIND TURBINE BLADE
EP2379876 A2 20111026	US20080108248;W O2009US39811;	F03B013/00; F03B013/10; F03D009/00;	ABATEMARCO MICHAEL R;	PELAGIC SUSTAINABLE ENERGY SYSTEM
EP2379878 A2 20111026	DK20080001794;U S20080138183P;	F03D007/02; F03D003/06;	VESTAS WIND SYS AS;	FAIRING FOR WIND TURBINE BLADE
EP2379879 A2 20111026	DE200810063875; WO2009EP08271;	F03D009/02; F03D009/00;	BOSCH GMBH ROBERT;	GENERATOR ARRANGEMENT FOR A WIND POWER PLANT
EP2379880 A1 20111026	WO2009EP00326;	F03D009/00; H02J003/26;	POWERWIND GMBH;	METHOD AND CIRCUIT ARRANGEMENT FOR SUPPLYING A MULTIPHASE ELECTRICALNETWORK
EP2379881 A1 20111026	US20080140710P; WO2009US69416;	F03D009/00;	MARTINO DOMINICK DANIEL;	PRIME MOVER
EP2379882 A2 20111026	DE200810063873; DE200910008340; WO2009EP08414;	F03D009/00; F03D011/00;	BOSCH GMBH ROBERT;	TURBINE POWER PLANT

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EP2380270 A2 20111026	DE200810063871; WO2009EP08367;	H02P009/10;	BOSCH GMBH ROBERT;	STATIONARY ENERGY GENERATION PLANT HAVING A CONTROL DEVICE AND METHOD FOR CONTROLLING THE SAME
EP2381092 A2 20111026	US20100764364;	F03D001/00; F03D011/00;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR ASSEMBLING A ROTOR LOCK ASSEMBLY FOR USE IN A WIND TURBINE
EP2381093 A1 20111026	ES20090000127;W O2010ES00008;	F03D001/06;	TORRES MARTINEZ M;	WIND TURBINE BLADE
EP2381094 A1 20111026	US20100325984P;	H02J003/38; F03D007/00;	ABB RESEARCH LTD;	ENERGY NETWORK AND CONTROL THEREOF
EP2381095 A1 20111026	EP20100161054;	F03D011/00; F03D007/02;	VESTAS WIND SYS AS;	ROTATIONAL POSITIONING DRIVE IN A WIND TURBINE
EP2381098 A2 20111026	US20100765560;	F03D011/00;	GEN ELECTRIC;	METHOD FOR MEASURING A ROTATIONAL POSITION OF A ROTOR BLADE OF A WIND TURBINE AND MEASURING DEVICE
EP2381099 A2 20111026	US20100766456;	F03D011/00;	GEN ELECTRIC;	PACKAGE FOIL FOR WIND TURBINE COMPONENTS, METHOD FOR PACKAGING A WIND TURBINE COMPONENT, AND WIND TURBINE COMPONENT ASSEMBLY
EP2381102 A2 20111026	US20100764437;	F03D011/02;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR ASSEMBLING A GEARBOX HANDLING ASSEMBLY FOR USE IN A WIND TURBINE
EP2381103 A1 20111026	EP20100160456;	E04H004/08; F03D011/04;	FIBERLINE COMPOSITES AS;	TOWER SECTION CLOSURE
EP2381104 A2 20111026	US20100763829;	F03D011/04; F03D001/00;	GEN ELECTRIC;	WIND TURBINE, NACELLE AND METHOD OF ASSEMBLING WIND TURBINE

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EP2382390 A2 20111102	US20090147955P; WO2010US21964;	F03D011/00;	MAG IAS LLC;	MACHINING CENTER FOR A WIND TURBINE HUB
EP2383463 A1 20111102	US20100769788;	F03D001/00;	GEN ELECTRIC;	ROTOR SUPPORT DEVICE AND METHOD FOR ACCESSING A DRIVE TRAIN OF A WINDTURBINE
EP2383465 A1 20111102	EP20100161196;	F03D001/06;	LM GLASFIBER AS;	WIND TURBINE BLADE PROVIDED WITH A SLAT ASSEMBLY
EP2383466 A2 20111102	US20100768880;	F03D001/06;	GEN ELECTRIC;	WIND TURBINE WITH INTEGRATED DESIGN AND CONTROLLING METHOD
EP2383467 A2 20111102	US20100771187;	F03D007/02;	GEN ELECTRIC;	FRICTION BRAKE FOR WIND ENERGY SYSTEMS, WIND ENERGY SYSTEM AND METHODFOR UPGRADING
EP2383468 A1 20111102	US20100770406;	F03D011/02; F16D001/05; F03D011/00;	GEN ELECTRIC;	SYSTEM AND METHOD FOR CONNECTING SHAFTS OF A WIND TURBINE
EP2384541 A2 20111109	EP20090001336;E P20090779127;WO 2009EP52745;	G05F001/67; F03D009/00; H02J003/38; F03D007/02; H02P009/10; F03D007/04; H02P009/42;	SIEMENS AG;	POWER SYSTEM FREQUENCY INERTIA FOR WIND TURBINES

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EP2384835 A1 20111109	EP20100162189;	B21D037/16; F03D003/06; B21C037/08; B21D005/12; H02K007/18; B21C037/30; B21D039/10; B23K020/00;	SIEMENS AG;	METHOD FOR MANUFACTURING A ROTOR FOR A GENERATOR
EP2385250 A2 20111109	DK20080001594;E P20090175923;US 20080115198P;	F03D011/04;	VESTAS WIND SYS AS;	A TOWER OF A WIND TURBINE AND A METHOD FOR ARRANGING A PLATFORM INSIDE A TOWER
EP2386137 A1 20111116	DK20090000039;U S20090143997P;W O2010EP50280;	H02M001/12; H02J003/38; H02M005/0458 ;	VESTAS WIND SYS AS;	RECONFIGURABLE POWER CONVERTER MODULE
EP2386515 A1 20111116	DE201010020587;	F03D001/00; B66C023/20; F03D011/04; B66C001/10;	POWERWIND GMBH;	TRANSFORMER EXCHANGE
EP2386749 A1 20111116	WO2009CN70078;	F03D009/00; F03D011/04; F03D001/04; F03D003/04;	PENG JIANNING;	AIR CURRENT GENERATING SYSTEM AND METHOD
EP2386753 A1 20111116	EP20100382117;	F03D009/00; H02P009/48; H02P009/00; H02P009/30;	WIND TO POWER SYSTEM S L;	EXCITATION CIRCUIT FOR AN ASYNCHRONOUS GENERATOR AND METHOD FOR THE EXCITATION OF AN ASYNCHRONOUS GENERATOR
EP2386755 A1 20111116	WO2008JP73233;	F03D011/00; F03D001/06;	MITSUBISHI HEAVY IND LTD;	ROTOR HEAD FOR WIND POWER GENERATOR, AND WIND POWER GENERATOR

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EP2386756 A1 20111116	WO2008JP73234;	F03D007/04; F03D011/00;	MITSUBISHI HEAVY IND LTD;	PITCH DRIVE APPARATUS FOR WIND POWER GENERATING APPARATUS AND WINDPOWER GENERATING APPARATUS
EP2387664 A2 20111123	DE200910004991; WO2009EP09224;	F03D007/04;	IMO HOLDING GMBH;	WIND POWER PLANT
EP2388131 A1 20111123	EP20100163393;	B29C070/34; B29C033/68; F03D001/06;	SIEMENS AG;	METHOD OF MOULDING A WIND TURBINE BLADE USING A RELEASE FILM, AND SAIDFILM
EP2388411 A1 20111123	EP20100163578;	E04H012/00; F03D011/00;	SIEMENS AG;	WIND TURBINE TOWER
EP2388478 A2 20111123	DE201010029108;	F03D003/00; F25B030/00;	ALTHAUS WOLFGANG;SPILLECKE RALF;	APPARATUS AND METHOD FOR CONVERTING THE FLOW ENERGY OF A FLUID
EP2388479 A1 20111123	EP20100163577;	F03D011/04;	SIEMENS AG;	ARRANGEMENT TO CONNECT A NACELLE WITH A TOWER OF A WIND TURBINE
EP2388489 A1 20111123	EP20060822627;JP 20050363661;JP20 050363662;JP2006 0087829;	F16C019/36; F03D011/00; F16C033/51;	NTN TOYO BEARING CO LTD;	ROLLER BEARING, MAIN SHAFT SUPPORT STRUCTURE OF WIND-POWER GENERATOR,INTERMEDIATE ELEMENT AND RETAINER SEGMENT
EP2388498 A1 20111123	EP20100005310;	F03D011/02; F16J015/46;	WINERGY AG;	TRANSMISSION FOR A WIND TURBINE
EP2389509 A2 20111130	DE200910006054; WO2009EP09164;	F03D007/02;	BOSCH GMBH ROBERT;	STATIONARY ENERGY PRODUCTION PLANT HAVING A BRAKING DEVICE
EP2389510 A2 20111130	DK20090000101;U S20090146443P;W O2010EP50637;	F03D007/02;	VESTAS WIND SYS AS;	CONTROL OF A WIND TURBINE ROTOR DURING A STOP PROCESS USING PITCH ANDA SURFACE ALTERING DEVICE

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EP2389512 A2 20111130	DE200910005957; WO2009EP65459;	F03D009/02;	AVANTIS LTD;	METHOD FOR PRODUCING A MAGNETIC SYSTEM COMPRISING A POLE WHEEL
EP2389720 A2 20111130	DE200910005960; WO2009EP65453;	F03D009/00; H02K007/18; F03D011/00;	AVANTIS LTD;	POLE WHEEL FOR A WIND TURBINE
EP2390178 A2 20111130	US20100790091;	B64C011/24; F03D007/02;	LOCKHEED MARTIN CORP MARYLAND CORP;	ROTOR BLADE HAVING PASSIVE BLEED PATH
EP2390500 A2 20111130	US20100787767;	F03D011/00;	GEN ELECTRIC;	SYSTEMS AND METHODS FOR MONITORING A CONDITION OF A ROTOR BLADE FOR A WIND TURBINE
EP2390501 A2 20111130	US20100790130;	F03D011/00;	GEN ELECTRIC;	METHOD AND SYSTEM FOR VALIDATING WIND TURBINE
EP2391570 A1 20111207	US20090614351;W O2010US29165;	F03D001/00; B66C001/66;	ENGINEERED LIFTING TECHNOLOGIES INC;	LIFTING ASSEMBLY
EP2391818 A2 20111207	US20090148765P; WO2009EP03139;	F03D007/04;	DEWIND CO;	ADAPTIVE VOLTAGE CONTROL FOR WIND TURBINES
EP2391819 A2 20111207	NL20092002476;W O2010GB00178;	F03D007/04;	VESTAS WIND SYS AS;	CONTROL SYSTEM AND METHOD FOR A WIND TURBINE
EP2391821 A2 20111207	DK20090000149;U S20090148508P;W O2010DK50022;	F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE NACELLE WITH COOLER TOP.
EP2391822 A2 20111207	DK20090000151;U S20090148516P;W O2010DK50023;	F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE NACELLE WITH COOLER TOP

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EP2391823 A2 20111207	DK20090000148;U S20090148528P;W O2010DK50024;	F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE WITH COOLER TOP
EP2391824 A2 20111207	DK20090000150;U S20090148537P;W O2010DK50025;	F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE NACELLE WITH COOLER TOP
EP2392069 A2 20111207	US20090148777P; WO2009EP03158;	F03D007/02; H02P009/10; H02J003/18;	DEWIND CO;	WIND TURBINE WITH LVRT CAPABILITIES
EP2392819 A1 20111207	EP20100005654;	F03D007/02; F15B011/00;	HAWE HYDRAULIK SE;	DEVICE FOR AN ELECTROHYDRAULIC ADJUSTMENT OF A PITCH ANGLE OF ROTORBLADES ON A ROTOR OF A WIND TURBINE
EP2392820 A1 20111207	ES20090000227;W O2010ES00014;	F03D009/00; F03D009/02;	UNIV MADRID POLITECNICA;	PLANT FOR EXPLOITING WIND ENERGY USING COMPRESSED AIR
EP2394051 A2 20111214	DK20090000172;U S20090150174P;W O2009EP67759;	F03D001/00;	VESTAS WIND SYS AS;	WIND TURBINE HAVING POWER ELECTRONICS IN THE NACELLE
EP2394052 A1 20111214	CA20082643587;W O2009CA01640;	F03D001/06; F03B003/12; F03D003/06;	ORGANOWORLD INC;	TURBINE ANNULAR AXIAL ROTOR
EP2394053 A2 20111214	IT2008LI00002;IT2 008LI00002U;WO2 009IT00078;	F03D003/04; F03D001/04;	TEGLIA GIOVANNI;	WIND-OPERATED TORQUE GENERATOR FOR PRODUCING ELECTRIC POWER, DESIGNED TO BE INSTALLED ON TOP OF ROOF OF BOTH SLOPING AND FLAT TYPE
EP2394054 A1 20111214	WO2009EP00887;	H02J003/26; F03D009/00;	POWERWIND GMBH;	METHOD FOR FEEDING A MULTIPHASE ELECTRIC NETWORK AND ASSOCIATED CIRCUIT ARRANGEMENT



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EP2394136 A1 20111214	DE200910007938; WO2010EP00738;	F03D007/04; G01B011/16;	BAUMER INNOTEC AG;	MEASURING DEVICE FOR MEASURING DEFORMATIONS OF ELASTICALLY DEFORMABLE OBJECTS
EP2395232 A1 20111214	RU20090103828;W O2009RU00748;	F03D003/00; F03B003/00;	JOINT STOCK COMPANY SCIENT RES INST OF ENERGY STRUCTURES JSC NIIES;	LOW-HEAD ORTHOGONAL TURBINE
EP2395233 A2 20111214	US20100797159;	F03D001/00;	GEN ELECTRIC;	CONFIGURATION OF A WIND TURBINE NACELLE FOR TRANSPORTATION
EP2395235 A2 20111214	DE201010017343;	F03D001/04;	PORSCHE AG;	WIND TURBINE WITH A DROP SHAPED HOUSING
EP2395320 A1 20111214	DE201010023250;	G01B021/32; F03D011/00;	BAUMER INNOTEC AG;	MEASURING DEVICE FOR MEASURING DEFORMATIONS OF ELASTICALLY DEFORMABLE OBJECTS
EP2396537 A2 20111221	DE200910008870; WO2010EP00754;	F03D001/00;	ZUEBLIN AG;	APPARATUS AND METHOD FOR PRODUCING OFFSHORE WIND ENERGY PLANTS
EP2396541 A2 20111221	DE200910009039; WO2010DE00171;	F03D011/00; F03D001/06; F03D007/02;	BUSCH DIETER & CO PRUEFTECH;	WIND TURBINE COMPRISING MONITORING SENSORS
EP2399027 A1 20111228	WO2009US34263;	F03D011/00; F03D007/02; F03D001/06;	ECOLOGICAL ENERGY COMPANY;	WIND TURBINE AND METHOD OF OPERATING SAME
EP2400149 A1 20111228	WO2009ES70029;	H02P009/08; F03D007/02;	GAMESA INNOVATION & TECH SL;	METHOD AND APPARATUS FOR POWERING A WIND TURBINE
EP2400153 A2 20111228	US20100821909;	F03D011/00; F03D011/04;	GEN ELECTRIC;	METHODS AND SYSTEMS FOR OPERATING A WIND TURBINE

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EP2400154 A2 20111228	US20100824516;	F03D007/00; F03D011/00;	GEN ELECTRIC;	METHOD AND SYSTEM FOR UTILIZING ROTORSPEED ACCELERATION TO DETECTASYMMETRIC ICING
EP2400656 A2 20111228	US20100826023;	H02P025/18; H02P009/02;	GEN ELECTRIC;	METHOD FOR OPERATING A WIND TURBINE, COIL ARRANGEMENT FOR AN ELECTRICMACHINE, AND CONTROLLER FOR A WIND TURBINE
ES1075018U U 20110713	ES20100030889U;	F03D011/04;	FORTE ORTEGA FRANCISCO JAVIE;	TORRE OPTIMIZADA PARA MINIAEROGENERADORES
ES1075238U U 20110824	ES20110030669U;	H02J007/02;	AL MAAMARY HILAL BIN MARHOON S;	UNIDAD HIBRIDA EOLICA Y FOTOVOLTAICA PARA GENERAR ENERGIA ELECTRICA
ES1075540U U 20111027	ES20110000547U;	F03D009/02;	VEGA GARCIA JERONIMO;	AEROGENERADOR DE ARISTA PARA EL APROVECHANIENTO DE LA ENERGIA EOLICA
ES1075900U U 20111222	ES20110000698U;	F03D003/00; F03D011/02;	IND TECHNOFLEX SA;	AEROGENERADOR DE EJE VERTICAL, PERFECCIONADO
ES2362295 A1 20110701	ES20110030920;	F03D003/02;	PALACIOS PRIETO ANGEL;	MOTOR DE VIENTO.
ES2362395T T3 20110704	EP20070075909;	F03D001/06; F03D011/02;	ACTIFLOW B V;	TURBINA EOLICA CON CONTROL DE CAPA LIMITE.
ES2362459T T3 20110705	EP20080075047;	F03D011/00; F03D011/02;	GAMESA INNOVATION & TECH SL;GAMESAINNOVATION & TECH SL;HANSEN TRANSMISSIONS INT;HANSEN TRANSMISSIONS INT;	UNIDAD DE ENGRANAJES PARA UNA TURBINA EOLICA.

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ES2362526 A1 20110707	ES20090000768;	F03D001/00;	AVILA ESPIGARES JOSE ANTONIO;OLEO PORCEL FRANCISCO;	TORRE ANDAMIO, REPARADORA - LIMPIADORA PARA AEROGENERADORES EOLICOS.
ES2362730T T3 20110712	FR20030000172;	F03D001/00; F03D011/04; E02B017/00;	SAIPEM SA;	PROCEDIMIENTO DE INSTALACION EN EL MAR DE UN AEROGENERADOR.
ES2362760 A1 20110713	ES20080003301;	F24F012/00; F03D001/04; F03D009/00; E04F017/04;	PLAZA PASCUAL ROBERTO;	GENERADOR DE ENERGIA ELECTRICA.
ES2363133T T3 20110721	DE20031003617;	F01D001/06; F01D005/04; F01D005/14; F01D001/22; F03B013/04; F01D015/06; F03D009/00;	GAT GES FUR ANTRIEBSTECHNIK MBH;GAT GMBH;	RUEDA DE TURBINA PARA EL ACCIONAMIENTO DE HERRAMIENTAS QUE GIRAN RAPIDAMENTE.
ES2363168T T3 20110722	DE200610040929;	F03D007/04; F03D009/00; F03D009/02; F03D011/02; F03D007/02;	NORDEX ENERGY GMBH;	PROCEDIMIENTO PARA EL FUNCIONAMIENTO DE UNA INSTALACION DE ENERGIA EOLICA CON UN ALTERNADOR SINCRONICO Y UN ENGRANAJE DE SUPERPOSICION.
ES2363170T T3 20110722	DE200710031065;	F03D011/04; E04H012/16;	NORDEX ENERGY GMBH;	TORRE DE PLANTA DE ENERGIA EOLICA.
ES2363323 A1 20110729	ES20110031102;	F03D009/00; F03D011/00; B60K016/00; B60L008/00;	RAMOS MARTINEZ MANUEL;	VEHICULO
ES2363528 A1 20110808	ES20100000094;	G09B025/00; F03D001/00;	SALVAMENTO E CONTRA INCENDIOS S L;	UNIDAD MOVIL DE SIMULADOR DE GENERADOR EOLICO PARA FORMACION DE PERSONAL DE SERVICIO.

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ES2363615 A1 20110810	ES20080000580;	F03D001/06;	GAMESA INNOVATION & TECH SL;	PALA PARA AEROGENERADORES
ES2364031T T3 20110823	ES20070000850;	B65D090/00; B65D088/00; B60P003/40; B65D085/68; B65D088/60; F03D001/00; B65D088/12;	GAMESA INNOVATION AND TECHNOLOGY S L;	SOPORTE PARA EL TRANSPORTE DE PALAS.
ES2364206 A1 20110829	ES20080001499;	F03D009/00; H02P009/00;	ENDESA GENERACION S A;	SISTEMA Y METODO DE CONTROL Y REGULACION DE VELOCIDAD PARA GRUPOSHIDRAULICOS TIPO PELTON, ASI COMO CENTRALES EOLICO HIDRAULICAS QUE INCORPORAN ESTE SISTEMA.
ES2364258 A1 20110830	ES20080000641;	F03D001/06;	TORRES MARTINEZ M;	SISTEMA DE UNION DE TRAMOS DE PALAS DE AEROGENERADOR
ES2364319T T3 20110831	DK20070001842;	F03D011/02; F16H001/28;	VESTAS WIND SYS AS;	ETAPA DE ENGRANAJES EPICICLICOS PARA UNA CAJA DE ENGRANAJES DE TURBINA EOLICA, CAJA DE ENGRANAJES DE TURBINA EOLICA Y TURBINA EOLICA.
ES2365148 A1 20110923	ES20090001938;	B60K016/00; F03D009/00; B60L008/00;	DE LA CRUZ BLAZQUEZ JULIO;	SISTEMA DE TRANSPORTE ELECTRICO AUTOSUFICIENTE.
ES2365296 A1 20110928	ES20090001128;	F03D007/02;	IGLESIA TARRUELLA CESAR;	MOTOR EOLICO A VELOCIDAD CONSTANTE.

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ES2365395T T3 20111003	DE20021042707;	F03D009/00; F03D011/02; H02K007/0116; H02K007/18;	AERODYN ENG GMBH;	INSTALACION DE ENERGIA EOLICA CON SISTEMA CONCENTRICO DE TRANSMISION YGENERADOR.
ES2367065 A1 20111028	ES20080002585;	B08B001/04; F03D001/00;	MORCILLO ADAN MIGUEL ANGEL;	SISTEMA DE MANTENIMIENTO PREVENTIVO Y LIMPIEZA AUTOMATICA DE LA PALADE UN AEROGENERADOR EOLICO.
ES2367933 A1 20111111	ES20080000996;	F03D001/06;	GAMESA INNOVATION & TECH SL;	EXTENSOR DE LA RAIZ DE PALA.
ES2368246T T3 20111115	DK20040002017;	F03D011/00; F03D001/06;	LM GLASFIBER AS;	UNA PALA DE TURBINA EOLICA EQUIPADA CON MEDIOS DE RECOGIDA.
ES2369304 A1 20111129	ES20110031627;	E04H012/20; F03D001/00; E04H012/08; F03D011/04; E04H012/12;	PREFABRICADOS Y POSTES DE HORMIGON S A;	BASAMENTO DE REFUERZO PARA FUSTES DE TORRES EOLICAS.
ES2369436 A1 20111130	ES20080001009;	F03D009/00; F03D011/00; H02K007/18;	TORRES DISENOS IND S A UNIPERSONAL M;TORRES MARTINEZ M;TORRES OLVEGA IND S L M;	ESTRUCTURA DE SOPORTE E INTERCAMBIO DE CALOR DEL ESTATOR ELECTRICO DEUN AEROGENERADOR.
ES2369442 A1 20111130	ES20080001927;	F03D001/06; B29C070/68;	GAMESA INNOVATION & TECH SL;	INSERTO DE PALA Y METODO DE COLOCACION DE INSERTOS EN EL LAMINADO DEUNA PALA.
ES2370073T T3 20111212	DE200620016813U ;	F03D011/00; F16C019/49;	IMO HOLDING GMBH;	DISPOSICION DE RODAMIENTOS.
ES2370420T T3 20111215	US20050698720P;	F16H007/02; F03D009/00; F03D001/06;	HAMILTON SUNDSTRAND CORP;	TURBINA EOLICA CON REVESTIMIENTO DE SOPORTE DE CARGA.

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ES2370542 A1 20111219	ES20080002412;	F16C019/49; F16C019/18;	IMO HOLDING GMBH;	DISPOSICION DE RODAMIENTO.
ES2370713 A1 20111222	ES20080001010;	F03D011/02;	TORRES DISENOS IND S A UNIPERSONAL M;TORRES MARTINEZ M;TORRES OLVEGA IND S L M;	TRANSMISION DE ACCIONAMIENTO ENTRE EL EJE MOTRIZ Y EL GENERADORELECTRICO DE UN AEROGENERADOR.
FI20105594 A 20111127	FI20100005594;		METECO OY;	LAPA JA MENETELMÄN SEN VALMISTAMISEKSIBLAD OCH FÄÄRFARANDE FÄÄR FRAMSTÄLLNING AV DETTA
FI9435U U1 20111026	FI20110000001U;	F03D007/06; F03D003/02;	KEIKKO HEIMO OLAVI;	TUULITURBIINIPARIVINDTURBINPAR
FR2955363 A3 20110722	FR20100000221;	F03B007/00; F03D003/06; F03B013/22; F03B013/26;	CARVAL PIERRE;	DEVICE FOR IMPROVING PERFORMANCES OF SAVONIUS TYPE TURBINE OR PANEMONE TYPE TURBINE IMMERSED IN E.G. RIVER, HAS ARTICULATED BLADES ORIENTED ALONG DIRECTION OF CURRENT AND AUTOMATICALLY SUPPORTED ON ABUTMENTS
FR2955624 A1 20110729	FR20100000329;	F03D001/04;	REBOURS JEAN FRANCOIS;	HORIZONTAL AXIS WIND TURBINE FOR PRODUCTION OF WIND ENERGY, HAS MAINFAIRING STRUCTURE EQUIPPED WITH FIXED AND INCLINED DEFLECTORS THAT ARE DESIGNED IN SHAPE OF STAR, AND ARM FOR RECEIVING SEMI-CYLINDRICAL SHAPED FIXED AND INCLINED BLADE
FR2955625 A1 20110729	FR20100050551;	F03D003/04;	OKWIND;	EOLIENNE A VENTURI MULTIPLE

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FR2955626 A1 20110729	FR20100000304;	G09F019/02; G09F013/04; F03D009/00; F03D003/06;	PENET FLORENT JEAN BAPTISTE OLIVIER;	PANEMONE WIND TURBINE FOR USE AS ADVERTISEMENT DISPLAY MEDIUM IN URBANENVIRONMENT, HAS ROTOR MOVABLE AROUND MAIN ROTATIONAL AXIS, AND LOWER AND UPPER BLADE SUPPORTS AND CONNECTION SHAFTS CONSTITUTING SELF-SUPPORTING RIGID STRUCTURE
FR2955627 A1 20110729	FR20100003366;	F03D009/00; F03D011/04; A63H027/08;	BENHAIEM PIERRE;	DEVICE FOR CONVERTING WIND ENERGY INTO ELECTRIC ENERGY TO CHARGE E.G.BATTERY OF PORTABLE COMPUTER IN OFFICE, HAS CONTROLLABLE KITE EQUIPPED WITH CORDS, WHERE TENSION OF CORDS COMPENSATES WEIGHT OF EMBARKED MATERIAL VIA POSTS
FR2956168 A1 20110812	FR20100000509;	F03B011/00; F03D011/00;	LE STER GERARD ANTOINE MARIE;	DEVICE FOR RECOVERING FLUID TO IMPROVE EFFICIENCY OF E.G. VERTICALAXIS WIND MILL UTILIZED TO PRODUCE ELECTRIC ENERGY, HAS EXTENSION EXTENDED FROM DEGREES OF PROTECTIVE CASING , WHERE CASING PROTECTS WINDING OF HOLLOW BLADES FROM FLUID
FR2956531 A1 20110819	FR20100051181;	H02J007/02; F03D009/02;	VERGNET SA;	WIND TURBINE FOR POWER GENERATION IN ISLAND SITES, HAS CONVERTERREGULATING CHARGE AND/OR DISCHARGE THAT ARE DETERMINED BASED ON SIGNAL REPRESENTING DIFFERENCE BETWEEN MINIMUM FREQUENCY IN MEMORY AND SIGNAL REPRESENTING MEASURED FREQUENCY
FR2956532 A1 20110819	FR20100051182;	F03D009/02; H02J007/02;	VERGNET SA;	WIND TURBINE FOR ELECTRICITY GENERATION IN ISLAND SITES, HAS CONVERTERREGULATING CHARGE AND/OR DISCHARGE DETERMINED BASED ON SIGNAL REPRESENTING DIFFERENCE BETWEEN MINIMUM FREQUENCY IN MEMORY AND SIGNAL REPRESENTING MEASURED FREQUENCY

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FR2956665 A1 20110826	FR20100000758;	F03D011/00; C08L053/00; C08L063/00; C09J167/04; C09J153/00; C09J163/00; C09J147/00; C08L067/04; C08L047/00;	CRAY VALLEY SA;	COMPOSITIONS THERMODURCISSABLES COMPRENANT UN ADDITIF DE RENFORCEMENT AUX CHOCS
FR2956880 A1 20110902	FR20100051469;	F03D005/04;	JULLIAND LIONEL;	WIND POWER PLANT FOR PRODUCING ELECTRIC ENERGY, HAS COUNTER-TRACKS PROVIDED WITH ROLLING SURFACES INCLINED WITH RESPECT TO HORIZONTAL PLANES SUCH THAT ROTATIONAL PLANES OF ANTI-REVERSING WHEELS FORM ANGLE WITH RESPECT TO HORIZONTAL PLANES
FR2956881 A1 20110902	FR20100000802;	F03D007/04;	VERGNET SA;	CHANGING ANGLE CONTROLLING-ORDERING SYSTEM FOR BLADES OF WIND TURBINE I.E. AEROGENERATOR TYPE WIND TURBINE, CONNECTED TO ELECTRIC NETWORK, HAS CONTACTOR CLOSURE ARRANGED FOR STOPPING FUNCTIONING OF VARIATOR
FR2957387 A1 20110916	FR20100051698;	F03D003/06; F03D011/00;	GROS-DUBOIS ERICK;	WIND TURBINE BLADE FOR AEROFOIL OF WIND TURBINE, HAS DEFLECTION DEVICE WHOSE DEFLECTION AND GUIDANCE WALLS ARE EXTENDED ALONG AIR EJECTION DIRECTION PRESENTING COMPONENT TURNED CONTRARY TO REAR FACE OF BLADE
FR2957388 A1 20110916	FR20100001023;	F03G006/04; F03D001/00; F03G006/06; A01G009/24; C02F001/14;	D ESSERTAUX JEAN MARIE;	SOLAR CHIMNEY FOR E.G. PRODUCING ELECTRICITY, COMPRISES SOLAR AIR COLLECTOR, ENVELOPE OF COLLECTOR, SYSTEM FOR RECOVERING CONDENSATION WATER, WATER DIFFUSERS, RESERVOIR, DEVICE FOR EVAPORATING WATER, WATER PUMP, AND ANTI-FOG SYSTEM



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FR2958692 A1 20111014	FR20100052810;	F03B017/06; F03D003/06; F03B007/00; F03B013/10;	MOURIER FREDERIC;NATTIER CLEMENT;	AGENCEMENT DE PALES D'UN MOBILE TOURNANT TEL QU'UNE HYDROLIENNE
FR2959281 A1 20111028	FR20100001762;	F03B017/06; F03B007/00; F03D011/00; F03D001/06;	ECHEVARRIA PHILIPPE;	DEVICE FOR INCREASING ROTATIONAL SPEED OF INTRA-ANIMATED ROTATIONPROPELLER OR TURBINE OF WINDMILL TO GENERATE ELECTRICITY FOR E.G. AIRCRAFT, HAS AIR OUTLET FORMED AT END OF BLADE TO DISCHARGE AIR FOR EXERTING NATURAL PRESSURE ON PROPELLER
FR2959523 A1 20111104	FR20100001866;	F16M013/02; F16C011/00; F03D011/04; E04H012/18; F03D003/00; H02K007/18; F16B002/06;	MARTINE CHRISTOPHE;	SUPPORTING DEVICE FOR USE ON VERTICAL POST TO SUPPORT E.G. DECORATIONELEMENT, HAS RING IMMOBILIZING UNIT ARRANGED IN CONFIGURATION SUCH THAT ROTATION AXIS COINCIDES WITH DIRECTION OF VERTICAL POST
FR2960032 A1 20111118	FR20100002058;	F03D011/04; F03D003/00;	GUILLO ROBERT;	VERTICAL AXIS WIND TURBINE FOR USE AT E.G. SUBURBAN ZONE TO CONVERTWIND ENERGY INTO ELECTRIC/MECHANICAL POWER, HAS UPPER PLATE INTEGRATED TO CAP THAT ROTATES ON UPPER END OF FIXED MAST, AND VERTICAL CONCAVE BLADES INTEGRATED TO PLATES
GB2476723 A 20110706	KR20090134226;	F03D001/04; F03D009/00; F03D001/02; F03D011/04;	CHOI HAE-YONG;CHOI JIN-HYUN;	WIND POWER GENERATION SYSTEM
GB2476769 A 20110706	GB20080018610;W O2009EP63174;	F03D011/00; F03D001/06; F03D009/00;	SWAY TURBINE AS;	WIND TURBINE ROTOR AND WIND TURBINE

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GB2476790 A 20110713	GB20090021094;	F16H039/02; F16H061/0444; F03B017/06; F16H061/44; F03B011/00; F03D011/02;	STATOIL ASA;	HYDRAULIC TRANSMISSION SYSTEM FOR WIND OR WATER TURBINES
GB2476801 A 20110713	GB20100000199;	F03D001/06; F15D001/12;	REDCLIFFE STEPHEN MARTIN;	SURFACE FEATURES FOR INCREASING THE EFFICIENCY OF WIND TURBINEFLETTNER ROTORS.
GB2476814 A 20110713	GB20100000273;	F03D009/00; F03D003/06; F03D003/00;	ATANASOV DIMITAR IVANOV;	WIND TURBINE ASSOCIATED WITH HEAT PUMP
GB2476830 A 20110713	GB20100000388;	F03D011/04; F03D003/00;	BENNETT PAUL;	VERTICAL AXIS WIND POWERED GENERATOR
GB2477222 A 20110727	GB20100014120;	F03D009/02;	DEMETRIOU DEMETRIOS CHRISTOU;	A TRANSMISSION UNIT
GB2477472 A 20110803	SE20090050021;W O2009SE51437;	F03D011/00; F03D003/06; F03D011/04;	VERTICAL WIND AB;	A WIND POWER UNIT
GB2477509 A 20110810	GB20100001749;	F03D003/06; F03B017/06; F03D011/00;	ROLLS ROYCE PLC;	A VERTICAL AXIS TURBINE FOIL STRUCTURE WITH SURFACE FLUID TRANSFEROPENINGS
GB2477594 A 20110810	GB20100020002;	F03D007/04;	MOOG INSENSYS LTD;	WIND TURBINE ROTOR BLADES
GB2477750 A 20110817	GB20100002277;	F03D003/06; F03D003/02; F03D003/00; F03D001/02;	GLOBAL WIND IND LTD;	COMBINED VERTICAL AND HORIZONTAL AXIS WIND GENERATOR
GB2477824 A 20110817	WO2010SG00314;	F03D003/00; F03D003/04;	VAZ GUY ANDREW;	VERTICAL AXIS TURBINE
GB2477847 A 20110817	GB20100002249;	F03D003/06; F03D001/06;	WALTERS ALBERT EDWARD DAVID;	WIND TURBINE BLADE WITH CONNECTING ELEMENTS

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GB2477968 A 20110824	GB20100002904;	F03D007/00; G01P021/02; F03D011/00;	VESTAS WIND SYS AS;	METHOD OF OPERATING A WIND TURBINE TO PROVIDE A CORRECTED POWER CURVE
GB2477970 A 20110824	GB20100002907;	G01R031/12;	VESTAS WIND SYS AS;	OPTICAL ELECTRICAL FAULT DETECTION SYSTEM FOR A WIND ENERGY POWER PLANT ELECTRICAL CABINET
GB2477997 A 20110824	GB20100003000;	F04B001/06; F04B049/06; F04B007/00; F03D011/02;	ARTEMIS INTELLIGENT POWER LTD;	METHOD FOR OPERATING A FLUID WORKING MACHINE BASED ON SUITABILITY OF CYLINDERS TO DELIVER FLUID
GB2478052 A 20110824	DE201010002059;	F03D011/00; F16D001/05; G01M013/02;	RENK AG;	COUPLING ARRANGEMENT HAVING AN ACTUATOR
GB2478056 A 20110824	GB20100002938;	F03D007/02; F03D003/00; F03D011/00;	HARGREAVES BERNARD JAMES;	FLUID POWERED GENERATOR WITH ADDITIONAL IMPULSE DEVICE
GB2478218 A 20110831	GB20110008695;	F03B013/26; F03B017/06; F03D009/00;	O'DONNELL JAMES;	INTEGRATED OFFSHORE WIND AND TIDAL POWER SYSTEM
GB2478357 A 20110907	GB20100003686;	F03D001/06; F03D011/00;	MOOG INSENSYS LTD;	MONITORING THE STRUCTURAL INTEGRITY OF A WIND TURBINE BLADE
GB2478600 A 20110914	GB20100004162;	G01D005/28; F03D011/00; G01M005/00; G01M009/06; G01P013/00; G01H009/00; G01B009/02; G01D005/26; G01M011/08; F03D007/00;	VESTAS WIND SYS AS;	A WIND ENERGY POWER PLANT OPTICAL VIBRATION SENSOR

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GB2479380 A 20111012	GB20100005797;	F03D001/06; F03B003/14; F03D007/02; F03D011/00;	BLADE DYNAMICS LTD;	WIND OR WATER TURBINE ROTOR
GB2479403 A 20111012	GB20100005917;	F03D009/00; F03D001/06;	SWAY AS;SWAY TURBINE AS;	WIND TURBINE ROTOR AND BLADE MOUNTING ARRANGEMENT FOR WIND TURBINE
GB2479407 A 20111012	GB20100005942;	F03D009/00; F03D001/06;	SWAY AS;SWAY TURBINE AS;	WIND TURBINE WITH BEARING ARRANGEMENTS TO TRANSMIT BENDING MOMENTS FROM BLADES TO SHAFT
GB2479413 A 20111012	GB20100005985;	F03D007/04; F03D007/02;	VESTAS WIND SYS AS;	WIND TURBINE INDEPENDENT BLADE CONTROL OUTSIDE THE RATED OUTPUT
GB2479415 A 20111012	GB20100005987;	F03D007/04; F03D007/02;	VESTAS WIND SYS AS;	WIND TURBINE INDEPENDENT BLADE CONTROL OUTSIDE THE RATED OUTPUT
GB2479517 A 20111012	NO20090000625;W O2010NO00047;	F03D011/04;	NEDREBO YVIND;	OFFSHORE WIND TURBINE
GB2479875 A 20111102	GB20100006960;	F03D001/06; F03D003/06;	LEIGH WARREN BARRATT;	CORRUGATED INTERNAL STRUCTURAL BODY COMPONENT FOR AN AIRFOIL, EG A WIND TURBINE BLADE
GB2479889 A 20111102	GB20100007003;	F03D007/06; F03D011/04; F03D003/02;	BUTKUS JOHN;EVANS ROBERT;	STACKABLE MODULAR WIND TURBINE FOR GENERATING ELECTRICAL POWER
GB2479923 A 20111102	GB20100007184;	F03D011/00; G01M005/00; F03D007/00; F03D007/02; G01B021/22; G01B021/32; F03D007/06;	VESTAS WIND SYS AS;	A METHOD AND SYSTEM FOR DETECTING ANGULAR DEFLECTION IN A WIND TURBINE BLADE, OR COMPONENT, OR BETWEEN WIND TURBINE COMPONENTS
GB2480064 A 20111109	GB20100007403;	H01Q017/00; F03D011/00; B32B033/00;	VESTAS WIND SYS AS;	RAM PANEL ARRANGEMENTS FOR A WIND TURBINE TOWER

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GB2480446 A 20111123	GB20100008222;	F03D003/04; F03B017/06;	WILSON ALLAN HOWARD;	WIND OR WATER TURBINE
GB2480683 A 20111130	GB20100009012;	F16H061/4148; F16H061/0431; F16H061/0421; F03D009/00; F16H061/4035; F16H061/0475; F03D007/02;	ARTEMIS INTELLIGENT POWER LTD;MITSUBISHI HEAVY IND LTD;	A METHOD AND APPARATUS FOR OPERATING A RENEWABLE ENERGY EXTRACTIONDEVICE
GB2480684 A 20111130	GB20100009013;	F16H061/4035; F03D009/00; F16H061/0421; F16H061/0431; F16H061/0475; F03D007/02; F16H061/4148;	ARTEMIS INTELLIGENT POWER LTD;MITSUBISHI HEAVY IND LTD;	A METHOD AND APPARATUS FOR OPERATING A RENEWABLE ENERGY EXTRACTIONDEVICE
GB2480701 A 20111130	US20100349834P;	F03D011/00; G01S017/58; F03D007/02; G01S017/95; G01P005/26; G01P013/00;	VESTAS WIND SYS AS;	METHOD AND APPARATUS FOR OPTICALLY MEASURING WIND VELOCITY
GB2480848 A 20111207	GB20100009309;	F03G007/08; F03D011/00;	PERPETUUM LTD;	TANGENTIAL ELECTROMECHANICAL GENERATOR FOR WIND TURBINE BLADE
GB2481033 A 20111214	GB20100009611;	H02J007/32; F03D009/02;	LENNEY ROBERT JOHN;	WIND TURBINE WITH BATTERY-POWERED MOTOR TO ASSIST THE ROTOR IN LOWWIND CONDITIONS
GB2481046 A 20111214	GB20100009678;	B29C070/30; F03D001/06; B29C033/56;	VESTAS WIND SYS AS;	METHOD FOR PRODUCING A WIND TURBINE COMPONENT USING A WATER-BASEDCOATING COMPOUND
GB2481244 A 20111221	GB20100010222;	F03B013/18; F03D003/04; F03D001/04;	WILSON RONALD DAVENPORT;	POWER GENERATOR UTILISING FLUID COLLECTED VIA A CORRIDOR

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GB2481258 A 20111221	GB20100010325;	E02B017/00; F03D011/04; F03D001/00; B63B035/00;	CHAMBERS PETER RONALD;	A SUBMERSIBLE DYNAMIC FLOATATION TANK MOUNTABLE TO A BASE OF AN OFFSHORE WIND TURBINE ASSEMBLY
GB2481397 A 20111228	GB20100010400;	F03D007/02;	VESTAS WIND SYS AS;	ESTIMATION OF WIND CONDITIONS AT A WIND TURBINE
GB2481415 A 20111228	GB20100010498;	F03D001/06; F03D011/00; F03D003/06;	VESTAS WIND SYS AS;	WIND TURBINE BLADE DE-ICING SYSTEM BASED ON SHELL DISTORTION
GB2481416 A 20111228	GB20100010499;	F03D011/00; F03D001/06; F03D003/06;	VESTAS WIND SYS AS;	WIND TURBINE BLADE DE-ICING SYSTEM BASED ON SHELL DISTORTION
GB2481418 A 20111228	GB20100010503;	F03D011/04; E04H012/18;	TRADEWIND TURBINES LTD;	FOLDING MAST
GB2481461 A 20111228	US20100356857P;	F03D007/02;	VESTAS WIND SYS AS;	CONTROL OF A DOWNSTREAM WIND TURBINE IN A WIND PARK BY SENSING THE WAKE TURBULENCE OF AN UPSTREAM TURBINE
GEP20115271 B 20110825	GEAP20009011182 ;	F03D005/06;		TURBINE
GR1007386 B 20110906	GR20100100270;	F03D007/06; F03G007/10; F03B013/14; F03D003/06;	PROTOPSALTIS DIMITRIOS;	SEA- OR LAND-BASED COMPLEX OF RENEWABLE ENERGY SOURCES
GR1007396 B 20110915	GR20100100146;	F03G006/04; F03D009/00; F03D001/04;	VASSARAS KONSTANTINOS ALEXANDROU;	ENERGETIC BAROMETRIC EOLIC DUCT
GR1007407 B 20110922	GR20100100243;	F03D003/06; F03D003/00; F03D009/00;	KOSTALAS DIMITRIOS;	MOTOR FOR WIND GENERATORS, ARRAY OF WIND GENERATORS, TRANSMISSION OF MOTION TO WIND GENERATORS

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GR1007451 B 20111107	GR20100100737;	F03D007/02; F03D007/04;	BOURLIS DIMITRIOS CHRISTOU;	METHOD FOR CONTROLLING THE POWER OF STALL REGULATED VARIABLE SPEEDWIND TURBINES.
GR20090100684 A 20110714	GR20090100684;	F03D007/06; F03D003/06;	KAKALIAGKOS APOSTOLOS IOANNI;	WIND GENERATOR WITH ARTICULATED BLADES
GR20100100091 A 20110916	GR20100100091;	F03D003/00;	PAPASIDERIS ATHANASIOS NIKOLAOU;	PAIR OF VERTICAL-SHAFT WIND GENERATORS
HR20090486 A2 20111231	HR20090000486;	F03D003/04; F03D001/04;	POLLAK MARIJAN;	TURBINE FOR USING WIND KINETIC ENERGY WITHIN ITS PROPRIETARYCONSTRUCTION
HR20100151 A2 20110930	HR20100000151;	F03D005/06;	ST ARC D O O;	SWING WING LIKE THE DRIVE FOR WINDGENERATOR
HR20100185 A2 20111031	HR20100000185;	F03D003/00;	KRALJEVIC DENIS;	VERTICAL AXIS WIND MECHANICAL SAIL POWER
HU0900670 A2 20110829	HU20090000670;	F03D001/00;	LASZLO LAJOS;MOLNAR LASZLO;	NOISELESS, VERTICAL AXIS WIND GENERATOR
HU0900732 A2 20110829	HU20090000732;	F03D003/00; F03D003/06;	SZIMEONOV TODOR;	VERTICAL AXIS WIND MOTOR
HU0900744 A2 20110829	HU20090000744;	F03D003/04;	POLGAR MIHALY;	WIND TUNNEL FOR AIR CLEANING
HU1000041 A2 20110829	HU20100000041;	F03D001/00;	NEMES MARTON;	COVER FOR VERTICAL SHAFT WIND POWER PLANT

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IE20090973 A2 20111109	IE20090000973;	F03D011/00;	C & F TOOLING LTD;	A WIND TURBINE BLADE ASSEMBLY
IE20100042 A1 20110803	IE20100000042;	F03D011/00;	ROHAN PASCAL;	DEEP WATER ELECTRICITY PRODUCTION
IL194842 A 20110831	WO2006IT00343;		KITE GEN RES S R L;	SYSTEM AND PROCESS FOR AUTOMATICALLY CONTROLLING THE FLIGHT OF POWERWING AIRFOILS
JP2011132824 A 20110707	JP20090290660;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE BLADE AND WIND TURBINE GENERATOR USING THE SAME
JP2011132847 A 20110707	JP20090291681;	F03D003/02; F03D003/06;	TAKEHANA ITSUO;	VERTICAL SHAFT TYPE MULTISTORY IMPELLER DEVICE
JP2011132858 A 20110707	JP20090292102;	F03D011/00; F03D001/06;	E & E KK;	WIND TURBINE FOR HORIZONTAL SHAFT TYPE WIND POWER GENERATION DEVICE
JP2011132859 A 20110707	JP20090292103;	F03D001/06; F03D011/04;	E & E KK;	HORIZONTAL SHAFT TYPE WIND POWER GENERATION DEVICE
JP2011132929 A 20110707	JP20090295217;	F03D003/06; F03D011/04;	WIND SMILE KK;	VERTICAL SHAFT WINDMILL
JP2011132938 A 20110707	JP20090299538;	F03D003/02; F03D003/06;	KITAGAWA MITSUNORI;	VERTICAL TWO-STEP WINDMILL



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JP2011132961 A 20110707	EP20090015864;	F03D007/00; G01P003/44;	SIEMENS AG;	SYSTEM AND METHOD FOR TRIGGERING EMERGENCY SYSTEM OF WIND TURBINE,WIND TURBINE, COMPUTER PROGRAM AND COMPUTER READABLE RECORD MEDIUM
JP2011136432 A 20110714	JP20090296149;	F03D011/00; B29C070/06;	MITSUBISHI HEAVY IND LTD;	DEVICE FOR LAMINATING REINFORCEMENT FIBER BASE MATERIAL AND METHOD FORLAMINATING THE SAME
JP2011137365 A 20110714	EP20090180845;	E02D027/32; E02D027/12; F03D011/04; E02D027/52; E02D027/42;	KYOWA CO LTD;SUMITOMO CORP;	METHOD FOR CONSTRUCTING FOUNDATION STRUCTURE FOR WIND POWER GENERATIONSYSTEM
JP2011137366 A 20110714	EP20090180856;	F03D011/04; E02B003/00;	KYOWA CO LTD;SUMITOMO CORP;	METHOD FOR PLANARIZING UNEVENNESS OF SEABED
JP2011137386 A 20110714	JP20090296146;	F03D001/06; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE ROTOR BLADE AND METHOD OF MANUFACTURING WIND TURBINEROTOR BLADE
JP2011137388 A 20110714	JP20090296152;	F03D001/06; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE ROTOR BLADE
JP2011137391 A 20110714	JP20090296159;	F03D001/06; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE ROTOR BLADE
JP2011137393 A 20110714	JP20090296668;	F03D007/04; F03D009/00;	HITACHI LTD;	WIND POWER GENERATION SYSTEM

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JP2011140885 A 20110721	JP20100000743;	F03D009/00; F03D011/04; F03D001/04; F03D009/02; F03D001/06;	NOHARA TOYOMI;	WIND TURBINE GENERATOR
JP2011140887 A 20110721	JP20100000826;	F03D001/04;	KOKUSAI SHIGEN KATSUYO KYOKAI;	WIND COLLECTING TYPE WIND TURBINE
JP2011140935 A 20110721	JP20100017421;	F03D001/06; F03D009/00; F03D001/02; F03D001/04; F03D007/04;	KATO MASAHARU;	ONBOARD WIND POWER GENERATOR
JP2011144532 A 20110728	JP20100004661;	E02D029/09;	JFE ENG CORP;	JACKET INSTALLATION METHOD
JP2011144775 A 20110728	JP20100007686;	F03D001/04; F03D001/02;	TAKAHASHI SANAE;	WIND-COLLECTING/WIND TURBINE GENERATOR
JP2011144793 A 20110728	JP20100020709;	B60K001/04; F03D009/00;	SUGIMURA YOSHIAKI;	MOUNTED-TYPE WIND PRESSURE POWER GENERATION SYSTEM
JP2011144794 A 20110728	JP20100022543;	F03D009/00;	SHIGEI HARUO;	WIND TURBINE GENERATOR USING HEAD WIND TO BE GENERATED IN RESPONSE TO SPEED IN TRAVELLING OF VEHICLE AND SAILING OF SHIP
JP2011149410 A 20110804	JP20100013590;	F03D003/02; F03D003/06; F03D011/04;	NOAI KK;	WIND POWER GENERATOR
JP2011149412 A 20110804	JP20100028150;	F03D011/00;	SUGAWARA KUNIO;	PULL-DOWN CONDUCTOR INSTALLATION MECHANISM FOR WIND POWER GENERATOR

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JP2011149435 A 20110804	JP20110047388;	F03D011/00; F03D007/04;	TOKYO ELECTRIC POWER CO;	WIND POWER GENERATOR AND CONTROL PROGRAM FOR WIND POWER GENERATOR
JP2011149436 A 20110804	JP20110047391;	F03D011/00;	TOKYO ELECTRIC POWER CO;	BLADE STRUCTURE AND WIND POWER GENERATOR
JP2011153679 A 20110811	JP20100016271;	F03D011/00; F16C033/66;	IKEDA KAIDO;	HIGH-SPEED/HIGH PRESSURE-RESISTANT FREE ACTION BEARING, AND METHOD FORMANUFACTURING THE SAME
JP2011157865 A 20110818	JP20100019838;	F03D009/00; F03D003/04; B60K001/04;	SASAKI SATOSHI;	MOBILE WIND TURBINE GENERATOR
JP2011157950 A 20110818	JP20100035372;	F03D001/06;	FURUKAWA YUICHI;	VANE TO GIVE AND RECEIVE FLUID ENERGY
JP2011157951 A 20110818	JP20100035377;	F03D003/06; F03D007/06;	KATO YOSHIHARU;	FLOW FORCE POWER UNIT IN GAS PHASE AND LIQUID PHASE
JP2011159468 A 20110818	JP20100019250;	F24H001/10; F03D009/00; H05B006/02;	SUMITOMO ELECTRIC INDUSTRIES;	INDUCTION HEATING DEVICE, AND POWER GENERATION SYSTEM EQUIPPED WITHTHE SAME
JP2011159595 A 20110818	JP20100022465;	F03D009/00; H05B006/44; H05B006/10;	SUMITOMO ELECTRIC INDUSTRIES;	POWER GENERATION SYSTEM
JP2011160657 A 20110818	DE20001040273;	H02K016/04; F03D009/00; H02P009/02; H02P009/00;	WOBEN ALOYS;	WIND POWER PLANT

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JP2011163119 A 20110825	JP20100023023;	F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	DEVICE AND METHOD FOR POSITIONING HEAVY LOAD
JP2011163171 A 20110825	JP20100025185;	F03D009/00; F03D011/04;	ABE SEIJI;	SMALL WIND TURBINE GENERATOR MOUNTABLE TO WINDOW
JP2011163324 A 20110825	JP20100030458;	F03D001/06; F03D011/04;	JAPAN STEEL WORKS LTD;	ROTATIONAL POSITION ADJUSTING MECHANISM AND ROTATIONAL POSITIONADJUSTING METHOD
JP2011163334 A 20110825	JP20100043274;	F03D011/04; F03D003/06;	NASHIRO TETSUYA;	DOUBLE SHAFT FOR VERTICAL SHAFT WINDMILL, AND ASSEMBLING TYPE DISK FOR GENERATOR ACCELERATION
JP2011163347 A 20110825	EP20100001532;	F03D011/00;	SIEMENS AG;	MOLD FOR MANUFACTURING COMPOSITE MEMBER INCLUDING AT LEAST ONE FIBER REINFORCED MATRIX
JP2011163349 A 20110825	JP20110089407;	F03D001/06; F03D011/00;	BELLISION KK;	BLADE FOR HORIZONTAL SHAFT WINDMILL
JP2011163352 A 20110825	JP20110125300;	F03D007/04;	TOSHIBA CORP;	CONTROL METHOD FOR WIND POWER GENERATION SYSTEM
JP2011163420 A 20110825	JP20100025962;	F16C035/73; F16C019/36; F16C033/66; F03D011/00;	MITSUBISHI HEAVY IND LTD;	BEARING STRUCTURE AND DIRECT DRIVE TYPE WIND TURBINE GENERATOR
JP2011169171 A 20110901	JP20100031680;	F03D009/00; F03D009/02;	SUMITOMO ELECTRIC INDUSTRIES;	POWER GENERATION SYSTEM
JP2011169239 A 20110901	JP20100033897;	F03D011/04; F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATING APPARATUS

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JP2011169254 A 20110901	JP20100034544;	F03D001/06; F03D011/02; F16H025/24; F16H025/20;	AISIN SEIKI;	ROTARY DRIVING DEVICE
JP2011169261 A 20110901	JP20100034663;	F03D003/06; F03D003/02; F03D009/00; F03D003/04;	HOSHIKAWA YOSHINOBU;INOKOSHI SEIJI;	WIND POWER GENERATOR
JP2011169267 A 20110901	JP20100034866;	F03D003/06;	GLOBAL ENERGY CO LTD;	VERTICAL AXIS WIND TURBINE
JP2011169292 A 20110901	JP20100036126;	F03D003/06; F03D011/00;	GLOBAL ENERGY CO LTD;	VERTICAL AXIS WIND TURBINE WITH LONG BLADE
JP2011169297 A 20110901	JP20100036325;	F03D009/02; F03D009/00;	OSEI KK;	WIND POWER GENERATION ELECTRIC VEHICLE
JP2011169302 A 20110901	JP20100036525;	F03D007/04;	CHUGOKU ELECTRIC POWER;	POWER GENERATION OUTPUT CONTROL DEVICE, INTEGRATED POWER CONTROLDEVICE, POWER GENERATION OUTPUT CONTROL METHOD AND INTEGRATED POWER CONTROL METHOD
JP2011172457 A 20110901	JP20100036526;	H02P009/00; H02J003/38; F03D007/04;	CHUGOKU ELECTRIC POWER;	POWER GENERATION OUTPUT CONTROLLER, INTEGRATED POWER CONTROLLER, POWERGENERATION OUTPUT CONTROL METHOD, AND INTEGRATED POWER CONTROL METHOD
JP2011174447 A 20110908	JP20100040759;	F03D001/06; F03D009/00; F03D001/04;	TAISEI CORP;	POWER GENERATION SYSTEM FOR SUPER-HIGH RISE BUILDING

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JP2011174448 A 20110908	JP20100040760;	E04H001/00; F03D009/00;	TAISEI CORP;	SKYSCRAPER BUILDING INCLUDING POWER GENERATION SYSTEM
JP2011174457 A 20110908	JP20100056654;	F03D009/00; F03D009/02; F03D011/02;	MIHARA MASAOKI;	WIND POWER GENERATION APPARATUS
JP2011179383 A 20110915	JP20100043182;	F03D009/00; F03G007/00;	SUMITOMO ELECTRIC INDUSTRIES;	POWER GENERATION SYSTEM
JP2011179417 A 20110915	JP20100044851;	F03D011/00; F03D003/06;	MASHITA TORU;	DARIUS TYPE VERTICAL SHAFT WIND TURBINE HAVING STARTABILITY
JP2011179462 A 20110915	JP20100046618;	F03D009/00; F03D003/06; F03D003/04;	ONOUKA MITSUO;	WIND POWER ROTATION GENERATOR USING BIDIRECTIONAL WIND FLOW, AND BATTERY DEVICE
JP2011179488 A 20110915	JP20100089005;	F03D001/06;	ICHIKAWA HIROO;	ROTOR
JP2011185101 A 20110922	JP20100048262;	F03D003/02; F03D011/04; F03D003/06; F03D011/00;	GTI KK;	WIND POWER GENERATION DEVICE AND WIND POWER GENERATION DEVICE ASSEMBLY USING THE SAME
JP2011185251 A 20110922	JP20100054763;	F03D003/06;	UENO YASUO;	BRAKING DEVICE FOR VERTICAL AXIS WIND TURBINE DEVICE
JP2011185258 A 20110922	JP20100073559;	F03B013/14; F03D009/02; F03D009/00;	KODERA KIYOSHI;	WIND FORCE AND WAVE FORCE-COMBINED POWER GENERATOR GENERATING POWER BY MAKING USE OF WIND FORCE AND WAVE FORCE ON THE OCEAN

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JP2011190756 A 20110929	JP20100058087;	F03D011/04; F03D011/00;	KANTO DENKI KOJI;	TEMPORARY LIGHTNING ROD IN WIND POWER GENERATION EQUIPMENT AND METHOD FOR CONSTRUCTING THE SAME
JP2011190791 A 20110929	JP20100085518;	F03D003/06; F03D011/02; F03D009/02;	IMADA SUMIKO;	POWER GENERATING DEVICE WITH AUXILIARY POWER IN VERTICAL TYPE WIND TURBINE GENERATOR
JP2011190793 A 20110929	JP20100086510;	F03B017/06; F03D011/02;	YAMAZAKI KK;	HYDRAULIC POWER/WIND TURBINE GENERATOR
JP2011190794 A 20110929	JP20100086515;	F03D009/02; F03D009/00;	SATO TERUO;	DEVICE IN WHICH PINWHEEL IS ATTACHED TO VEHICLE TO UTILIZE VEHICULAR SELF-ADVANCING ENERGY, PINWHEEL IS PRESSED TO AIR TO ROTATE PINWHEEL BY WIND DRAG FORCE AND THEREBY TO GENERATE ELECTRICITY, AND ELECTRICITY IS STORED
JP2011196183 A 20111006	JP20100060376;	F03D001/06; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
JP2011196361 A 20111006	JP20100067363;	F03D001/06; F03D009/00; F03B013/12;	TAIYO PLANT KK;	FLOATING POWER-GENERATING DEVICE
JP2011202537 A 20111013	JP20100068566;	F03D009/00;	TOSHIBA MITSUBISHI ELEC INC;	ENERGY REGENERATION SYSTEM
JP2011202626 A 20111013	JP20100072289;	F03D011/00;	NTN TOYO BEARING CO LTD;	FAILURE DETECTION DEVICE AND METHOD FOR BLADE BEARING

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JP2011207467 A 20111020	JP20100073530;JP 20100227001;	F03D011/04; B63B035/00; B63H011/0107;	SUZUKI TOSHIKI;	PROPULSION DEVICE FOR UNDERWATER OMNIDIRECTION MOVEMENT OF FLOATINGTYPE OFFSHORE WIND POWER GENERATION FACILITY
JP2011208610 A 20111020	JP20100079203;	F16H001/28; F03D011/02;	SEISA GEAR LTD;SUMITOMO HEAVY INDUSTRIES;	SPEED INCREASING GEAR FOR WIND POWER GENERATION
JP2011210656 A 20111020	JP20100079067;	H05B006/10; F03D009/00; H05B006/02;	TOK ENGINEERING KK;	PERMANENT MAGNET TYPE HEATING AND HYBRID DEVICE FOR POWER GENERATION
JP2011211817 A 20111020	JP20100076568;	H02P009/00; F03D009/00; F03D007/00;	HITACHI LTD;	WIND POWER GENERATION SYSTEM, AND CONTROL UNIT FOR THE SAME
JP2011214420 A 20111027	JP20100080425;	F03G003/00; F03D009/00; F03G006/00; F03G007/00;	FUJITA CORP;	POWER ENERGY SUPPLY SYSTEM
JP2011214422 A 20111027	JP20100080467;	F03D011/04; F03D011/00;	FURUKAWA ELECTRIC CO LTD;	WIND TURBINE GENERATOR
JP2011214571 A 20111027	JP20100063636;JP 20110009516;	F03D001/04; F03D001/02;	ABE HIDEKI;IZUMI KAZUYO;KIYONO EIJI;MIYAMOTO TADASHI;	UNIAXIAL CONTINUOUS POWER GENERATION SYSTEM
JP2011216325 A 20111027	JP20100083379;	F03D009/00; F03D001/06; H05B006/10; H05B006/02;	SUMITOMO ELECTRIC INDUSTRIES;	INDUCTION HEATING DEVICE AND POWER GENERATION SYSTEM EQUIPPED WITH IT
JP2011217574 A 20111027	JP20100085651;	H02P009/00; F03D007/00;	MEIDENSHA ELECTRIC MFG CO LTD;	WIND POWER GENERATION SYSTEM, AND DEVICE AND METHOD FOR CONTROLLINGROTATING MACHINE



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KR101045511B B1 20110701	KR20100090967;	F03D011/02; F03D011/00; F03D001/02;	LEE JI HYUN;SAMWON MILLENNIA CO;	DIRECTION CONVERSION STRUCTURE FOR DUAL BLADE WIND TURBINE GENERATOR
KR101046648B B1 20110705	KR20110030640;	E02D027/52; F03D011/04; F03D011/00;	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD;	MARINE WIND POWER GENERATION FACILITY FOR AUTOMATICALLY CONTROLLINGMOVEMENTS IN ULTIMATE LOADS
KR101046649B B1 20110705	KR20110030641;	F03D011/04; E02D027/52;	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD;	MARINE WIND POWER GENERATION FACILITY FOR AUTOMATICALLY AMENDING SLOPEIN OPERATION
KR101047092B B1 20110706	KR20110022763;	B63B009/00; B63B035/44; F03D011/00;	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD;	GUIDE DEVICE FOR IMPROVING VERTICALITY UPON INSTALLING MARINESTRUCTURE FOR MARINE WIND POWER GENERATION
KR101048347B B1 20110714	KR20100084454;	F03D011/00; F03D003/06;	KIM EUN JUNG;KIM MIN SEOK;	WIND TURBINE
KR101049217B B1 20110713	KR20110031902;	F03D011/00; F03D005/06; F03D005/00; F03D011/02;	PUSAN NAT UNIV IND COOP FOUND;	LIFT POWER GENERATION SYSTEM
KR101049452B B1 20110715	KR20100030567;	F03D011/00; F03D003/02; F03D011/02; F03D003/04;	PARK IN GU;	WIND POWER SYSTEM
KR101049529B B1 20110715	KR20110046850;	F03D001/00; G08G001/95; H02J007/32;	HOLE IN ONE CO LTD;	THE TRAFFIC SIGNAL
KR101051306B B1 20110722	KR20100096961;	F25J003/04; H01L031/42; F23D014/32; F03D009/00;	KOREA INST OF MACHINERY & AMP MATERIALS;	COMPRESSED AIR ENERGY STORAGE GENERATION SYSTEM

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KR101052132B B1 20110726	KR20100100119;	F03D011/00; F03D001/04; F03D011/02; F03D009/00;	KIMM JOON HWAN;	AN AEROGENERATOR FOR THE ELECTRIC CAR
KR101053451B B1 20110802	KR20100102047;	F03D003/06; F03D007/06; F03D011/00;	KIMI CO LTD;	SMALL SIZE AEROGENERATOR THAT BLADE FACING OF BLADE IS POSSIBLE
KR101053454B B1 20110802	KR20110000346;	F03D003/00; F03D009/00; F03D011/00;	KIMI CO LTD;	WIND POWERED GENERATING SYSTEM FOR SHIP
KR101053907B B1 20110804	KR20100134352;	F03D011/00; F03D003/06;	KIM DAE ROUNG;	WIND POWER GENERATER
KR101055866B B1 20110811	KR20110029575;	F03D011/00; F03D003/06;	CAE KOREA CO LTD;	VERTICAL-AXIS WIND POWER GENERATOR WHICH HAVE SEPARATED HUB
KR101056932B B1 20110812	KR20100106179;	F03D003/06; F03D011/00;	JEON JEONG HO;	THE ROTOR BLADE FOR A WIND POWER GENERATOR
KR101056968B B1 20110816	KR20110043883;	F21S013/10; F03D009/00; F03D003/04;	WOOKWANG TECH;	PIEZO-ELECTRIC GENERATOR UTILIZING WIND POWER FOR LED LIGHTING
KR101057910B B1 20110819	KR20110013580;	F03D011/00; F03D001/06;	LEE SEUNG GEUN;	ROTATOR OF WIND POWER ELECTRONIC POWER PLANT
KR101058339B B1 20110822	KR20100084326;	F03D011/00; F03D001/06;	LEE SEONG JAE;PARK SEOK JO;	BLADE FOR WIND POWER GENERATOR

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KR101058584B B1 20110823	KR20100018789;	F03D003/06; F03D009/00; F03D011/00; H01L031/42;	E & AMP C LTD;EUN BUM SU;INOVENTUS;	GENERTATOR WHICH USE VERTICAL 4-PHASES
KR101059013B B1 20110823	KR20100116556;	F03D001/04; F03D001/02; F03D011/02; F03D011/00;	MOON YOO KYEONG;	TURBINE APPARATUS OF AERIAL WIND POWER GENERATING SYSTEM
KR101059160B B1 20110825	KR20100097177;	F03D011/04; F03D003/04; F03D011/00; F03D003/02;	JK ENGINEERING & AMP CONSTRUCTION CO LTD;	TOWER FOR WIND POWER GENERATOR
KR101060040B B1 20110826	KR20110003051;	F03D009/02; F03D009/00; F03G007/00;	KIM HYUNG JUN;	POWER GENERATING APPARATUS USING AIR PRESSURE
KR101060156B B1 20110829	KR20110024197;	H01L031/42; F03D009/00; F03D003/04;	ACEPOWERTECH;LEE JOO SANG;	A HYBRID GENERATE ELECTRICITY SYSTEM FOR A ROOF TYPE
KR101060676B B1 20110830	KR20110008422;	F21S009/03; F03D009/00; E01F009/53; E01F009/04;	I SAN CO LTD;	MULTIFUNCTIONAL ATTENTION INDUCING APPARATUS OF NON-EMBEDDED TYPE
KR101061051B B1 20110901	KR20100086313;	A01G009/24; E04H009/16; F03D009/00; H01L031/42;	KIM DAE RYONG;PEOPLE & AMP GIVE CO LTD;POLYBANK LTD;	GREEN HOUSE WHICH ENABELS TO REMOVE SNOW
KR101061517B B1 20110902	KR20100084941;	F03D009/00; F03D007/00; G01R031/34; G01R031/02;	KOREA INST OF MACHINERY & AMP MATERIALS;	DUMP LOAD TROUBLE DETECT SYSTEM

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KR101061740B B1 20110902	KR20110043684;	F03D011/04; F03D009/00;	EJEN CO LTD;	AERIAL WIND POWER GENERATOR
KR101062429B B1 20110906	KR20110001886;	F24J002/02; F24D019/10; F24D003/00; F03D009/00;	DAIN POWERTRONIX CO LTD;	A HEATING SYSTEM FOR NATURAL ENERGY USING INVERTOR
KR101062580B B1 20110906	KR20110048718;	F03D003/06; F03D007/06; F03D011/00;	PARK ILL SUNG;	VERTICAL AEROGENERATOR WITH ROTATING WINGS OF WHICH DEGREES OF OPENINGAND CLOSING ARE SELF CONTROLLED
KR101064357B B1 20110916	KR20100021248;	F03D003/06; F03D011/00; H01L031/42;	E & AMP C LTD;EUN BUM SU;INOVENTUS;	POWER GENERTATOR WHICH USE VERTICAL 3-PHASES BLADE
KR101064942B B1 20110915	KR20110051637;	G08G001/07; H02J007/00; F03D001/00; G08G001/95;	HOLE IN ONE CO LTD;	CONTROL SYSTEM AND CONTROL METHOD FOR TRAFFIC LIGHT
KR101065264B B1 20110919	KR20100111078;K R20100111079;	F03D003/06; F03D011/00;	J & AMP MIDDOT H CO LTD;TAEIL MAGNETICS CO LTD;	BLADE STRUCTURE OF VERTICAL AXIS WIND POWER DEVICE AND WIND POWERSYSTEM USING THE SAME
KR101069345B B1 20111004	KR20110074925;	F03D009/00; F03D011/00; F21S002/00;	KIM JONG MYEONG;	A POWER GENERATION SYSTEM AND A LUMINOUS BODY USING THEREOF
KR101069985B B1 20111004	KR20110043654;	H02J007/35; F03D009/02;	HONG JONG SU;	THE GENERATION SYSTEM OF ROADWAY
KR101071128B B1 20111010	KR20110011846;	F03D005/00; F03D003/06; F03D011/00;	PROMISE ELECTRONICS CO LTD;	WIND POWER GENERATOR

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KR101071240B B1 20111010	KR20110061047;	F03D011/02; F03D009/00; F03D003/04;	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD;	APPARATUS FOR INCREASING WIND SPEED AND TOWER ROOF TYPE WIND POWERGENERATION SYSTEM HAVING THE SAME
KR101071295B B1 20111007	KR20110025015;	F03D009/02; H05B037/02; H02J007/34; H02J007/35;	YUYANG D & AMP U CO LTD;	SYSTEM AND METHOD FOR SUPPLYING POWER BY USING SMART LIGHT EMITTINGDIODE ILLUMINATION AND NEW RENEWABLE ENERGY CONVERGENCY, APPARATUS FOR SUPPLYING POWER BY USING SMART LIGHT EMITTING DIODE ILLUMINATION AND NEW RENEWABLE ENERGY CONVERGENCY AND METHOD THEREOF
KR101073897B B1 20111017	KR20110017507;	F03D011/00; F03D001/06; F03D001/04; F03D001/02;	KIMI CO LTD;	MULTISTAGE AEROGENERATOR
KR101074646B B1 20111018	KR20110047408;	F03D011/02; F03D003/06; F03D011/00;	R & AMP D PROJECT CO LTD;	WIND-COLLECTING TYPE WIND POWER GENERATOR
KR101075022B B1 20111019	KR20110045633;	F03D001/06; F03D011/00;	LEE JOUNG TAE;NA SEUNG AE;	BLADE FOR WIND POWER GENERATION
KR101075064B B1 20111019	KR20110028424;	A01K061/00; F03D011/04; F03D011/00;	KOREA ENG CONSULTANTS CORP;	SEA WIND POWER GENERATING FACILITY FOR MAKING INCLOSING NET
KR101076872B B1 20111027	KR20110079904;	F03D011/00; F03D001/06; F03D007/02;	SKYTECH CO LTD;	WIND POWER GENERATOR WITH VARIABLE ANGLE OF ATTACK OF BLADE ACCORDINGTO WIND VELOCITY
KR101078266B B1 20111031	KR20110083007;	F03D001/04; F24F007/00; F03D009/00;	LEE CHANG SOO;NMS CO LTD;	BUILD INSTALLATION WIND POWER GENERATOR

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KR101079773B B1 20111103	KR20100096370;	F03D003/06; F03D011/00;	SAMJUNG E & AMP W;	WIND POWER GENERATING APPARATUS WITH WING OF RING SHAPE
KR101079858B B1 20111116	KR20110039534;	F24F007/04; F03D009/00; F03D001/04; F03D001/00;	CHOI YONG SEOK;	WIND POWER GENERATOR
KR101080464B B1 20111104	KR20110009425;	H01L031/42; E01H005/10; F03D009/00; E01C011/26;	LEE KANG WOOK;	APPARATUS FOR MELTING SNOW
KR101080647B B1 20111108	KR20110060382;	F03D011/04; F03D011/00; F03D007/02;	KOREA ELECTRIC POWER CORP;	CONTROL SYSTEM OF HEIGHT OF WIND TURBINE TOWER AND METHOD OF THE SAME
KR101081401B B1 20111108	KR20110030638;	F03D011/04; E02D027/52;	DAEWOO ENGINEERING & AMP CONSTRUCTION CO LTD;	METHOD FOR CONSTRUCTING SHALLOW SEA OF SUCTION FILE FOR OFFSHORE BASE
KR101082532B B1 20111110	KR20110001364;	F03D011/00; F03D005/00; F03D003/04; F03D001/04;	KIM DA WON;KIM DUK BO;	POWER GENERATOR WITH WIND INDUCING DEVICE OF LEAST RESISTANCE
KR101083905B B1 20111116	KR20110059416;	F03D003/00; F03D011/00;	LEE HEE HYUNG;WON BAIK HEE;	SHAFT STRUTURE OF NONRESISTANCE AEROGENERATOR USING MAGNETIC LEVITATION
KR101083916B B1 20111115	KR20110051237;	F03D003/06; F03D011/00;	LEE HEE HYUNG;WON BAIK HEE;	AEROGENERATOR EQUIPPED WITH DUAL ROTATING AIRFOIL AND WIND PRESSUECONTOL DEVICE
KR101091854B B1 20111212	KR20110079907;	F03D011/02; F03D011/00; F03D009/00;	SKYTECH CO LTD;	AUXILIARY POWER SUPPLY IN USING RAILWAY VEHICLE

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KR101092485B B1 20111213	KR20100091373;	F16D027/00; F16D027/01; F03D011/04;	RCSSOLUTION CO LTD;	MAGNETIC LEVITATION BREAK
KR101093003B B1 20111212	KR20110011409;	F03D011/00; H02J003/38; F03D007/00;	NAT UNIV CHONBUK IND COOP FOUN;	METHOD AND SYSTEM FOR CONTROLLING WIND FARM WHEN WIND SPEED VARIES RAPIDLY
KR20110006659U U 20110705	KR20090016832U;	F03D009/00; F03D005/06; F03B013/26; F03B013/00;		FLAT SMALL HYDRO POWER
KR20110006687U U 20110706	KR20090016895U;	F03D011/00; F03D005/00;		STATOR STRUCTURE OF PERMANENT MAGNET GENERATOR IN GEARLESS TYPE WIND TURBINE
KR20110007118U U 20110715	WO2006ES00615;	F03D011/00; F03D003/06; F03D003/00;		WIND-POWERED GENERATOR
KR20110007206U U 20110720	KR20100000327U;	F03D007/00; F03D003/00;		ELECTRICITY PRODUCING SYSTEM
KR20110007816U U 20110809	KR20100001105U;	F03D011/00; F03D009/00;		LIGHT DEVICE USE WIND FORCE
KR20110007947U U 20110810	KR20100001293U;	F03D011/00; F03D001/00;		ROTOR LOCK FOR WIND GENERATOR
KR20110008216U U 20110818	KR20110006957U;	F03B017/00; F03B013/24; F03D005/00;		MAXIMIZE METHOD OF CONVERTING EFFICIENCY TIDAL CURRENT ENERGY TO WIND GENERATING ENERGY
KR20110009400U U 20111006	KR20100003197U;	F21S009/04; F03D001/00;		WIND-DRIVEN LIGHT-EMITTING DEVICE

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KR20110011949U U 20111228	KR20100006549U;	F03D009/00; H01L031/42;		ELECTRIC VEHICLE IN CHARGE SOLA POWER GENERATION WITH WIND POWERGENERATION SYSTEM
KR20110074950 A 20110705	KR20090131373;	F03D011/00; F03D005/06; F03D009/00;	PARK YEO WOONG;	COMPRESSION FAN WIND POWER GENERATION
KR20110075175 A 20110706	KR20090131539;	F03D001/04; F03D011/00; F03D003/04;	INSIDEVALUE CO LTD;	APPARATUS FOR AIR CONCENTRATION AND PIPING EQUIPMENT HAVING THE SAME
KR20110075513 A 20110706	KR20090131984;	F03D011/02; F03D011/00;	HYOSUNG CORP;	POWER SUPPLY APPARATUS FOR PITCH CONTROL DEVICE OF WIND GENERATOR
KR20110076049 A 20110706	KR20090132646;	F03D009/00; F24F013/06; F24F013/02; F24F011/02;	YOON SEONG HWAN;	DIFFUSER OF AIR HANDLING DUCT
KR20110076535 A 20110706	KR20090133278;	F03D011/00; F03D011/02;	HYOSUNG CORP;	ROTOR OF WIND POWER GENERATOR
KR20110076541 A 20110706	KR20090133284;	H01L031/42; F03D009/00; F03D003/00;	SEOKWANGENS CO LTD;	VENTILATOR CAPABLE OF WIND GENERATING
KR20110076915 A 20110706	US20080094386P; US20080268274;	F03D003/04; F03D011/00; F03D007/06;	CALIFORNIA ENERGY & AMP POWER;	FLUID TURBINE SYSTEMS
KR20110077139 A 20110707	KR20090133608;	F03D007/00;	HYOSUNG CORP;	WIND TURBINE CONTROL METHOD FOR REDUCING PEAK LOAD
KR20110077469 A 20110707	KR20090134063;	F03D011/00; F03D001/02; F03D011/04;	YOON CHUNG HYUN;YUN JEONG SAN;	SMALL WIND POWER GENERATION DEVICE, PREFABRICATED BLOCKS HWAHAN



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KR20110077477 A 20110707	KR20090134075;	F03D009/00; F21S009/04; A63H033/00;	KOREA IND TECH INST;	ARTIFICIAL FIREFLY
KR20110077491 A 20110707	KR20090134090;	F03D011/00; F03D003/04;	LEE KUN HYUNG;	VERTICAL AXIS WIND TURBINES FOR POWER GENERATION OF THE AIR FLOWCONTROL DEVICE
KR20110077629 A 20110707	KR20090134258;	F03D011/00;	RES INST OF IND SCIENCE & AMP TECHNOLOGY;	WIND TURBINE TOWER
KR20110077657 A 20110707	KR20090134293;	E04H012/00; F03D011/04;	RES INST OF IND SCIENCE & AMP TECHNOLOGY;	WINDMILL TOWER MADE OF HIGH STRENGH STEEL
KR20110077808 A 20110707	KR20090134471;	F03D003/02; F03D003/04;	DAEWOO SHIPBUILDING & AMP MARINE ENGINEERING CO LTD;	WIND POWER GENERATOR WITH A OUTER-HOUSING
KR20110077836 A 20110707	KR20090134502;	F03D003/02; F03D011/04;	YOON CHUNG HYUN;YUN JEONG SAN;	ASSEMBLED UNITS AVAILABLE WIND POWER DEVICE IS CONFIGURED TO BLOCK
KR20110078284 A 20110707	KR20090135053;	F03D011/00; F03D005/00;	KIM SANG HUN;	T-TYPE WIND POWER GENERATOR
KR20110078430 A 20110707	KR20090135243;	F03D011/00; F03D003/00;	KOREA AEROSPACE RES INST;	APPARATUS FOR TESTING A WIND TURBINE
KR20110078828 A 20110707	KR20090135738;	F03D001/04; F03D005/00; F03D001/02;	KIM JUEN SOO;	AIR TURBINE ASSEMBLY USED FOR A WIND COLLECTING TOWER TYPE WIND POWERGENERATOR
KR20110078965 A 20110707	KR20090135899;	F03D007/00; F03D011/00;	HYOSUNG CORP;	POWER SYSTEM BY ASSOCIATING WIND POWER AND BESS AND METHOD FORCONTROLLING THEREOF

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KR20110079610 A 20110707	US20080175416;	F03D011/02; F03D009/00;	BASELOAD ENERGY INC;	POWER GENERATION SYSTEM INCLUDING MULTIPLE MOTORS/GENERATORS
KR20110079626 A 20110707	US20080189950P; US20080193395P;	F03D011/02; F03D009/00; F03D003/04;	NATURAL POWER CONCEPTS INC;	COLUMN STRUCTURE WITH PROTECTED TURBINE
KR20110079648 A 20110707	SG20080006820;	F03D001/04; F03D001/02;	DRAGON ENERGY PTE LTD;	WIND ENERGY SYSTEM
KR20110079794 A 20110708	KR20110058316;	F03D011/00; F03D003/04;	BIG BANG GTS COLTD;BIG BANG R & AMP D CT CO LTD;CHO CHI YOUNG;CHOI HONG WON;LEE JAE BON;LEE JEFF JJ;LEE YONG GUN;PARK EUI SEOK;SEO JEONG GWAN;	WIND POWER GENERATION SYSTEM WHICH CAN CONVERT THE HORIZONTAL WIND TOUPWARD THROUGH THE FUNNEL TO COLLECT WIND BLOWING FROM ANY DIRECTION
KR20110079976 A 20110712	KR20100000103;	F03D011/02; F03D001/00; F03G007/00;	SUMTECH CO LTD;	A WIND POWER GENERATION APPARATUS FOR HIGH-EFFICIENCY
KR20110080556 A 20110713	KR20100000843;	F03D011/00; F03D001/06; F03D003/06;	JEONG HYUN WU;LEE CHUL HUN;	WIND POWER GENERATOR HAVING WINDMILL WINGS BASED VARIABLE BY GRAVITY
KR20110080946 A 20110713	KR20100001398;	F03D001/06; F03D011/00;	SAMSUNG HEAVY IND;	WIND POWER GENERATOR
KR20110081277 A 20110713	DE200810050848;	H02K009/04; H02K009/18; H02K005/20; F03D009/00;	WOBLEN ALOYS;	RING GENERATOR

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KR20110081406 A 20110714	KR20100001552;	F03D005/00; F03D001/06; F03D003/06; F03D011/00;	NA GI CHUN;	A ROTATION BODY FOR WIND GENERATOR AND A ROTATION BODY
KR20110081485 A 20110714	KR20100001675;	F03D003/06; F03D011/00;	INSIDEVALUE CO LTD;	VARIABLE FIN ASSEMBLY
KR20110082118 A 20110718	KR20110061095;	H02J007/00; F03D009/00; B60L011/18;	CHOI UK MAN;	BATTERY EXCHANGE METHOD
KR20110082349 A 20110719	KR20100002290;	G09F019/02; F03D009/00;	YOON CHUNG HYUN;YUN JEONG SAN;	WIND TURBINES EQUIPPED WITH A DEVICE ADVERTISING SIGN
KR20110082467 A 20110719	KR20100002234;	F03D003/06; F03D011/00; F03D003/02; F03D007/06;	KIM SEO LIM;KIM SEO SAN;	HORIZONTAL ROTATION AND AT OF THE ROTARY WING, THE LARGE DOSAGEDEVELOPMENT WHICH IS CAUSED BY WITH LOW MANY ITEM ESTABLISHMENT WAS THE POSSIBLE EFFICIENT WIND POWER AND THE BIRDS COMBINATION GENERATOR
KR20110082972 A 20110720	KR20100002944;	F03D011/00; F03D003/06;	JEON WON CO LTD;	VERTICAL AXIS TYPE ROTATING DEVICE INCLUDING POCKET TYPE BLADE
KR20110083079 A 20110720	KR20100003103;	F03D007/00; F03D009/02;	ELNT CO LTD;	ENERGY STORAGE APPARATUS
KR20110083257 A 20110720	KR20100003398;	F03D003/02; F03D009/00; F03D011/04;	YOON CHUNG HYUN;YOON JUNG HO;YUN JEONG SAN;	THE ROOF OF THE BUILDING TO INSTALL A SMALL WIND POWER GENERATOR
KR20110083476 A 20110720	KR20100003424;	F03D011/00; F03D003/06;	NOTUS CO LTD;	THE VERTICAL AXIS WIND TURBINE USING DRAG FORCE AND LIFT FORCESIMULTANEOUSLY

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KR20110083788 A 20110721	KR20100003698;	F03D003/00; B60L008/00; F03D011/02;	CHO OK HYUNG;	OMITTED
KR20110083792 A 20110721	KR20100003704;	F03D003/00; F03D011/04;	HEO JUNG;	FLOATING WIND POWER GENERATION UNIT
KR20110083945 A 20110721	KR20100003939;	F03D011/04; F03D009/00; H01L031/42;	PUSAN NAT UNIV IND COOP FOUND;	WIND AND SOLAR HYBRID POWER SYSTEM
KR20110084021 A 20110721	KR20100004045;	F03D009/00; F03D003/04;	LEE KYUNG JAE;	WIND POWER GENERATOR FOR LAYING UNDERGROUND
KR20110084023 A 20110721	KR20100004048;	F03D003/04; F03D011/00; F03D007/06;	KIM DAE YOO;KIM SUNG BUM;LEE JAE BON;LEE YONG GUN;	TURBINE FOR GENERATION OF ELECTRICITY BY WIND USING CONSTRUCTION FORCONCENTRATING WIND
KR20110084205 A 20110721	AT20080001581;	H02P009/42; F16H003/72; F03D007/04;	HEHENBERGER GERALD;	WIND POWER STATION
KR20110084464 A 20110725	KR20100004146;	F03D011/00; F03D003/06;	KIM SEONG YEUL;	WATERWHEEL TYPE DUAL BLADE WINDMILL
KR20110084562 A 20110726	KR20100004154;	F03D003/02; F03D003/06; F03D011/00;	KIM SEONG YEUL;	ALL WEATHER WIND POWER GENERATOR WHICH USES A COMPRESSED AIR AND DUALBLADE WITH
KR20110084563 A 20110726	KR20100004155;	F03D007/06; F03D009/00; F03D003/06; F03D003/04;	KIM SEONG YEUL;	WIND POWER ELECTRIC MOTORCAR WHICH USES A COMPRESSED AIR AND WINDPOWER TURBINE

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KR20110084810 A 20110726	KR20100004972;	F03D003/06; F03D011/00;	KIM KI CHEER;LEE IN HOON;OH SANG LOK;	VERTICAL-AXIS WINDMILL WINGS
KR20110084958 A 20110726	KR20117011212;	F03D011/04;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN GENERATOR DEVICE
KR20110085171 A 20110727	KR20100004802;	F03D009/00; F03B013/12; H01L031/42; F24J002/02;	YOON WEON HO;	MULTI-TYPE GENERATION DEVICE
KR20110085531 A 20110727	KR20100005381;	F03D011/00; F03D003/06;	HONG CHUL HYUN;	PERPENDICULAR WIND GENERATION TURBINE BLADE
KR20110085615 A 20110727	KR20100005492;	F03D011/02; F03D003/00;	CHO HYUNG JUN;LEE SANG MIN;	SPEED INCREASER FOR VERTICAL WIND POWER GENERATOR
KR20110085619 A 20110727	KR20100005496;	F03D011/02; F03D003/00;	CHO HYUNG JUN;LEE SANG MIN;	VERTICAL WIND POWER GENERATOR
KR20110085667 A 20110727	KR20100005575;	F03B013/00; F03D003/06; F03D011/00;	CHO JU SHIN;	THE WIND AND WATER POWER GENERATOR OF BLADE
KR20110085792 A 20110727	KR20100005764;	F03D003/02; F03D001/02; F03D003/04; F03D001/04;	AHN HAENG SU;KIM JEONG SUK;KIM VICTOR;	A WIND-POWER GENERATOR
KR20110087644 A 20110803	KR20100007155;	F24H009/18; F03D009/00; F24H001/48;	KIM SEONG YEUL;	MULTIPLE BOILER SYSTEM WHICH USES WIND POWER ELECTRICITY

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KR20110087703 A 20110803	KR20100007257;	F03D011/00; F03D003/06;	JEONG JA CHUN;	WIND POWER GENERATOR
KR20110087719 A 20110803	KR20100007277;	F03D003/00; F03D011/00; F03D011/02;	HEUNG IL ENGINEERING CO KR;	WIND POWER GENERATOR WITH VERTICAL SHAFT
KR20110087731 A 20110803	KR20100007300;	F03D003/00; F03D011/02;	CHO HYUNG JUN;LEE SANG MIN;	MANUFACTURING METHOD OF SPEED INCREASER FOR VERTICAL WIND POWERGENERATOR
KR20110088320 A 20110803	KR20100008889;	F03D009/00; F03D003/00;	CHUN JAE GI;	THE METHOD OF WIND POWER GENERATION USING AUTOMOBILE'S DRIVE
KR20110088618 A 20110804	KR20100008192;	F03D003/04; F03D003/00; F03D011/00;	HONG CHUL HYUN;	PERPENDICULAR WIND GENERATION TURBINE
KR20110088828 A 20110804	KR20100008527;	F03D007/06; F03D003/06; F03D011/00;	NTSEE CO LTD;SEO HYOUNG WOO;	VERTICAL AXIS WIND TURBINE
KR20110088987 A 20110804	KR20100008760;	F03D001/00; F03D009/00; F03D011/04;	YOO JEE SAN;	WIND POWER GENERATION APPARATUS INSTALLED ADDITIONAL TO A POLE
KR20110089293 A 20110805	KR20117011867;	F03D007/04; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN GENERATOR
KR20110089362 A 20110805	KR20080118876;	F03D007/06; F03D003/00; F03D003/06;	SNU R&AMP DB FOUNDATION;	VERTICAL AXIS TURBINE
KR20110089435 A 20110808	KR20080129112;	F03D003/06; F03D007/06;	SNU R&AMP DB FOUNDATION;	DISPLAYABLE WIND TURBINE

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KR20110089570 A 20110809	KR20100009034;	F03D009/00; F24H009/18; F22B003/06; F24J003/00;	TOPSOL CO LTD;	WIND POWER ELECTRICITY MAGNETIC HEAT GENERATOR
KR20110089572 A 20110809	KR20100009036;	F24H009/18; F22B003/06; F24J003/00; F03D009/00;	TOPSOL CO LTD;	WIND POWER ELECTRICITY MAGNETIC HEAT GENERATOR
KR20110089952 A 20110810	KR20100009478;	F03D011/02; F03D003/02; F03D011/00;	SUMTECH CO LTD;	MULTI TURBINE FOR WIND POWER GENERATION
KR20110090567 A 20110810	KR20100010425;	F03D007/00; F03D005/04; F03D003/00;	DAE YOUNG INDUSTRY ELECTRIC CO LTD;	REACTOR FOR WIND DIRECTION OF WIND TURBINE
KR20110091066 A 20110811	KR20100010703;	F03D009/00;	BAE DAE YOUNG;	OMITTED
KR20110091127 A 20110811	KR20100010806;	F03D011/00; F03D003/06;	KIM SEUNG HEON;SONG GEE SOO;	WING ASSEMBLY FOR WIND POWER GENERATION
KR20110091138 A 20110811	KR20100010825;	F03D011/02; F03D003/06;	PARK JUNG IL;	AN WIND GENERATOR OF THE VERTICAL WING TYPE
KR20110091306 A 20110811	KR20100011076;	F03D011/00; F03D011/04;	LS CABLE LTD;	BUSDUCT SUPPORT STRUCTURE FOR WINDTOWER
KR20110091607 A 20110812	KR20100011241;	F03D003/04; F03D011/00; F03D009/00;	PARK JOON KOOG;	PIPE TYPE WIND POWER GENERATOR

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KR20110091628 A 20110812	KR20110071236;	F03D009/00; F03B013/12;	CHUNG BYUNG WOO;	WIND GENERATOR INDUCED BY TIDAL CURRENT
KR20110091992 A 20110817	KR20100011391;	F03D009/00; F03D011/04; H01L031/42;	WON IN HO;	OMITTED
KR20110092065 A 20110817	KR20100011506;	F03D003/04; F03D011/00; F03D003/06;	INSIDEVALUE CO LTD;	APPARATUS FOR POWER GENERATION USING AIR PRESSURE
KR20110092208 A 20110817	KR20107006672;	E02D027/42; E04H012/28; F03D011/04;	MITSUBISHI HEAVY IND LTD;	MONOPOL TYPE TOWER AND WIND POWER GENERATOR HAVING THE SAME
KR20110092609 A 20110818	KR20100012123;	F03D003/06; F03D011/00; F03D001/06;	SNU R&AMP DB FOUNDATION;	LOW-NOISE TIP AIRFOIL GEOMETRY FOR URBAN SMALL WIND TURBINES IN LOWWIND SPEED CONDITION
KR20110092873 A 20110818	KR20100012546;	F03D003/00; F03D005/00; F03D011/00;	PARK SUNG HYUN;	WIND POWER GENERATOR
KR20110092878 A 20110818	KR20100012554;	F03D003/04; F03D011/00;	PARK SUNG HYUN;	ROTOR AND WIND POWER GENERATOR HAVING THE SAME
KR20110092902 A 20110818	KR20100012596;	F03D003/06; F03D011/00;	KIM HONG SU;KIM KI CHEER;	THE REVERSE DIRECTION TO UTILIZE THE WIND WINDMILL
KR20110093115 A 20110818	KR20100012960;	F16D065/95; F03D011/00; F16D065/14;	APEX COEQ LTD;	RORTER BRAKE FOR SPRING POWER BRAKING OF WIND GENERATOR
KR20110093173 A 20110818	KR20100013056;	F02C003/00; F03D009/00; F22B033/18; F23G005/27;	LIM YONG HA;	WIND POWER FLUFF RDF PLASMA GASIFICATION CHP SYSTEM



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KR20110093299 A 20110818	KR20100013251;	F03D011/00; F24F013/28; F03D009/00;	BAE DAE YOUNG;	OMITTED
KR20110093410 A 20110818	KR20100013445;	F03G007/00; F03G007/04; F03D009/00;	KWON HYUK KWAN;	ELECTRIC POWER GENERATOR
KR20110093603 A 20110818	KR20107006153;	F03D011/04;	MITSUBISHI HEAVY IND LTD;	TOWER FOR A WINDMILL AND WIND POWER GENERATOR
KR20110093991 A 20110819	WO2008US11015; WO2009US57973;	F03D001/06; F03D007/02; F03B003/12; F03B015/00;	FLODESIGN WIND TURBINE CORP;	TURBINE WITH MIXERS AND EJECTORS
KR20110094168 A 20110822	KR20110077037;	F03D001/04; H01L031/42; F03D009/00;	MIN SUNG GI;	OMITTED
KR20110094580 A 20110824	KR20100014080;	F03D011/00; F03D009/00;	BARK MUN SOO;	THE TUNNEL METHOD VELOCITY OF THE WIND DYNAMO DEVICE WHICH USED AVENTILATION FAN
KR20110094581 A 20110824	KR20100014081;	F03D011/00; F03D009/00;	BARK MUN SOO;	THE TUNNEL METHOD VELOCITY OF THE WIND DYNAMO DEVICE WHICH USED ABLOWER
KR20110094822 A 20110824	KR20100014467;	F03D011/00; F03D003/04;	PARK CHAN HEE;	VERTICAL AXIS WIND COLLECTOR OF SIX ANGLE PILLER TYPE FOR MAXIMUMPOWER OF WIND GENERATOR
KR20110094833 A 20110824	KR20100014489;	F03B013/22; F03D009/00; F03D003/04; H01L031/42;	PARK CHAN HEE;	HYBRID METHOD OF WAVE POWER GERERATOR WITH WATER COLLECTOR AND WINDPOWER GENERATOR WITH WIND COLLECTOR AND SUN PHOTOCELL GENERATOR

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KR20110094841 A 20110824	KR20100014509;	F03D003/04; F03D009/00; F24J002/02; F24H009/18;	PARK CHAN HEE;	HYBRID HOT WATER GENERATION METHOD OF SOLAR HEAT ABSORBER AND WINDPOWER GENERATOR WITH VERTICAL AXIS WIND COLLECTOR
KR20110094845 A 20110824	KR20100014519;	F24J003/08; F24H009/18; F25B029/00; F03D009/00;	PARK CHAN HEE;	HYBRID COLD OR HOT WATER GENERATION METHOD OF GEOTHERMY EXCHANGER ANDWIND POWER GENERATOR WITH VERTICAL AXIS WIND COLLECTOR
KR20110094869 A 20110824	KR20100014573;	B60L008/00; F03D009/00;	KIM KYUNG RAK;	OMITTED
KR20110095077 A 20110824	KR20100015487;	F03D011/00; F03B013/00; F03D003/06; F03B013/12;	CHO JU SHIN;	THE WIND AND WATER POWER GENERATOR OF BLADE
KR20110096103 A 20110829	KR20107008007;	F03D011/00; F16C033/66;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR
KR20110096361 A 20110830	KR20100015767;	F03D011/00; F03D011/02;	MOON JAE WON;SOLEMO CO LTD;SUNG MIN;	MULTI DEGREE OF FREEDOM GENERATOR AND WIND POWER GENERATION DEVICEUSING THEREOF
KR20110097539 A 20110831	KR20100017505;	F03D003/06; F03D011/00; F03D011/04; F03D011/02;	LEE SANG JOON;	VERTICAL AXIS WIND POWER SYSTEM USING AIRPOCKET TYPE BLADE
KR20110098066 A 20110901	KR20100017489;	F03D009/00; F03B013/00; F03D009/02;	LEE JI NAM;	ENERGY GENERATING FACILITIES USING AIR PRESSURE AND WATER POWER
KR20110098773 A 20110901	GB20080021965;	F03D001/00; B64C023/06;	AEROVORTEX MILLS LTD;	VORTEX DYNAMICS TURBINE

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KR20110099357 A 20110908	KR20100018326;	F24F007/00; F03D009/00;	WHILKOR CO LTD;	A ROOM AIR CIRCURATION DEVICE USING WIND POWER
KR20110099622 A 20110908	KR20107009515;	F03D007/04; F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND START-UP METHOD OF THE SAME
KR20110100786 A 20110915	KR20100019792;	F03D003/02; F03D003/06; F03D011/00;	SI CORP;	ROTOR BLADE FOR A WIND POWER GENERATOR
KR20110100920 A 20110915	KR20100020007;	F03D009/00; B60K011/04;	HALLA CLIMATE CONTROL CORP;	TACHOMETER OPERATING SYSTEM AND METHOD USING POWER GENERATION OF FAN
KR20110101319 A 20110916	KR20100020252;	F03D011/00; F03D003/06;	LEE YUNG MUN;	ROTOR BLADE FOR A WIND POWER GENERATOR
KR20110101322 A 20110916	KR20100020255;	H01L031/42; F03D009/00; F03D003/00; F03D011/04;	WON IN HO;	OMITTED
KR20110102050 A 20110916	KR20100021491;	F03D011/02; F03D003/04; F03D003/02; F03D009/00;	NIT ONE CO LTD;	WIND POWER GENERATION SYSTEM USING DRIVE WIND FORCE
KR20110102137 A 20110916	KR20107005968;	F03D007/02; F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN GENERATOR AND YAW ROTATION CONTROL METHOD FOR WIND-DRIVEN GENERATOR
KR20110102271 A 20110916	KR20090131274;K R20090131286;	F03D011/00; F03D003/06;	HWANG JI SEON;	ROTOR FOR WIND POWER GENERATION

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KR20110102552 A 20110919	KR20100021606;	F03D007/02; F03D001/00; F03D011/02;	JEON SEONG HYEON;	AEROGENERATOR THAT HAVE MULTISTAGE ELECTRIC POWER GENERATION SYSTEM
KR20110102999 A 20110920	KR20100022086;	F03D003/02; F03D009/00; F03D011/00; F03B013/26;	KIM SEO LIM;KIM SEO SAN;	HORIZONTAL ROTATION AND AT OF THE ROTARY WING, THE LARGE DOSAGEDEVELOPMENT WHICH IS CAUSED BY WITH LOW MANY ITEM ESTABLISHMENT WAS THE POSSIBLE EFFICIENT WIND POWER AND THE BIRDS COMBINATION GENERATOR
KR20110103565 A 20110921	KR20100022689;	F03D007/06; F03D011/00; F03D003/04; F03D003/02;	BACK KYUNG HYUN;CHUNGHAE ENVIRONMENT CO LTD;	SMALL WIND POWER GENERATING SYSTEM
KR20110104063 A 20110921	NO20080005321;	H02P009/42; H02J003/38; H02J003/18; F03D009/00;	SMARTMOTOR AS;	METHOD FOR OPERATION OF A PERMANENT MAGNET SYNCHRONOUS MACHINE, AND ADEVICE IN AN ELECTRIC SYSTEM COMPRISING SUCH A MACHINE
KR20110104418 A 20110922	KR20107008295;	F03D007/02; F03D007/04;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND BLADE PITCH ANGLE CONTROL METHOD THEREOF
KR20110104419 A 20110922	KR20107021948;	F03D007/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATING APPARATUS AND NACELLE ROTATING METHOD
KR20110105313 A 20110926	KR20100025013;	F03D009/00;	KIM SHIN IL;	WIND POWER GENERATION SYSTEM USE OF A PRIME MOVER
KR20110105314 A 20110926	KR20100025014;	F03D009/00;	KIM SHIN IL;	WIND POWER PLANT SYSTEM ON THE ROAD & RAILROAD

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KR20110105923 A 20110928	KR20100025059;	F03D009/00; F03D011/02; F03D003/04; F03D003/02;	DEOKAM;	WIND POWER GENERATOR INSTALLED ON MEDIAN STRIP OF ROAD
KR20110106214 A 20110928	KR20100026061;	F03D001/04; H01L031/42; F03D003/04; F03D011/04;	PARK SUNG WON;	OMITTED
KR20110106480 A 20110929	KR20100025508;	H01L031/42; F03D009/00; E02B015/04;	NAT UNIV CHONBUK IND COOP FOUN;	EUPHOTIC FLOATING TREATMENT EQUIPMENT BY HYBRID TYPE DRIVING SYSTEM
KR20110106768 A 20110929	KR20100026017;	F04D029/38; F03D003/06; F03D003/00;	BAEK BYEONG YEOL;	CONTROLABLE WIND POWER PROPELLER
KR20110106771 A 20110929	KR20100026500;	B63J003/00; B63H009/04; F03D007/00; F03D003/04;	CHUN JAE GI;	THE METHOD OF SAILING BY THE MULTI-POWER
KR20110107015 A 20110930	KR20100026142;	E01F008/00; F03D009/00; H01L031/42;	NEWENERTECH CO LTD;	SOUND PROOR WALL SYSTEM HAVING HYBRID GENERATING FUNCTION
KR20110107031 A 20110930	KR20100026171;	F03D005/04; F03D005/00; F03D005/06; F03D007/00;	PUSAN NAT UNIV IND COOP FOUND;	LINEAR WIND GENERATOR
KR20110107613 A 20111004	KR20100026828;	F03D001/02; F03D007/02; F03B007/00; F03D007/00;	AHN DAE GHANG;JIN JUNG YONG;	APPARATUS AND CONTROL METHOD FOR HAVING MULTIPLE OUTPUT GENERATORCORRESPONDING TO THE VARIATION OF FLOW OR WIND INPUT
KR20110107912 A 20111005	KR20100027082;	F03D011/00; F03D001/06;	JEONG MIN KWON;	A NOTHING POWER ANGLE CONTROLLING OF WIND POWER ROTER BLADE

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KR20110107940 A 20111005	KR20100027143;	F03D003/04; F03D011/00;	MOKPO NAT UNIVERSITY INDUSTRY ACADEMIA COOPERATION GROUP;	GUIDE NOZZLE FOR CROSS-FLOW TYPE VERTICAL AXIS WIND TURBINE
KR20110108111 A 20111005	KR20100027424;	F03D009/00; F25B027/00; F24J002/00; F25B021/02;	KOREA TECHNOLOGY ENG CO LTD;	HEATING AND COOLING SYSTEM USING ELECTRIC ENERGY OF SOLAR ENERGY AND WIND POWER
KR20110108124 A 20111005	KR20100027446;	F03D009/00; F03D011/04; F03D011/00;	KYOUNG GI ENGINEERING LTD;	WIND POWER GENERATOR USING THE ELECTRIC SUPPLY AND DISTRIBUTION LINE
KR20110108485 A 20111006	KR20100027694;	F03D011/02; F03D007/02; F03D001/00;	LEE DAE IL;	WIND POWER GENERATION SYSTEM
KR20110108522 A 20111006	KR20100027753;	F03D003/02; F03D011/00;	LUMENTRONICS INC;OH HYUN JUNG;	LAMINATED STRUCTURE TYPE OF VERTICAL AXIS WIND POWER GENERATOR
KR20110108633 A 20111006	KR20100027930;	B64B001/40; F03D009/00;	ENERGALE CO LTD;	AERIAL WIND POWER GENERATING APPARATUS
KR20110108683 A 20111006	KR20100028031;	F03D001/04; F03D009/00;	AN HWI OUNG;LIM JONG KUN;	WIND POWER SYSTEM
KR20110108714 A 20111006	KR20100028073;	G06F017/00; G06F019/00; F03D007/00;	UNIV DONG A RES FOUNDATION;	OPTIMAL DESIGN ALGORITHM OF DIRECT-DRIVEN PM WIND GENERATOR ANDKNOWLEDGE-BASED OPTIMAL DESIGN METHOD FOR THE SAME
KR20110108900 A 20111006	KR20100028373;	F03D011/00; F03D011/02; F03D003/06;	ALPHASOLARTECH;	GENERATOR USING THE WINDPOWER

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KR20110109474 A 20111006	KR20100029235;	H01B007/17; F03D011/04;	ENERGALE CO LTD;	CABLE FOR FIXING AERIAL WIND POWER GENERATING APPARATUS AND AERIALWIND POWER GENERATING APPARATUS COMPRISING THE SAME
KR20110109476 A 20111006	KR20100029237;	B64B001/50; F03D011/04; F03D009/00;	ENERGALE CO LTD;	MOORING APPARATUS FOR AERIAL WIND POWER GENERATING FLOATING BODY
KR20110110066 A 20111006	KR20110056893;	F03D011/00; F03D003/00; F03D011/02;	JUNG JEONG HAN;	WINDMILL
KR20110110735 A 20111007	KR20100030013;	G01H001/00; F03D011/00; F03D007/00; G01M013/04;	GLOBIZ CO LTD;	MONITORING APPARATUS OF WIND POWER GENERATOR
KR20110110878 A 20111010	KR20100028665;	F03D011/00; F03D003/02; F03D011/02; F03D011/04;	JUNG JEONG HAN;	WINDMILL
KR20110111077 A 20111010	KR20100030470;	H02K035/02; H02J007/00; F03D007/00;	IUCF HYU;	LOCAL POWER SUPPLY AND WIND POWER GENERATION SYSTEM INCLUDING THE SAME
KR20110111170 A 20111010	KR20100030594;	F03D011/04; F03D001/06; F03D001/04; F03D011/00;	GYE BYUNG SIK;GYE YOUNG JIN;	WIND POWER GENERATION APPARATUS
KR20110111299 A 20111010	EP20090001339;	H02P009/04; H02J003/46; F03D007/04; H02J003/06;	SIEMENS AG;	POWER SYSTEM FREQUENCY INERTIA FOR POWER GENERATION SYSTEM

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KR20110111633 A 20111012	KR20100030805;	F03D003/00; F03D011/00; F03D003/06; F03B013/26;	KYUNG CHONG MAN;	WIND POWER, TIDAL POWER GENERATOR TURBINE
KR20110111898 A 20111012	KR20100031211;	F03D011/02; F03D003/06; F03D011/00;	OH DU MAN;	WIND TURBINE APPARATUS WITH VERTICAL AXIS
KR20110112106 A 20111012	KR20100031530;	F03D011/02; H01L031/42; F03D003/02; F03D003/06;	SAMKWANG IND ELECTRIC CO LTD;	VERTICAL AXIS WIND GENERATOR
KR20110112184 A 20111012	KR20107009978;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND MAINTENANCE METHOD THEREOF
KR20110112185 A 20111012	KR20107010014;	F03D011/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
KR20110112741 A 20111013	KR20100032056;	F03D003/00; F03D007/06; F03D011/02; F03D011/00;	GARAMENC CO LTD;	HIGH-EFFICIENCY WIND POWER GENERATOR
KR20110112742 A 20111013	KR20100032057;	F03D011/02; F03D007/00; F03D011/00;	GARAMENC CO LTD;	WIND POWER GENERATOR FOR PREVENTING OVERRUN
KR20110112766 A 20111013	KR20100117461;	F03D011/00; F03D003/06;	HANLIM;	MODULARIZED BLADE WIND GENERATION SYSTEM
KR20110113261 A 20111017	KR20100032540;	F03D009/00; F03D003/00;	KIM MIN JOONG;	AN APPARATUS FOR GENERATING WIND ELECTRIC POWER UTILIZING THE CIRCUMFERENCE OF HIGH COLUMN STRUCTURE



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KR20110113290 A 20111017	KR20100032597;	F03D011/00; F03D003/04;	RHO YOUNG GYU;	APPARATUS FOR ADDING WIND POWER OF VERTICAL WIND POWER GENERATION
KR20110113325 A 20111017	KR20100032660;	F03D003/04; F03D003/06; F03D009/00;	HAN SANG HUN;LEE YEONG RYEOL;LEE YI NO;PARK JONG HWA;YANG SEUNG UK;	VERTICAL WIND POWER GENERATOR
KR20110113860 A 20111019	KR20100033174;	B64D027/00; B64C031/24; F03D009/00; B64D041/00;	YOON GAB JOO;	OMITTED
KR20110113861 A 20111019	KR20100033175;	B64C027/12; F03D009/00; B64D041/00;	YOON GAB JOO;	OMITTED
KR20110114043 A 20111019	KR20100033453;	F03D011/00; F03D003/06;	AN JEONG OH;	OWER GENERATER
KR20110114277 A 20111019	KR20100033836;	F03D007/00; F03D007/02; F03D007/06;	KIM BONG TAEK;KIM HYO SANG;	WIND POWER GENERATING APPARATUS
KR20110114354 A 20111019	KR20100033959;	F03D011/00;	WINDTECH CO LTD;	DOUBLE COUPLING DEVICE FOR WIND FORCE TURBINE
KR20110114427 A 20111019	KR20107005940;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND-DRIVEN GENERATOR
KR20110114428 A 20111019	KR20107008802;	F03D011/02; F03D001/00; F03D011/00;	MITSUBISHI HEAVY IND LTD;	ROTOR TURNING DEVICE FOR WIND TURBINE GENERATOR AND ROTOR TURNINGMETHOD

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KR20110114430 A 20111019	KR20107021915;	F01M005/00; F03D011/00;	MITSUBISHI HEAVY IND LTD;	LUBRICATING OIL HEATING MECHANISM, GEAR MECHANISM, AND WIND POWERGENERATING APPARATUS
KR20110114493 A 20111019	PK20100000309;	F03D003/04; F03D011/00; F03D009/00;	MUJEEB UR REHMAN ALVI;	TUNNEL TERBINE SYSTEM GENERATING POTENTIAL ENERGY FROM DORMENT KINETICENERGY
KR20110114505 A 20111019	KR20110087254;	F03D005/04;	KIM SEOMG GU;	WINDFORCE GENERATOR WING
KR20110114850 A 20111020	KR20100034213;	F03D011/02; F03D011/00;	WINDTECH CO LTD;	DOUBLE TYPE COUPLING DEVICE FOR WIND FORCE TURBINE
KR20110115367 A 20111021	KR20100034827;	F03D003/04; F03D011/00;	JEON SEONG HYEON;	ROTOR BLADE OF AEROGENERATOR
KR20110115502 A 20111021	KR20100034835;	F03D003/04; F03D009/00;	HANMI PARSONS CO LTD;	WIND POWER GENERATION DEVICE USING THE SUBWAY TRAIN OF WIND FROMHIGH-SPEED
KR20110115546 A 20111021	PK20100000312;	F03D009/00; F03D001/04; F03D011/00;	MUJEEB UR REHMAN ALVI;	TUNNEL POWER TURBINE SYSTEM TO GENERATE POTENTIAL ENERGY FROM WASTEKINETIC ENERGY
KR20110115733 A 20111024	KR20100035223;	F03D011/00; F03D011/02;	SAMSUNG HEAVY IND;	MULTIPLEX WIND POWER GENERATOR
KR20110115777 A 20111024	KR20100035291;	F03D011/00; F03D011/02;	KIM BONG TAEK;KIM HYO SANG;	WIND POWER APPARATUS
KR20110115951 A 20111024	KR20100035490;	F03D009/00; F24H009/18; F22B003/06; F24J003/00;	IUCF HYU;	HEATING APPARATUS USING WIND POWER

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KR20110116084 A 20111025	KR20107008335;	F03D007/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
KR20110116085 A 20111025	KR20107008381;	F03D011/00; F03D007/00;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR
KR20110116086 A 20111025	KR20107008384;	F03D007/00; F03D007/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	MAINTENANCE OPERATION METHOD FOR WIND TURBINE GENERATOR AND WINDTURBINE GENERATOR
KR20110116087 A 20111025	KR20107008396;	F03D007/02; F03D011/00; F03D007/00;	MITSUBISHI HEAVY IND LTD;	HANDY TERMINAL FOR WIND TURBINE GENERATOR, WIND TURBINE GENERATOR ANDWIND POWER SITE
KR20110116088 A 20111025	KR20107008804;	F03D007/02; F03D007/04; F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME
KR20110116288 A 20111026	KR20100035626;	F03D011/00; F03D003/06; F03D001/06;	KIM CHONG MIN;LEE EUN JOO;	LIGHTWEIGHT BLADE WITH WINGBOX FOR WIND POWER GENERATING DEVICE,WINGBOX MANUFACTURING TOOL AND METHOD
KR20110116396 A 20111026	KR20100035783;	F03D007/02; F03D007/04;	LEE JIN MIN;	BLADE DIRECTION CONTROL METHOD ADAPTED BY WIND SPEED FOR WIND POWERGENERATION
KR20110116804 A 20111026	KR20100036428;	F03D011/00; B63B039/04; B63B035/44;	DAEWOO SHIPBUILDING & AMP MARINE ENGINEERING CO LTD;	INSTALLATION SHIPS FOR WIND POWER GENERATION EQUIPMENT ON SEA
KR20110116917 A 20111026	KR20100036593;	F03D011/02; F03D009/00; F03D007/02; F03D011/00;	LEE JIN YONG;	GENERATOR USING PIEZOELECTRIC PLEMENT

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KR20110116942 A 20111026	KR20100035633;	F03D003/00; F03D009/00; F03D011/02;	MIN SUNG GI;	OMITTED
KR20110116981 A 20111026	KR20110032270;	F03D011/02; F03G007/00; F03D009/00; B60L008/00;	LEE JIN YONG;	GENERATOR USING PIEZOELECTRIC PLEMENT
KR20110117154 A 20111026	US20090145376P;	F03B013/12; F03D011/00; F03D011/02; F03B013/22;	BRICKETT BENJAMIN P;	METHOD AND APPARATUS FOR FLUID TURBINE HAVING A LINEAR ACTUATOR
KR20110117320 A 20111027	KR20100036704;	F03D007/00; F03D011/00;	KOREA ELECTROTECH RES INST;	SYSTEM AND METHOD FOR STABILIZING WIND POWER GENERATION EQUIPMENT
KR20110117786 A 20111028	KR20100037205;	F24F007/02; F03D009/00; F03D003/00;	BARK MUN SOO;	WIND GENERATION SYSTEM CONSISTING OF NON-MOTORIZED BENTILATOR
KR20110118285 A 20111031	KR20100037789;	F03D003/06; F03D011/00;	SUN BEE INSTR INC;	VARIABLE BLADE ANGLE AIR GENERATER
KR20110118394 A 20111031	KR20100037971;	F03D003/04; F03D011/00; F03D007/06;	KIM SANG OUK;	WIND POWER GENERATOR
KR20110118870 A 20111102	KR20100038240;	F03D003/06; F03D011/00;	NAM TAE WOO;	APPARATUS FOR WIND POWER GENERATION
KR20110118918 A 20111102	KR20100038314;	F03D001/06; F03D003/06; F03D011/00;	DACC CO LTD;NAT UNIV CHONBUK IND COOP FOUN;	A BLADE WITH VORTEX CELL FOR WIND TURBINE

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KR20110119242 A 20111102	KR20100038844;	F03D011/00; F03D001/06;	MIRAE TECH CO LTD;	DEVICE FOR WIND POWER GENERATION
KR20110119243 A 20111102	KR20100038846;	F03D009/00; F03D003/04;	NAM JONG WOO;	WIND POWER APPARATUS
KR20110119247 A 20111102	KR20100038850;	F03D009/00; F03D001/04; F03D001/06; F03D011/00;	NAM JONG WOO;	WIND POWER APPARATUS
KR20110119296 A 20111102	KR20100038918;	F03D001/06; F03D007/02; F03D011/00;	SHIN JAE KWAN;	WIND FORCE GENERATOR DEVICE WITH BLADE HAVING CONTROLLING AREA
KR20110119925 A 20111103	KR20100039349;	B63J002/06; B63J003/04; B63J099/00; F03D005/00;	SAMSUNG HEAVY IND;	GENERATOR IN EXHAUST AIR PATHWAY OF SHIP ENGINE ROOM
KR20110120196 A 20111103	KR20107008367;	F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	METHOD OF REPAIRING BEARING OF WIND TURBINE GENERATOR
KR20110120197 A 20111103	KR20107008394;	F03D011/00; F03D011/02; F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND SOUNDNESS DIAGNOSIS METHOD THEREOF
KR20110120198 A 20111103	KR20107008769;	F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
KR20110120199 A 20111103	KR20107008778;	F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	LINK PIN EXCHANGING DEVICE FOR WIND TURBINE GENERATOR AND LINK PINEXCHANGING METHOD

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KR20110120200 A 20111103	KR20107008806;	F03D011/02; F03D011/00;	MITSUBISHI HEAVY IND LTD;	GEAR BOX FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
KR20110120201 A 20111103	KR20107019391;	F16C033/66; F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	STARTING METHOD FOR ROTATION MACHINE AND STARTING METHOD FOR WINDTURBINE GENERATOR
KR20110120517 A 20111104	KR20100039962;	F03D003/06; F03D011/00; F03D001/06;	SAMSUNG HEAVY IND;	WIND POWER GENERATOR
KR20110121117 A 20111107	KR20100040563;	F03D001/06; F03D003/06; F03D011/00; F03D009/00;	GAEL ENC CO LTD;	HIGH PERFORMANCE VERTICAL AXIS DRUM TYPE WIND POWER GENERATOR TO SHIPSTREETLAMP FOR SMARTGRID SYSTEM
KR20110121207 A 20111107	KR20100040695;	F03D001/02; F03D009/00; F03D001/04;	JIAM MEDITECH CO LTD;	WIND POWER GANERATOR FOR FENCE
KR20110121291 A 20111107	KR20100040821;	F03D001/04; F24J002/02; F03D009/00; H01L031/42;	LIM JAE HOON;	THE POWER GENERATION BY COMPLEX SYSTEM WHICH USES A SOLAR ENERGY ANDTHE WIND POWER
KR20110122296 A 20111110	KR20100041708;	B63J003/04; F03D005/00; B63J099/00; B63J002/02;	SAMSUNG HEAVY IND;	POWER GENERATING APPARATUS FOR SHIP AND SHIP INCLUDING THE SAME
KR20110122334 A 20111110	KR20100041770;	F03D003/06; F03D011/00;	KOREA ADVANCED INST SCI & TECH;	BLADE FOR WIND POWER APPARATUS AND SYSTEM
KR20110122453 A 20111110	KR20100041984;	F03D007/04; F03D007/02;	KOREA ENERGY RESEARCH INST;	WIND POWER GENERATOR FLOATING TYPE

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KR20110122507 A 20111110	KR20100042059;	F03G007/00; F03D011/02; H02K007/0116;	HEUNG IL ENGINEERING CO KR;	OWN ELECTRIC POWER SYSTEM FOR USING CENTRIFUGAL ACCELERATION MEANS
KR20110122577 A 20111110	KR20100042152;	F16C043/06; F03D011/00; F16C043/04;	IL JIN GLOBAL CO LTD;	ASSEMBLY DEVICE FOR WIND TURBINE BEARING
KR20110122578 A 20111110	KR20100042153;	F16C043/06; F03D011/00; F16C043/04;	IL JIN GLOBAL CO LTD;	ASSEMBLY DEVICE FOR WIND TURBINE BEARING
KR20110122609 A 20111110	KR20100042545;	F03D005/00; F03D011/00; F03D003/06; F03D009/00;	KIM JAE WOON;	AIR GENEARTDR
KR20110122778 A 20111111	KR20100042196;	F03D001/00; F03D011/02;	RYU CHANG HWAN;SIM JAE GYEONG;	WIND TURBINE ROTARY EQUIPMENT
KR20110122971 A 20111114	KR20100042357;	F03B003/12; F03D003/06; F03B017/06;	SONG KIL BONG;	VERTICAL AXIS TURBINE APPARATUS
KR20110123370 A 20111115	KR20100042809;	F16H021/16; F03D011/02;	KANG OK RYE;SHIN MEONG CHEOL;	LINEAR RECIPROCATING TRAVERSE UNIT AND WIND POWER GENERATION DEVICEUSING OF THE SAME UNIT
KR20110123487 A 20111115	KR20100043002;	F03D011/00; F03D003/06;	KWON YOUNG GOO;PARK KWANG HYEON;	THE METHOD OF ARRANGEMENT AND COUPLING FOR BEST UTILIZATION OF THEFLOW OF WIND BY POTABLE VERTICAL-AXIS WIND BLADES
KR20110124108 A 20111116	KR20100043991;	H01L031/42; F03D003/04; F03D007/06; F03D009/00;	MIN SUNG GI;	OMITTED

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KR20110124109 A 20111116	KR20100043992;	F03D003/04; H01L031/42; F03D003/06;	MIN SUNG GI;	OMITTED
KR20110124679 A 20111117	KR20100044202;	F03D009/00; F24J002/38; H01L031/42; F03D011/04;	SK D & AMP D CO LTD;	COMPOUND GENERATOR USING SOLAR AND WIND
KR20110124810 A 20111118	KR20100044211;	F03D011/00; F03D003/04;	KIM SANG JOON;	CYLINDER WIND GENERATOR
KR20110125147 A 20111118	KR20100045742;	F03D007/00; F03D011/00; F03D005/00;	KIM SEOMG GU;	WIND FORCE GENERATOR WING
KR20110125336 A 20111121	KR20100044803;	F03D003/02; F03D011/00; F03D011/02; F03D003/06;	YOON PIL;	WIND FORCE GENERATOR OF ELECTRIC CURRENT
KR20110125972 A 20111122	KR20100045632;	F03D003/06; F03D011/00;	JEONG SUN CO LTD;KIM SEOK MIN;	OMITTED
KR20110125973 A 20111122	KR20100045633;	F03D011/00; F03D003/06;	JEONG SUN CO LTD;KIM SEOK MIN;	OMITTED
KR20110126018 A 20111122	KR20100045700;	F03D011/04; F03D005/00; F03D001/00;	CHOI JEONG DONG;	2 CABLE CONTROLLED HELIUM FILLED BALLOON WIND GATHERING TYPE POWER PLANT
KR20110126121 A 20111122	DE200910005959;	F03D007/02; F03D007/04;	AVANTIS LTD;	SWITCHGEAR CUBICLE ARRANGEMENT



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KR20110126564 A 20111123	KR20110050975;	F03D011/02; F03D009/02; F03B013/00;	KIM JUU HWAN;	FRICTIONAL FORCE
KR20110126787 A 20111124	KR20100046240;	B66F003/08; F03D011/00; B63B035/44; E02B017/08;	DAEWOO SHIPBUILDING & AMP MARINE ENGINEERING CO LTD;	OFFSHORE WIND TURBINE INSTALLATION VESSEL
KR20110126801 A 20111124	KR20100046261;	F03D011/00; F03D011/04; F03D005/00;	HAN GI OAN;JI MOON YOUNG;	FLOATING TYPE WIND POWER GENERATOR
KR20110127346 A 20111125	KR20100046769;	F03D011/02; F03D003/00; F03D011/00;	HA YUN HWANG;WORK E;	MAGNETIC LEVITATION WIND TURBINE
KR20110127445 A 20111125	KR20100046930;	F03D009/00;	KIM JONG KEUN;TAE KYUNG IND CO LTD;	WIND POWER GENERATION USING THE STORM FROM AIRPLANE AND THE METHOD FORGENERATING WIND POWER
KR20110127449 A 20111125	KR20100046944;	B63B035/73; B63J099/00; F03D011/00; H01L031/42;	KIM TAE HAN;LEE SOON GWANG;	SELF MOTIVATING YACHT
KR20110127630 A 20111125	KR20110104393;	F03D001/00; F03D011/02;	MOKPO NAT UNIVERSITY INDUSTRY ACADEMIA COOPERATION GROUP;	WIND TURBINE SYSTEM USING A BLADE WHEEL AND A CHAIN
KR20110127926 A 20111128	KR20100047450;	F03D011/00; F03D011/02; F03D003/06;	YOON PIL;	WIND WHEEL OF WIND FORCE GENERATOR OF ELECTRIC CURRENT
KR20110128043 A 20111128	KR20100047639;	F16N007/36; F03D011/00; F03D011/02;	DOOSAN MOTTROL CO LTD;	THE LUBRICATION SYSTEM OF THE AEROGENERATOR

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KR20110128054 A 20111128	KR20100047653;	F03D011/02;	DOOSAN MOTTROL CO LTD;	THE LUBRICATION SYSTEM OF THE AERO GENERATOR
KR20110128060 A 20111128	KR20100047665;	F03D011/02;	DOOSAN MOTTROL CO LTD;	THE LUBRICATION SYSTEM OF THE AERO GENERATOR
KR20110128062 A 20111128	KR20100047671;	F03D011/00; F03D011/02;	DOOSAN MOTTROL CO LTD;	THE LUBRICATION SYSTEM OF THE AERO GENERATOR
KR20110128176 A 20111128	DE200910006017;	F03D009/00;	AVANTIS LTD;	MAGNET RING OF A MULTI-POLE GENERATOR FOR A WIND TURBINE
KR20110128177 A 20111128	DE200910005956;	F03D009/00;	AVANTIS LTD;	MARGNET RING OF A MULTI-POLE GENERATOR FOR A WIND TURBINE
KR20110128381 A 20111130	KR20100047781;	F21S009/03; F03D009/00; E01F015/00;	YOON HAE YOUNG;	THE SHOWING THE WAY MEDIAN STRIP WHICH USES WIND FORCE AND SOLAR SELL
KR20110128417 A 20111130	KR20100047850;	F03D003/00; F03D011/02;	YOON PIL;	WIND FORCE GENERATOR OF ELECTRIC CURRENT
KR20110128460 A 20111130	KR20100047918;	F03D001/04; F03D011/04; F03D009/00;	KIM JUEN SOO;	OFFSHORE WIND POWER PLANT INSTALLING METHOD AND THE POWER PLANTINSTALLED THEREBY
KR20110129126 A 20111201	KR20100048574;	F03D003/06; F03D001/06; F03D011/00;	AHN SEONG JUN;	WIND POWER GENERATOR
KR20110129247 A 20111201	KR20100048782;	F03D009/00;	GS POWER CO LTD;	WIND POWER GENERATING APPRATUS USING CHIMNEY

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KR20110129249 A 20111201	KR20100048786;	F03D001/04; F03D009/00; F24F007/00;	GS POWER CO LTD;	WIND POWER GENERATING APPRATUS USING HIGH-RISE BUILDING
KR20110129251 A 20111201	KR20100048790;	F03D009/00; F03D001/04;	CHO JAE MIN;	WIND POWER GENERATING APPRATUS USING POWER-TRANSMISSION TOWER
KR20110129569 A 20111202	KR20100049017;	F03D009/00; F03D011/00; F03D001/00;	BOORIM E & AMP C CO LTD; UNIM CO LTD;	NOISE INTERFERENCE DEVICE WITH GENERATING ELECTRICITY BY WIND
KR20110129578 A 20111202	KR20100049037;	F03D003/06; F03D011/00;	G & AMP G MC CO LTD;	OVERLOAD PREVENTION FOR WING DEVICE
KR20110129580 A 20111202	KR20100049039;	F03D007/00; F03D003/06; F03D009/02; F03D011/02;	G & AMP G MC CO LTD;	STORAGE DEVICE HAVING WIND POWER GENERATOR
KR20110129582 A 20111202	KR20100049042;	F03D003/00; F03D011/02; F03D009/02;	G & AMP G MC CO LTD;	AIR COMPRESSOR FOR WIND POWER GENERATOR WITH VERTICAL AXIS TYPE
KR20110129850 A 20111202	KR20117012281;	F03D011/00; H01R011/11; H02G003/30;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND CABLE SUPPORTING STRUCTURE FOR USE THEREIN
KR20110130020 A 20111205	KR20100049425;	F03D011/00; F03D001/06;	SAMSUNG HEAVY IND;	AEROGENERATOR
KR20110130215 A 20111205	KR20100049747;	F03D009/00; F03D001/04;	MIN SUN YUNG; MIN SUNG GI;	OMITTED
KR20110130225 A 20111205	KR20100049766;	F03D003/06; F03D007/06; F03D003/04;	FS R & AMP T CO LTD;	VERTICAL SHAFT TYPE TURBINE FOR WIND POWER GENERATOR

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KR20110130232 A 20111205	KR20100049777;	F03D003/06; F03D007/06; F03D003/04;	CHOI KYONG CHUL;	VERTICAL SHAFT TYPE TURBINE FOR WIND POWER GENERATOR
KR20110130429 A 20111205	EP20090153330;	F03D011/04; B63B001/00; F03D001/00;	XEMC DARWIND B V;	OFFSHORE WIND PARK
KR20110130578 A 20111206	KR20100049973;	F24J002/00; F03D003/04; F03D001/04; F03D009/00;	KUMOH NAT INST OF TECHNOLOGY INDUSTRY ACADEMIC COOPERATION FOUNDATION;	WIND POWER GENERATOR WITH REDUCED NOISE
KR20110131024 A 20111206	KR20100050631;	F03D003/06; F03D003/04; F03D011/02; F03D011/00;	JU YOUNG DAE;	WIND POWER CONVERTING APPARATUS
KR20110131051 A 20111206	KR20100050677;	F03D003/06; F03D011/00; F03D007/06; F03D003/04;	JANG JONG KI;	WIND POWER GENERATION SYSTEM FOR INCREASING OUTSIDE ROTARY MOMENT
KR20110131169 A 20111206	KR20117012174;	F03D011/00; F03D011/02;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
KR20110131185 A 20111206	DE200910010035; DE200910017301;	F16D001/08; F16C003/00; F16D001/06; F16H057/00;	BOSCH GMBH ROBERT;	GEAR TRANSMISSION HAVING A GEAR WHEEL ARRANGED ON A HOLLOW SHAFT AND WIND POWER PLANT
KR20110131329 A 20111207	KR20100050697;	F03D003/06; F03D011/00;	EJEN CO LTD;	USING THE BLADE, AND IT INCREASED WIND POWER GENERATION WIND TURBINES
KR20110131331 A 20111207	KR20100050700;	F03D003/06; F03D011/00;	SEO ELECTRONICS;	BLADE FOR WIND GENERATOR

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KR20110131840 A 20111207	KR20100051486;	B60L008/00; F03D009/00;	CHOI JUNG SOO;	ELECTRIC VEHICLE IN CHARGE WIND POWER GENERATION
KR20110132054 A 20111207	KR20100051855;	F03D007/06; F03D011/02; F03D003/06;	LEE IN NAM;	WIND POWER GENERATOR HAVING WINDMILL WINGS BASED VARIABLE
KR20110132153 A 20111207	KR20100052003;	B63B021/00; B63B035/44; F03D011/00;	SAMSUNG HEAVY IND;	WIND TURBINE INSTALLATION VESSEL
KR20110132798 A 20111209	KR20100052337;	F03D003/06; F03D011/02; F03D007/06;	SONG KIL BONG;	WIND TURBINE GENERATOR APPARATUS
KR20110132859 A 20111209	KR20100052430;	F03D003/06; F03D011/02;	KIM JONG PIL;	WIND GENERATOR
KR20110132876 A 20111209	KR20100052458;	F03D007/06; F03D003/06;	KIM HEUNG SUNG;	GENERATOR
KR20110133121 A 20111212	KR20100052678;	F03D011/02; F03D011/00; F03D005/04; F03D003/00;	CHUN YOUNG MO;	WIND GENERATOR
KR20110133334 A 20111212	KR20100053006;	F03D009/00; F03D001/00;	PYO SIK MAN;	ENERGY GENERATING METHOD WHICH USES AN AIR CONVECTION
KR20110133510 A 20111213	KR20100053105;	F03D007/06; F03D003/00; F03D011/02; F03D007/00;	HWANG YOUNG JEA;PARK JUNG JE;	WIND GENERATOR

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KR20110133625 A 20111213	DE200910003691;	F03D007/02;	SSB WIND SYSTEMS GMBH & AMP CO KG;	BLADE ANGLE ADJUSTMENT DRIVE FOR A WIND TURBINE
KR20110133707 A 20111214	KR20100053235;	F03D011/04; B63B035/44;	DAEWOO SHIPBUILDING & AMP MARINE ENGINEERING CO LTD;	FLOATING STRUCTURE FOR CONSTRUCTING WIND POWER PLANT
KR20110133979 A 20111214	KR20100053701;	F03D011/04; F03D011/00; F03D003/06;	JEON WON CO LTD;	BLADE STRUCTURE INCLUDING POCKET TYPE BLADE AND DARRIEUS TYPE ROTATINGDEVICE EQUIPPED THEREWITH
KR20110134256 A 20111214	KR20107026806;	F03D011/00;	AREVA WIND GMBH;	PANELING OF A NACELLE OF A WIND ENERGY INSTALLATION
KR20110134580 A 20111215	KR20100054204;	F03G007/00; F03B013/00; F03D011/02;	KWON JONG HYOUN;	AN INDEPENDENT ELECTRIC POWER MACHINE AND WIND POWER GENERATIONMACHINE WHICH USES AN INDEPENDENT ELECTRIC POWER MACHINE AND GENERATION OF HYDROELECTRIC POWER MACHINE WHICH USES AN INDEPENDENT ELECTRIC POWER MACHINE
KR20110135461 A 20111219	KR20100055187;	H02J003/00; F03D007/00;	ER POWER CO LTD;	WIND POWER MONITORING SYSTEM
KR20110135634 A 20111219	KR20100055477;	F03D011/04; F03D011/02; H01L031/42; F03D001/04;	JANG JONG KI;	COMPLEXED WIND POWER GENERATION SYSTEM FOR INCREASING GENERATIONEFFICIENCY
KR20110135647 A 20111219	KR20100055493;	F03D011/00; F03D001/00;	SAMSUNG HEAVY IND;	APPARATUS FOR URGENTLY FIXING BLADE OF WIND POWER GENERATOR

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KR20110135915 A 20111220	KR20117012010;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
KR20110136262 A 20111221	KR20100056140;	F03D003/06; F03D011/00;	KIM DOO HWAN;	WIND-ACCELERATION DEVICE FOR WINDMILL
KR20110136296 A 20111221	KR20100056188;	F03D011/00; F03D011/02; F03D001/06;	SAMSUNG HEAVY IND;	BLADES FOR WIND TURBINE AND WIND TURBINE THEREWITH
KR20110136512 A 20111221	KR20100056585;	F16N013/02; F03D011/00;	AHWON CORP;	WIND POWER GENERATOR
KR20110136530 A 20111221	KR20100056610;	E01F015/00; F03D009/00;	HONG SUN TAE;	MEDIAN STRIP FOR ROAD
KR20110136666 A 20111221	KR20100057340;	F03D011/00; F03D003/06;	CHO KWANG SHIK;	VERTICAL AXIS WIND POWR SYSTEM
KR20110136669 A 20111221	KR20100055765;	F03D011/00; F03D003/06;	KIM UN SU;	WIND POWER GENERATION SYSTEM CONTROLLED THE LENGTH OF FAN AUTOMATICALLY
KR20110136739 A 20111221	KR20100056445;	F03B017/00; F03B013/00; F03D011/02; F03D009/02;	LEE HAN YEOL;	WIND POWER GENERATION SYSTEM
KR20110137411 A 20111223	KR20100057323;	F03D007/00; F03D011/04; F03D007/02;	BARK SU MIN;	ADD-JOINTS WIND POWER GENERATOR

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KR20110137417 A 20111223	KR20100057333;	F03D007/02; F03D007/04; F03D003/06; F03D011/02;	NAT UNIV CHONBUK IND COOP FOUN;	A WIND TURBINE WITH FOLDING BLADES
KR20110137465 A 20111223	KR20100057415;	E01F009/04; F21S009/02; H01L031/42; F03D009/00;	BOORIM E & AMP C CO LTD;DAEJIN FENCE CO LTD;	DELINEATOR OF HYBRID TYPE
KR20110137489 A 20111223	KR20100057463;	F03D003/04; F03D011/00; F03D003/06;	LEE JOON YUL;	AIRFOIL AND HORIZONTAL TYPE WINDMILL USING THEREOF
KR20110137618 A 20111223	KR20100057645;	F02G005/02; B63H021/32; B63J099/00; F03D011/00;	HYUN DAI HEAVY IND CO LTD;	ELECTRICAL POWER GENERATING DEVICE USING HEAT OF EXHAUSTION GAS OF SHIP
KR20110137830 A 20111223	DE200910017325;	H02K009/0197;	AVANTIS LTD;	GENERATOR COOLING ARRANGEMENT OF A WIND TURBINE
KR20110138041 A 20111226	KR20100058130;	F03D003/02; F03D009/00; F03D011/00;	KANG SEONG KWANG;	WIND POWER GENERATOR
KR20110138638 A 20111228	KR20100058645;	F03D001/00; F03D007/02; F03D011/02;	HYUN DAI HEAVY IND CO LTD;	WIND TURBINE
KR20110139185 A 20111228	KR20117011760;	F03D001/06;	MITSUBISHI HEAVY IND LTD;	DEVICE AND METHOD FOR CONTROLLING WIND TURBINE
KR20110139811 A 20111230	KR20100059859;	F03D011/00; F03D003/04;	MUN SUNG JUN;	VERTICAL AXIS TYPE WIND POWER GENERATOR



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KR20110139957 A 20111230	KR20100060097;	F03D011/00; F03D011/02;	SAMSUNG HEAVY IND;	POWERTRAIN UNIT FOR WINDMILL
LU91687 A1 20111114	LU20100091687;	F03D003/06;	NOVO EN SARL;	ROTOR ZUR WIND- UND WASSERKRAFTNUTZUNG
MA32576 B1 20110801	EP20080163198;E P20080167878;	F04B035/00; F03D009/00;	DUTCH RAINMAKER B V;	TURBINE
MA32710 B1 20111002	US20080173420;W O2008IB03790;	F03D011/04; B64B001/66; B64B001/50; B64B001/40; F03D003/00;	CABINET AKSIMAN;MAGENN POWER INC;	SYSTEME ET PROCEDES POUR EOLIENNES AMARREES
MA32746 B1 20111101	MA20100032797;	F03D003/00;	LAKHAL HASNA;	SYSTEME DES PALES SOUS FORME DES PORTES QUI TRANSFORME L'ENERGIEMECANIQUE (VENT) EN ENERGIE ELECTRIQUE
MA32864 B1 20111201	MA20100032863;	F03D003/00;	H & H CONSULTING LAW FIRM;UNIV INTERNATIONALE DE RABAT;	EOLIENNE DOMESTIQUE
MX2010000544 A 20110714	MX20100000544;	F03D001/00; F03D005/00; F03D007/00; F03D003/00;	MAGALLON GABRIEL MANCILLA;	ELECTRICAL ENERGY GENERATOR HAVING A HELICOIDAL CYLINDRICAL BLADE ANDUSE OF A DRIVE BELT.
MX2011000722 A 20110812	US20080081960P; WO2009US51053;	F03D005/00; F03D005/06;	BASELOAD ENERGY INC;	TETHER HANDLING FOR AIRBORNE ELECTRICITY GENERATORS.

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MX2011001059 A 20110728	US20100299540P; US20100829111;	F03D011/00;	AMERICAN WIRE GROUP INC;	WIND TURBINE CONFIGURATION WITH POWER CABLE AND METHOD OF ELECTRICALLYCONNECTING A GENERATOR OF A WIND TURBINE TO A TRANSFORMER.
MX2011008024 A 20110817	DK20090000216;U S20090153083P;W O2010EP51842;	F03D001/06;	VESTAS WIND SYS AS;	A ROTOR BLADE FOR A WIND TURBINE AND A METHOD FOR MAKING THE SAME.
MY144373 A 20110912	MYPI20095105;	F03D009/00;	WCL GLOBAL CORP SDN BHD;	POLY-MAGNETIC WIND FUNNEL POWER SYSTEM
NL2004144C C 20110726	NL20102004144;	B63B035/00; E02B017/00; F03D001/00; B63B027/08;	MAMMOET EUROP B V;	APPARATUS AND METHOD FOR PLACEMENT OF A CONSTRUCTION ON THE BOTTOM OFTHE SEA.
NL2004508C C 20111004	NL20102004508;	H02K029/03; H02K001/27; F03D009/00;	MAGNETIC INNOVATIONS B V;	ELEKTROMOTOR EN/OF -GENERATOR, ALSMEDE WINDTURBINE VOORZIEN VAN DEELEKTROMOTOR EN/OF -GENERATOR.
NL2004789C C 20111201	NL20102004789;	F03D007/02;	WINDCHALLENGE B V;	WIND TURBINE.
NL2004871C C 20111213	NL20102004871;	B66F011/04; B66C023/26; F03D001/00;	SPECIAL BLADE SERVICE B V;	HOOGWERKER VOOR WINDTURBINES.
NL2004987C C 20111229	NL20102004987;	E02D027/42; F03D001/00;	IHC HOLLAND IE BV;	LIFTINRICHTING EN WERKWIJZE VOOR HET POSITIONEREN VAN EEN LOG OBJECT.
NL2005954C C 20111201	NL20102004789;N L20112005954;	F03D007/02;	WINDCHALLENGE B V;	WIND TURBINE.

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NL2007638 A 20111117	NL20112007638;	F01D025/24; F01D025/30; F03D003/04;	SCHEEPERS BEHEER B V;	TURBINE, BIJ VOORKEUR EEN HYDRAULISCHE RADIAALTURBINE, EEN WINDTURBINE EEN SYSTEEM OMVATTENDE EEN TURBINE.
NO20100323 A 20110819	NO20100000246;N O20100000323;	F03D011/04; F03D011/00;	AKER MARINE CONTRACTORS AS;	FREMGANGSMATE OG UTSTYRSARRANGEMENT FOR TRANSPORT AV VINDMOLLENEHETER.
NO20100398 A 20110919	NO20100000398;	F03D011/04; E02B017/02; B63B035/00;	SEATOWER AS;	INNRETNING FOR BEDRING AV FLYTENDE STRUKTURERS FLYTESTABILITET OGFLYTEEVNE
NO20100751 A 20111122	NO20100000751;	B63B027/08; F03D011/00; B63B027/00; B63B023/00;	HELGE S HANSEN EIENDOMSSKAP;	ANORDNING FOR TILKOMST TIL EN OFFSHORE VINDMOLLE
NO20100941 A 20111230	NO20100000941;	F03D003/04;	BLASKO MILAN;	VINDTURBIN
NO20110235 A 20110704	NO20110000235;	F03D011/00;	MODI VIVENDI AS;	METODER OG SYSTEMER FOR OPTIMALISERT VINDTURBIN PARK - KONFIGURERING MED SPESIELL FOKUS PÅ MODULÆRE (OFFSHORE) VINDTURBIN FUNDAMENTER.
NO330752B B1 20110704	DE20011027454;W O2002EP04484;	F03D007/02; H01H019/62; F03D011/00; F03D007/04;	WOBEN ALOYS;	VINDENERGIANLEGG MED EN KOPLINGSINNRETNING MED EN BETJENINGSAKSEL
NO331344B B1 20111205	NO20100001237;	F03D011/04;	AKER MH AS;	HOLDEANORDNING
NO331391B B1 20111212	NO20100000194;	F03D011/02; F16H055/17; F16H055/12;	FOBOX AS;	TRANSMISJON FOR VINDMOLLE

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NO331394B B1 20111212	NO20100000535;	F03D011/04;	JAHR ODD;	FREMGANGSMATE MED TILHORENDE ANORDNINGER FOR VEDLIKEHOLD, REPARASJON OG UTSKIFTING AV STORRE ELLER MASKINKOMPONENTER FOR VINDMOLLER TIL SJOS
NO331398B B1 20111219	NO20100000906;	F03B013/14;	HAVKRAFT AS;	HAVBOLGEENERGISYSTEM OG FREMGANGSMATER FOR DRIFT DERAV
NZ568837 A 20110729	US20060760407P; WO2006US27660;	H02P009/04; H02P009/08; H02P003/24; F03D009/00; H02P025/18; H02P003/22;	SOUTHWEST WINDPOWER INC;	INCREASING CURRENT BASED TORQUE OPPOSING OPERATION OF A WIND TURBINENWHEN A THRESHOLD OR CONDITION IS MET
NZ570534 A 20111028	US20060333488;W O2007US01017;	F01D005/14; F03D001/06;	HERBERT L WILLIAMS;	WIND TURBINE WITH BLADES FORMED FROM TAUGHT CABLES COVERED WITH A SKIN
NZ570864 A 20110930	US20060407733;U S20060763577P;U S20060834232P;W O2007US02706;	F03D009/02; F03D009/00; H02P009/04; F02C006/16; F03G006/06; F02C001/02;	BEN M ENIS;PAUL LIEBERMAN;	AN IMPROVED METHOD OF TRANSPORTING AND STORING WIND GENERATED ENERGYUSING A PIPELINE
NZ573203 A 20110729	US20060448640;W O2007US13554;	F03D005/04; F03D009/00; F03B009/00; F03B013/18; H02K007/18;	OCEANA ENERGY COMPANY;	GENERATING ELECTRICITY FROM FLUID CURRENTS USING TROLLEY ROTATING ONCLOSED-LOOP TRACK
NZ577700 A 20111222	WO2006JP325393; WO2007JP74303;	F03D011/04;	SHIGERU SATO;YOSHIMASA HASHIMOTO;	WIND POWER GENERATOR INCLUDING A WIND TUNNEL FED FROM A TOWER
NZ582987 A 20110930	DE20031005543;N Z20040541554;	F03D001/00; F03D001/06;	ALOYS WOBLEN;	A ROTOR BLADE OF A WIND POWER INSTALLATION HAVING A HOLE TO AIDHANDLING IN A CENTRAL PORTION OF THE BLADE

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NZ583211 A 20110729	NZ20100583211;	F03D001/04; F03D009/00; H02P009/04;	RAYMOND GREEN;	WIND POWER APPARATUS
NZ585056 A 20111125	EP20090008270;	F03D007/04;	SIEMENS AG;	CONTROLLING THE YAWING OF A WIND TURBINE BY MEASURING WIND IN A CHANNEL IN THE HUB
NZ587247 A 20110826	EP20080019186;N Z20090580892;	E02D027/42; E02D027/32; F03D011/04;	SIEMENS AG;	A SEGMENTED WIND TURBINE FOUNDATION CONNECTED TO A PRE-FORMED BASEPLATE BY POURED CONCRETE AND REBAR
NZ587446 A 20110826	EP20090010467;	B32B005/16; F03D001/06; B29C070/12;	SIEMENS AG;	FIBER REINFORCED PLASTIC-STRUCTURE WITH CHOPPED FIBER MAT PROVIDED BETWEEN ADJACENT ELEMENTS PRIOR TO GLUING
NZ587735 A 20110729	EP20090013910;	F01D025/12; H02K005/20; H02K009/22; H02K015/00; H02K007/18; H02K009/19; F03D009/00;	SIEMENS AG;	A GENERATOR OF A WIND TURBINE WITH A COOLING ARRANGEMENT IN WHICH COOLING CHANNEL IS SANDWICHED BETWEEN STATOR ARRANGEMENT AND A SUPPORT STRUCTURE
NZ587736 A 20110930	EP20090014631;	F03D001/00; F03D011/00;	SIEMENS AG;	SWING DOWN INSTRUMENT BAR FOR A WIND TURBINE NACELLE
NZ587737 A 20110930	EP20090014632;	H02K009/19; H02K009/00; F03D011/00;	SIEMENS AG;	A HINGED RADIATOR FOR A WIND TURBINE NACELLE THAT PIVOTS TO REDUCE THE OVERALL HEIGHT WHILE TRANSPORTING
NZ587739 A 20110930	EP20090014633;	H02K009/00; H02K005/22; F03D011/00; H02K009/19;	SIEMENS AG;	A RADIATOR GUIDE FOR A WIND TURBINE NACELLE TO ALIGN THE RADIATOR WHEN FITTED AND BE ACCESSIBLE FROM INSIDE
NZ589529 A 20110729	EP20090014766;	H02K007/0102; F03D009/00; F03D011/00; H02K007/18;	SIEMENS AG;	BRAKE SYSTEM, GENERATOR AND WIND TURBINE

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NZ589530 A 20110826	EP20090014765;	F03D011/00;	SIEMENS AG;	BRAKE SYSTEM FOR WIND TURBINE WITH ROTOR LOCK HAVING OUTER ROTOR HAVING RECESSES AND INNER STATOR HAVING PISTON TO ENGAGE IN RECESSES
NZ589730 A 20110930	EP20090015204;	F03D011/00; H02K003/32; H02K001/28; H02K001/27; H02K021/22; H02K001/06; H02K001/22;	SIEMENS AG;	COMPENSATING A NON-UNIFORM AIR GAP OF AN ELECTRIC MACHINE BY VARYING THE FLUX DENSITY ACROSS THE GAP
PL118785U U1 20110829	PL20100118785U;	F03D003/06; F03D007/06; F03D003/04; F03D003/00; F03D009/00; F03D011/04;	GRADZKI BOGUSLAW; SZCZYPINSKI DANIEL;	WIND TURBINE
PL118876U U1 20110926	PL20100118876U;	B60L008/00; F03D003/04;	WALENTYN BARTOSZ LUKASZ;	ELECTRIC VEHICLE WITH AN AIR TURBINE
PL118879U U1 20110926	PL20100118879U;	F03D003/06; F03D003/00;	WIATRAK WIESLAW;	WINDMILL WITH SELF-ALIGNING BLADES
PL389987 A1 20110704	PL20090389987;	F03D003/02; F03D003/04;	CZAPKA ANDRZEJ;	WIND TURBINE
PL390030 A1 20110704	PL20090390030;	F03D003/06; F03D003/00;	LAZUR ZBIGNIEW;	THE ROTOR OF A WIND TURBINE WITH A VERTICAL AXIS
PL390031 A1 20110704	PL20090390031;	F03D003/06; F03D003/00;	LAZUR ZBIGNIEW;	THE ROTOR OF A WIND TURBINE WITH A VERTICAL AXIS

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PL390161 A1 20110718	PL20100390161;	F03B001/00; F03D003/00; F03D003/06;	STRUSKA MAGDALENA;STRUSKI ANDRZEJ;	RING TURBINE
PL390205 A1 20110801	PL20100390205;	F03D003/00; F03D003/04; F03D011/04; F03D003/02; F03D007/06;	JANKOWSKI MARIUSZ;LIS MARCIN;TYLKOWSKI LUKASZ;	WIND TURBINE WITH VERTICAL REVOLUTION AXIS
PL390380 A1 20110816	PL20100390380;	H02J003/38; F03D009/00;	DERDA EMIL PRZEDSIĘBIORSTWO HANDLOWO USŁUGOWE R DERDA;	POWER HYBRID AS A METHOD FOR BALANCING THE AMOUNT OF ELECTRICITY SUPPLIED TO THE POWER NETWORK BY WIND FARMS AND BIOGAS PLANTS AND A SOLUTION FOR MAXIMIZATION THE USE OF THE PRODUCED BIOGAS
PL390527 A1 20110829	PL20100390527;	F03D011/04; F03D003/00; F03D003/06;	LAZUR ZBIGNIEW;	THE ROTOR OF A WIND TURBINE WITH A VERTICAL SHAFT
PL390976 A1 20111024	PL20100390976;	F03D003/06; F03D009/00; F03D011/04; F03D003/00;	ANEW INST SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA;	HIGH-POWER WIND POWER PLANT
PL391311 A1 20111205	PL20100391311;	F03D003/06; F03D001/06;	MARCINIAK KRYSTIAN;	PROPELLER FOR DRIVING ROTORS
PL391322 A1 20111205	PL20100391322;	F03D003/06;	ZUREK CEZARY;	SAIL TURBINE
PL391515 A1 20111219	PL20100391515;	F03D003/06; F03D011/04; F03D007/06; F03D003/00;	JASINSKI PIOTR;	WIND POWER PLANT

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PL391528 A1 20111219	PL20100391528;	F03D003/02; F03D003/06; F03D003/04; F03D011/04;	SIGMA SPOLKA AKCYJNA;	WIND TURBINE
PL394173 A1 20111024	PL20110394173;	F03D003/00; F03D003/06;	FUKS JAN;	ASYNCHRONOUS WIND TURBINE IN THE SYSTEM OF TWO BROKEN THROUGH BLADES OF ANY SHAPE
PT1985334E E 20110714	DE20021005373;	A62C003/00; A62C003/16; A62C099/00; A62C005/00; H01M008/00; F03D011/00;	WOBLEN ALOYS;	FIRE PROTECTION FOR WIND ENERGY PLANT
RO123379 B1 20111230	RO20080000833;	F03D003/06; F03D007/04;	ROKURA APLICATII IND S R L;	WIND TURBINE WITH AUTOMATIC BLADE CONTROL
RO125115 B1 20111130	RO20090000453;	F03G007/04; F03D003/00; F03D001/04;	STANESCU SERBAN;	AEOLIAN TOWER WITH STREAM ACCELERATION THROUGH AIR GENERATORS
RO125116 B1 20110830	RO20080000449;	F03D011/02; F03B015/06; F03D009/00;	PETRESCU NICULAE;	WIND SYSTEM FOR PROVIDING THERMAL AND ELECTRIC POWER
RO125352 B1 20110729	RO20080000540;	H02K007/18; F03D009/00; H02K003/04;	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU ING ELECTRICA ICPE CA;	MULTIPHASE MULTIPOLAR WIND GENERATOR WITH PERMANENT MAGNETS INSIDE THE INDUCTOR
RO125729 B1 20110729	RO20090000232;	F03D003/00;	MARIAN EMIL;	WIND TURBINE
RO125868 B1 20111028	RO20090000199;	F03D007/00;	STANASILA VIRGIL-CORNE;	TRANSVERSE FAN



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RO125916 B1 20110729	RO20090000450;	F03D001/04; F03D001/00;	VALCULESCU N IOAN;	WIND-DRIVEN ELECTRIC GENERATOR
RO126488 A0 20110729	RO20110000192;	F03D001/04; F03D001/00;	SUPURAN CORVIN EDUARD;	SONIC-HYDRAULIC SYSTEM FOR TRANSMITTING WIND AND WAVES ENERGY IN ORDER TO GENERATE ELECTRIC POWER
RO126489 A2 20110729	RO20090001065;	F03D003/04; F03D003/06; F03D003/02;	POPA MIHAI;	WIND ROTOR WITH MOVABLE BLADES
RO126688 A2 20110930	RO20050000838;	F03D001/04; F03D007/06;	BREAZ LAURENTIU-DUMITRU;	WIND POWER GENERATOR
RO126689 A2 20110930	RO20050000837;	F03D007/06; F03D001/04;	BREAZ LAURENTIU DUMITRU;	WIND POWER GENERATOR
RO126690 A2 20110930	RO20100000263;	F03D011/04;	UNIV TEHNICA GHEORGHE ASACHI DIN IASI;	PROTECTIVE MECHANISM FOR LOW-POWER HORIZONTAL WIND TURBINES
RO126772 A0 20111028	RO20110000480;	F03D001/04;	UNIV TEHNICA DE CONSTRUCTII DIN BUCURESTI;	OPTIMIZED ANNULAR HOUSING FOR HORIZONTAL SHAFT WIND TURBINES
RO126773 A2 20111028	RO20100000221;	F03D001/06; F03D009/00; F03D003/06;	ARGHIRESCU MARIUS;	WEAK WIND TURBINE WITH EMBEDDED MAGNETO-ELECTRIC GENERATOR
RO126774 A0 20111028	RO20110000242;	F03D003/00;	AEROSTAR S A;	METHOD OF ACCELERATING THE BOUNDARY LAYER AND BLADE FOR WINDMILLS

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RO126960 A0 20111230	RO20110000462;	F03D009/00; F24J002/00;	TUDOR DARIE;VOINEA MIRELA;VRANCEANU CLAUDIA AMELIA;VRANCEANU CONSTANTIN;	ENERGY STORING DEVICE
RO201000059U U1 20111028	RO20100000059U;	F03D003/02;	PUPAZAN TEODORU GHEORGHE;	MIXED WIND TURBINE WITH VERTICAL SHAFT
RS20090129 A 20110831	RSP20090129;	F03G007/08; F03D009/00; F03D009/02; F03G007/00;		ACCUMULATION OF NATURAL ENERGY AND RESISTANCE ENERGY DURING VEHICLEMOVEMENT BY APPLYING AIR PUMPS
RS20090409 A 20110831	RSP20090409;	F03D011/04;		SYSTEM FOR INSTALLING WINDMILLS ON OVERHEAD TRANSMISSION TOWERS ANDSUPPORTING STRUCTURES OF RAIL VEHICLE CONTACT NETWORKS
RU2009149279 A 20110710	RU20090149279;	F03D003/00;	KOPKOV GENNADIJ ALEKSANDROVICH;	HIGH-DUTY WIND-DRIVEN POWER PLANT
RU2010100330 A 20110720	RU20100100330;	F03D001/06;	SHCHEPOCHKINA JULIJA ALEKSEEVNA;	WINDWHEEL
RU2010100676 A 20110720	RU20100100676;	F22B027/00; F03D009/00;	SERDECHNYJ ALEKSANDR SEMENOVICH;SERDECHNYJ ALEKSEJ ALEKSANDROVICH;	ECOLOGICALLY SAFE AND NON-HAZARDOUS THERMAL ELECTRIC POWER STATION

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RU2010100699 A 20110720	RU20100100699;	F03B013/12; F03D003/04;	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ASTRAKHANSKIY GU AGU;	WIND-WAVE POWER PLANT
RU2010101578 A 20110727	RU20100101578;	F03D009/00;	FEDERAL NOE G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ORENBURGSKIY G AG;	HYBRID-TYPE WIND-DRIVEN POWER PLANT
RU2010103876 A 20110810	RU20100103876;	F03D003/00;	JAKIMOV VADIM IVANOVICH;	WIND MOTOR
RU2010107909 A 20110910	RU20100107909;	F03D007/00;	BELASHOV ALEKSEJ NIKOLAEVICH;	BELASHOV MODULAR POWER PLANT
RU2423773 C1 20110710	RU20100127574;	H02K003/47; F03D003/06; H02K016/02;	G RAKETNYJ TS IM AKADEMIKA V P MAKEEVA AOOT;	ELECTRIC GENERATOR FOR WIND-DRIVEN PLANT
RU2425249 C1 20110727	RU20100120728;	F03D001/06; F03D001/04;	IVANAJSKAJA TAT JANA SERGEEVNA;IVANAJSKIY ALEKSEJ VASIL EVICH;IVANAJSKIY VLADIMIR ALEKSEEVICH;	ROTARY WIND-DRIVEN ELECTRIC POWER STATION
RU2425250 C1 20110727	RU20100104290;	F03D003/04;	ZAJTSEV VIKTOR ALEKSEEVICH;	WIND MOTOR ON BASIS OF AERODYNAMIC SHIELD

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RU2426005 C1 20110810	RU20100113663;	F03D003/06; F03D011/04;	LESHCHENKO EVGENIJ NIKOLAEVICH;	ROTOR-TYPE WINDMILL
RU2428585 C1 20110910	RU20100115654;	F03D005/06; F03B017/06;	SAVOST JANOV VALERIJ PAVLOVICH;	CONVERTER OF KINETIC FLOW ENERGY OF CONTINUOUS MEDIUM
RU2429375 C1 20110920	RU20100107852;	F03D009/00;	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJATOM PU;	DOUBLE-ROTOR SOLENOID WIND-DRIVEN GENERATOR
RU2431762 C1 20111020	RU20100105887;	F03D009/00;	FOMIN MAKSIM BORISOVICH;	WATER HEATING WIND-DRIVEN POWER PLANT
RU2432489 C1 20111027	RU20100118008;	F03B007/00; F03D009/00;	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ASTRAKHAN SKIJ GU AGU;	FLOATING POWER PLANT
RU2432492 C2 20111027	RU20090121030;	F03D005/00; F03D003/00;	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK KOMPLEKSNIJ NII RAN;	ENERGY CONVERTER
RU2432494 C2 20111027	RU20090128679;	F03D003/06;	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJAVLADIMIRSKI J GU;	WIND MOTOR OF CAROUSEL-TYPE

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RU2435983 C1 20111210	RU20100117456;	H02K021/24; H02K016/02; F03D009/00; H02K001/27; H02K001/12;	G OBRAZOVATEL NOE UCHREZHDIENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIYANATSIONAL NYJ I SKIJ TOM PU;	DOUBLE-ROTOR TOOTH WIND-DRIVEN GENERATOR
SE1000122 A1 20110810	SE20100000122;	F03D001/00; F03D011/04;	SPEKTRAKON AB;	VINDKRAFTVERK
SE1000123 A1 20110810	SE20100000123;	F03D001/00; F03D011/04;	SPEKTRAKON AB;	LYFTANORDNING FÖR LYFT AV KOMPONENTER INGÅENDE I VINDKRAFTVERK OCHLIKNADE KONSTRUKTIONER
SE1000349 A1 20111009	SE20100000349;	A62C035/11; F16H057/04; F16N017/02;	ARNESSON PER-OLOF;	VÄXELLÅDA, SÄRSKILT FÖR VINDKRAFTVERK
SE1050630 A1 20111219	SE20100050630;	F03D009/00; F24F007/07;	ZAZI DAVID;	EN ANORDNING, EN SYSTEMINSTALLATION OCH ETT FÖRFARANDE
SE1050720 A1 20111206	SE20100050720;	G01B007/31;	ELOS FIXTURLASER AB;	SYSTEM FÖR POSITIONSMÄTNING HOS ETT KOPPLINGSORGAN
SE1100744 A1 20111012	SE20110000744;	F03D011/04;	ABB RESEARCH LTD;	KOMBINATION AV VIND- OCH VÅGKRAFTVERK MED GEMENSAM PLATTFORM
SG175851 A1 20111229	CN20091107195;CN20091107196; WO2010CN72399;		CONG YANG;	PRESSURE REDUCING GAS STORAGE DEVICE, AIR-JET SYSTEM, AND MOTOR VEHICLE
SK1032011U U1 20111004	SK20110000103U;	F03D001/02; F03D011/04; F03B003/02;	BALARA MILAN;	METHOD OF OBTAINING MECHANICAL ENERGY FROM SLOW-FLOWING MEDIA - I

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SK1812011U U1 20111205	SK20110000181U;	F03D009/00; F03B007/00;	BALARA MILAN;	ROTATING GENERATOR MECHANICAL ENERGY FROM SLOW-FLOWING MEDIA - IV
SK500062010 A3 20110905	SK20100050006;	F03D003/04;	BORTEL MILOS;	WIND GENERATOR WITH VERTICAL ROTATION AXIS, PARTICULARLY FOR MOBILE USE
TR200910114 A2 20110822	TR20090010114;	F03D003/00;	KESKIN MUSTAFA;	RÜZGAR TRIBÜNÜ
TR201002636 A2 20110822	TR20100002636;	F03D003/00;	CAKIR OEZER;	BİR RÜZGAR TÜRBİNİ HAREKET SİSTEMİ.
TR201102770U U 20110822	TR20110002770U;	F03D003/00;	NACAR ISMAIL;	YATAY ÇALISAN RÜZGAR MAKINASI.
TR201103354U U 20110921	TR20110003354U;	F03D003/00;	GSR ILERI TEKNOLOJI ENERJİ MUEHENDISLIK MAKİNA İMALAT SANAYİ VETİCARET LTD SİRKETİ;	DIKEY EKSENİ RÜZGAR TÜRBİNİ.
TR201103649T T1 20110921	TR20080008491;	F03D009/00; F03D001/04;	KURBAN ERTUGRUL;SİNEKLİOĞLU NURİ;	DIKEY HAVA AKIMI İLE ÇALISAN ENERJİ SANTRALİ.
TW201122216 A 20110701	TW20090143126;	F03D003/00; F03B017/06;	GU FEI-LONG;	FLOW-CONCENTRATING-TYPE KINETIC ENERGY CONVERTER
TW201122217 A 20110701	TW20090145484;	F03D011/00; F03D001/06;	UNIV FAR EAST;	AIR-BAG TYPE HORIZONTAL WIND TURBINE HAVING FOLDABLE BLADES.
TW201122218 A 20110701	TW20090144093;	F03D011/00; F16D055/02;	HIWIN MIKROSYSTEM CORP;	SHAFT BRAKE MECHANISM OF WIND POWER GENERATOR

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TW201122219 A 20110701	TW20090144610;	F03D011/00;	UNIV FAR EAST;	MUSIC WINDMILL.
TW201122220 A 20110701	TW20090143058;	F03D003/00;	OPEN MINDER GROUP LTD;	WIND POWER GENERATOR
TW201122221 A 20110701	TW20090143789;	F03D003/06;	WANG CHIA-SHENG;	BLADE DEVICE.
TW201122222 A 20110701	TW20090144380;	F03D003/00; F03D003/06;	IND TECH RES INST;	WIND-DRIVING DEVICE AND MODULE USING THE SAME
TW201122223 A 20110701	TW20090144357;T W20100106111;	F03D005/06;	LIAO FU-ZHANG;	WIND-POWERED PROPELLING DEVICE HAVING LATERAL-ROTATING BLADE.
TW201122224 A 20110701	TW20090143633;	F03D009/00;	NAN KAI UNIVERSITY OF TECHNOLOGY;	RENEWABLE ELECTRICITY-GENERATION DEVICE
TW201122225 A 20110701	TW20090143021;	F03D009/02; F03D007/00;	CHANG TING-YU;	A MODULAR INTEGRATED SMALL SCALE WIND POWER GENERATOR SYSTEM
TW201124618 A 20110716	TW20100100098;	F03D011/00; F16M001/04;	MITSUBISHI HEAVY IND LTD;	SINGLE-COLUMN TYPE TOWER POST AND WIND-POWERED ELECTRICITY GENERATINGDEVICE HAVING THE SAME.
TW201124619 A 20110716	TW20100100312;	F03D011/00; F03D003/00;	CHENG CHEN-CHUN;	OMNIBEARING MULTI-LAYER WIND-ENERGY WHEEL TOWER ELECTRICITY GENERATINGSYSTEM.
TW201124620 A 20110716	TW20100100758;	F03D011/00; F03D003/06;	QIU CHUI-NAN;	AND VERTICAL LIFT BLADES.

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TW201124621 A 20110716	TW20100100892;	F03B013/08; F03D009/00;	WANG QI-XIANG;	ELECTRICITY GENERATING DEVICE COMBINING WIND POWER AND HYDROPOWER.
TW201126060 A 20110801	TW20100102148;	F03D001/06;	CHI YUNG-HSIN;	WIND POWER GENERATION DEVICE
TW201126061 A 20110801	TW20100102658;	F03D009/00; F03D011/04;	MITSUBISHI HEAVY IND LTD;	WIND-POWER GENERATOR AND MAINTENANCE METHOD THEREOF
TW201126062 A 20110801	TW20100102659;	F03D011/04;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR
TW201126063 A 20110801	TW20100101552;	F03D011/04; F03D005/00;	TONG ZHANG-HUI;	WIND POWER GENERATOR HAVING WATERPROOF STRUCTURE
TW201126064 A 20110801	TW20100101470;	F03D007/00;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR AND STARTING METHOD OF THE SAME
TW201128063 A 20110816	TW20100103530;	F03D007/02;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR AND ROTATION DIRECTION SWINGING CONTROL METHOD OF THE SAME
TW201128064 A 20110816	TW20100103287;	F03D007/00; F03D007/04;	CHEN MU-KUEN;CHENG CHAO-YUAN;HUANG CHI-YU;	POWER GENERATOR UTILIZING BREEZE
TW201128065 A 20110816	TW20100104160;	F03D007/06;	LIANG ZU-WEI;	IMPROVED STRUCTURE OF WIND POWER GENERATOR
TWM406578U U 20110701	TW20100203506U;	F03D003/00; B63H009/04;	CHAMPION ENGINEERING TECHNOLOGY CO LTD;	PLANETARY-TYPE WINDSURFING MECHANISM AND ITS DEVICE THEREOF



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TWM406651U U 20110701	TW20100217026U;	F03D011/00;	OU YANG JASON;OU YANG JOHNSON;OU YANGJACK;STEED MAGNET PRODUCTS ENTPR CO LTD;	SYSTEM OF VERTICALLY SHAFT TYPE WIND-POWER GENERATOR COVER ON ROOFEQUIPPED WITH LIGHTNING ROD CAPABLE OF BEING REPAIRED FROM THE SAME
TWM406652U U 20110701	TW100202170U;	F03D003/00;	ZENG XIAN-SHAO;	BUTTERFLY TYPE VERTICAL SHAFT WIND-POWER GENERATOR
TWM407264U U 20110711	TW20100222902U;	F24J002/20; E04D013/18; F03D001/00;	VICTORLONG CO LTD;	ENERGY-SAVING MULTIFUNCTIONAL ROOF DEVICE
TWM407612U U 20110721	TW100201253U;	F03B013/14; F03B001/00; A01K061/00; F03D009/00;	CHAOYANG UNIVERSITY OF TECHNOLOGY;	DEVICE OF OCEANIC CULTIVATION AND ENERGY GENERATION
TWM407957U U 20110721	TW100200512U;	F03D001/02; F01N001/02;	UNIV FAR EAST;	NOISE-REDUCTION DEVICE OF BLADE-TYPE WIND-POWER MACHINE
TWM407959U U 20110721	TW100201233U;	F03D001/00;	UNIV FAR EAST;	WIND-GUIDING NOISE-REDUCTION DEVICE OF WIND-COVER TYPE WIND TURBINE
TWM407960U U 20110721	TW100201064U;	F03D001/04;	LU XIAO-TING;	WIND POWER GENERATION DEVICE
TWM407961U U 20110721	TW20100220927U;	F03D011/00;	CHEN WEI-LUN;HI VAWT TECHNOLOGY CORP;LIN YU-HUANG;	ELECTRICAL ENERGY CONVERSION DEVICE FOR WIND-POWER GENERATION
TWM407962U U 20110721	TW100204138U;	F03D005/00;	CHEN JUN-CHENG;YAO PENG-FEI;	WIND POWER GENERATOR

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TWM408184U U 20110721	TW100201033U;	H02J007/32; F03D001/00;	CHANG LIANG-TE;LIN HSIEN-YANG;LINKUEN-YI;SHEN SUNG-SHIOU;	WIND-POWER PIEZOELECTRIC CHARGER
TWM408619U U 20110801	TW100201487U;	F03D007/04;	HU SHEY-YUEH;	WIND POWER GENERATING STRUCTURE
TWM409301U U 20110811	TW100202461U;	F03D011/00;	FENG NENG MOTOR TECHNOLOGY CO LTD;	MOVEABLE BLADE STRUCTURE OF WIND-POWER GENERATOR
TWM409302U U 20110811	TW100203446U;	F03D011/04;	MING DAO UNIVERSITY;	APPARATUS OF WIND GENERATOR
TWM409303U U 20110811	TW20100225314U;	F03D003/00;	GOLDEN CONNECTIONS CORP;	WIND POWER BLADES AND WIND GENERATOR
TWM410105U U 20110821	TW100204841U;	B63B035/44; F03D001/00; F03D011/04;	HOULY CO LTD;	DEVICE FOR OFFSETTING ROTATION TORSION OF FLOATING-TYPE WIND POWERGENERATOR
TWM410106U U 20110821	TW20100224933U;	F03D011/00;	HWA CHI CONSTRUCTION CO LTD;LIANG XI-SHENG;LV LI-LIANG;PAN GUAN-LIN;	AUTOMATIC ELEVATION/DESCENDING TYPE MAINTENANCE PLATFORM FOR WINDPOWER GENERATION
TWM410107U U 20110821	TW100204298U;	F03D003/00;	TAIWAN HODAKA IND CO LTD;	ROTARY WHEEL STRUCTURE OF FIXED BLADES IN WIND POWER GENERATOR
US2011162865 A1 20110707	WO2010JP55961;	H02G015/07;	MITSUBISHI HEAVY IND LTD;	CABLE HOLDING STRUCTURE FOR WIND TURBINE GENERATOR
US2011162924 A1 20110707	EP20080011617;W O2009EP04645;	B60T001/16; F03D009/00;		BRAKE SYSTEM FOR USING THE AIR RESISTANCE OF A VEHICLE TO PRODUCEENERGY

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US2011163543 A1 20110707	WO2010JP54464;	H01R025/00; H01R011/00;	MITSUBISHI HEAVY IND LTD;	SIGNAL LINE WIRING IN NACELLE OF WIND TURBINE GENERATOR
US2011163544 A1 20110707	DK20100070004;U S20100292995P;U S20100976292;	F03D009/00; H02P009/00;	VESTAS WIND SYS AS;	METHOD FOR OPERATING A POWER DISSIPATING UNIT IN A WIND TURBINE
US2011163545 A1 20110707	JP20090198262;W O2010JP64184;	H02P009/04;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE FOR WIND POWER GENERATION
US2011163549 A1 20110707	KR20090012142U; WO2010KR01962;	F03D009/00;		SMART SHIP
US2011163550 A1 20110707	DE200910032880;	H02K003/28; F03D009/00;	SIEMENS AG;	WINDING PLAN FOR A SEGMENTED STATOR OF A DYNAMO-ELECTRIC MACHINE
US2011163551 A1 20110707	US20100335376P; US20100964455;	F03D003/02;	IQ ENERGY;	PORTABLE DEVICE FOR GENERATING ELECTRIC POWER
US2011163552 A1 20110707	CN20081146600;W O2009CN00997;	F03D009/00; F03D011/02;		COMPOUND ROTOR SYSTEM OF WIND POWERED ENGINE
US2011164958 A1 20110707	US20100654830;	F01D005/14; F04D029/44; F03D005/00; F03B003/00; F01D001/06;		CENTRIFUGAL REVERSE FLOW DISK TURBINE AND METHOD TO OBTAIN ROTATIONALPOWER THEREBY
US2011164977 A1 20110707	US20090244847P; US20100886557;	F03D011/02; F03D011/00;		VERTICAL-AXIS WIND TURBINE
US2011164984 A1 20110707	EP20080014876;W O2009EP60835;	B21K025/00; F03D011/00;	LM GLASFIBER AS;	BLADE SECTION FOR A WIND TURBINE BLADE

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US2011164987 A1 20110707	EP20080014496;W O2009EP60547;	B29C045/14; F03D001/06;	LM GLASFIBER AS;	METHOD OF MANUFACTURING A WIND TURBINE BLADE COMPRISING STEEL WIREREINFORCED MATRIX MATERIAL
US2011164989 A1 20110707	US20100651729;	F03D011/04; B32B007/02; B23K031/02;	GEN ELECTRIC;	FATIGUE LOAD RESISTANT STRUCTURES AND WELDING PROCESSES
US2011166717 A1 20110707	US20100801233;	G06F001/26; H02P009/04;	MITSUBISHI HEAVY IND LTD;	REAL POWER CONTROL IN WIND FARM
US2011167687 A1 20110714	US20080119092P; US20090483581;U S201113070417;	G09F019/02; H02K015/00; F03D011/00; F03D009/00; H05K013/00;		METHODS AND SYSTEMS FOR PROVIDING WIND TURBINE ELECTRIC GENERATIONWITH ADVERTISING, AND PRODUCTS THEREBY
US2011168482 A1 20110714	US20100684161;	F01N001/08; B64F001/26; F03D011/00; F02K001/00; E04F017/04;	GEN ELECTRIC;	VANE TYPE SILENCERS IN ELBOW FOR GAS TURBINE
US2011169267 A1 20110714	US20100684131;	F03D009/00;		WIND POWER SYSTEM OF VEHICLES
US2011169268 A1 20110714	US20100686543;	F03D009/00; F16D065/12;		SHAFT BRAKE MECHANISM OF WIND POWER GENERATOR
US2011169269 A1 20110714	US20070936011;U S201113052665;	F03D009/02;		SYSTEMS AND METHODS FOR PRODUCING, SHIPPING, DISTRIBUTING, AND STORINGHYDROGEN
US2011169270 A1 20110714	US20070941565P; US20080130600;U S201113073672;	F03D007/00; F03D009/00;		DIRECT DRIVE WIND TURBINE AND BLADE ASSEMBLY

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US2011169274 A1 20110714	US20070770543;U S20080197073;	H02K007/0116; F03G004/00; H02K007/18; F03D009/00; F01K017/02;		SELF CONTAINED IN-GROUND GEOTHERMAL GENERATOR
US2011169275 A1 20110714	GB20050024893;G B20060000055;WO 2006GB04577;	F03B013/10; F04B049/00;	UNIV NOTTINGHAM;	POWER GENERATION
US2011169334 A1 20110714	US20100335673P; US201113004733;	H02J003/04; F03D003/00; F03D007/00; F03D009/00;		RENEWABLE ENERGY APPLIANCE
US2011171022 A1 20110714	EP20100000294;	F03D011/00;	NORDEX ENERGY GMBH;	WIND TURBINE WITH A YAW SYSTEM AND METHOD FOR THE YAW ADJUSTMENT OF A WIND TURBINE
US2011171025 A1 20110714	US20100294367P; US201113004459;	F03D003/06;	WIND PRODUCTS INC;	WIND TURBINE BLADE AND TURBINE ROTOR
US2011171034 A1 20110714	EP20080017243;W O2009EP62354;	B32B037/06; B32B005/02; B32B005/08; B32B005/00; B32B037/02; F03D011/00; B32B027/12;	HEXCEL COMPOSITES LTD;	SEMI-PREG MATERIAL WITH A PROPERTY-ENHANCING SURFACE FILM FOR IMPROVED PROPERTIES
US2011173811 A1 20110721	US20030554130;U S201113074845;W O2003DK00257;	B23P006/00; B66F011/04; F03D001/00;	VESTAS WIND SYS AS;	METHOD OF SERVICING THE OUTER COMPONENTS OF A WIND TURBINE SUCH AS THE WIND TURBINE BLADES AND THE TOWER WITH A WORK PLATFORM AND WORK PLATFORM
US2011173853 A1 20110721	US20100691581;	G09F013/00; H02P009/04; F03D009/00; G09F015/00; H02J007/34;		BILLBOARD SYSTEM AND METHODS OF USE THEREOF

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US2011175354 A1 20110721	DK20080001203;D K20090070075;US 20080093876P;US 20090230116P;US 200913060861;WO 2009EP61151;	F03D007/04;	VESTAS WIND SYS AS;	METHOD AND A CONTROLLING ARRANGEMENT FOR CONTROLLING AN AC GENERATOR
US2011175355 A1 20110721	EP20080253082;U S20080192517P;U S200913119221;W O2009EP06770;	H02P009/04; F03D009/00; G06F001/32;	VESTAS WIND SYS AS;	TURBINE FARM HAVING AN AUXILIARY POWER SUPPLY
US2011175356 A1 20110721	DK20080001363;U S20080101378P;U S200913121718;W O2009DK00204;	F03D007/04;	VESTAS WIND SYS AS;	CONTROL OF WIND PARK NOISE EMISSION
US2011175362 A1 20110721	US20100690805;	F04B041/06; F03D009/00;		DYNAMIC FLUID ENERGY CONVERSION
US2011175363 A1 20110721	US20100771206;	F16H057/08;	GEN ELECTRIC;	GEARBOX FOR A WIND TURBINE
US2011175365 A1 20110721	US20100295392P; US201113008225;	F03D011/04;		WIND-DRIVEN ELECTRIC GENERATOR STRUCTURE VIBRATION-DEADENING APPARATUSAND METHODS
US2011175366 A1 20110721	US20100296280P; US201113009735;	F03D009/00; F03D001/04;		LOW-PROFILE POWER-GENERATING WIND TURBINE
US2011175368 A1 20110721	WO2009JP53744;	F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND DRIVEN GENERATOR
US2011176256 A1 20110721	US20100297078P; US20100359899P; US201113011291;	H02B001/00; H02J007/35; F03D009/00;		MOBILE ELECTRICITY GENERATOR USING SOLAR, WIND, AND FUEL-GENERATEDPOWER

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US2011176919 A1 20110721	US20100295053P; US201113007311;	F03D001/02;		WIND ENERGY CONVERSION DEVICES
US2011179986 A1 20110728	GB20080014648;W O2009GB01907;	F03D009/00; B63B021/00; F03D011/04;	STATOILHYDRO ASA;	METHOD AND APPARATUS FOR TOWING OFFSHORE WIND TURBINES
US2011181047 A1 20110728	BR2008PI03335;W O2008BR00218;	F03D009/00;	FLÁVIO FRANCISCO DULCETTI FILHO	EOLIC CONVERTER TOWER
US2011182730 A1 20110728	US20100844293;	F04D029/38; F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE BLADE WITH DAMPING ELEMENT FOR EDGEWISE VIBRATIONS
US2011182731 A1 20110728	JP20090292398;JP 20090292461;WO2 010JP72213;	F03D001/06;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE BLADE AND WIND TURBINE GENERATOR HAVING THE SAME
US2011182732 A1 20110728	WO2009JP64523;	F03D011/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE AND METHOD OF DEICING WIND TURBINE BLADE
US2011182735 A1 20110728	JP20080258986;W O2009JP04802;	F03D011/00;	NABTESCO CORP;	WINDMILL PITCH DRIVING APPARATUS
US2011182750 A1 20110728	US201113021993;	F03D001/06; B65G011/14;	VESTAS WIND SYS AS;	ACCESS APPARATUS FOR A WIND TURBINE AND METHOD OF USING SAME
US2011184572 A1 20110728	DK20090000134;U S20090148114P;U S20100934936;WO 2010EP51103;	G06F001/28;	VESTAS WIND SYS AS;	METHOD FOR SETTING AN OUTPUT VOLTAGE LEVEL OF A WIND POWER PLANT
US2011185832 A1 20110804	DE200810044900; WO2009EP59796;	F16H003/08;	WINERGY AG;	WIND POWER PLANT TRANSMISSION AND AUXILIARY DRIVE FOR A WIND POWERPLANT TRANSMISSION

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US2011187103 A1 20110804	WO2009JP50093;	H02P009/00; H02P009/04; F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR SYSTEM AND METHOD OF CONTROLLING OUTPUT OF THE SAME
US2011187104 A1 20110804	WO2009JP57324;	H02P009/04; F03D007/04;	MITSUBISHI HEAVY IND LTD;	PITCH DRIVE APPARATUS OF WIND GENERATOR AND WIND GENERATOR
US2011187105 A1 20110804	WO2010JP52445;	H02P009/48;	MITSUBISHI HEAVY IND LTD;	MAINTENANCE OPERATION METHOD FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR
US2011187110 A1 20110804	US20070919588P; US20080053695;U S20080054050;US 20080119078P;US 20080124397P;US 20090164509P;US 20090184026P;US 20090222142P;US 20090425358;US20 090629714;US2010 0299206P;US2010 0749341;US201007 49951;US20100793 931;US2010082869 8;US201113016437 ;	F01D009/04; F01D025/24; H02K007/18;		FLUID TURBINE
US2011187114 A1 20110804	US20100658238;	F03D009/00; F03D003/04;		WIND DRIVEN TURBINE
US2011187115 A1 20110804	US20100757832;	F03D009/00; F03D001/06; B23P015/04;		HIGHLY RELIABLE, LOW COST WIND TURBINE ROTOR BLADE



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US2011187117 A1 20110804	EP20080156970;W O2009EP56376;	F03D011/02; F03D009/00; F03D003/06;	SYNEOLA SA;	SUBSTANTIALLY SPHERICAL MULTI-BLADE WIND TURBINE
US2011187119 A1 20110804	US20070898619P; US20080022958;U S20090616029;US 20100306483P;US 201113031125;	F03D009/02;		HYBRID WIND TURBINE
US2011187120 A1 20110804	US20030474657P; US20080246713;U S201113032173;	H02K009/19; F03D009/00; C08F010/00;	NORTHERN POWER SYSTEMS INC;	WIND TURBINE/GENERATOR SET HAVING A STATOR COOLING SYSTEM LOCATED BETWEEN STATOR FRAME AND ACTIVE COILS
US2011187121 A1 20110804	US20030474657P; US20040858551;U S20080246713;US 201113032182;	H02K015/00; F03D009/00;	NORTHERN POWER SYSTEMS INC;	WIND TURBINE/GENERATOR SET AND METHOD OF MAKING SAME
US2011187122 A1 20110804	EP20080165816;W O2009EP62822;	F03D009/00; B23P017/00; B23P011/00;	ALSTOM WIND S L U;	METHOD AND SYSTEM FOR ALIGNING A WIND TURBINE COMPONENT
US2011188986 A1 20110804	US20100658130;	F03D009/00;		SYSTEM AND METHOD FOR IMPROVING WIND TURBINE EFFICIENCY BY ADJUSTING BLADE PITCH IN RESPONSE TO LOCALIZED WIND SPEED

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US2011189007 A1 20110804	US20070919588P; US20080053695;U S20080054050;US 20080119078P;US 20090425358;US20 090629714;US2010 0303339P;US2010 0332722P;US2010 0415610P;US2010 0749341;US201009 14509;US20100983 082;US2011130256 77;	F01D025/24;		FLUID TURBINE
US2011189016 A1 20110804	ES20080001941U; WO2009ES70381;	F03D007/00;		DEVICE FOR ADJUSTING THE BLADE PITCH OF A WIND GENERATOR
US2011192333 A1 20110811	GR20060100126;W O2007GR22607;	B63B035/44; B63B039/02; B63B021/24; B63J001/00; F03D009/00; B63B039/03;		STABLE FLOATING STRUCTURE WIT LIMITED OSCILLATIONS
US2011193514 A1 20110811	CN20101301265;	F03D009/00; H02J007/00;	HON HAI PREC IND CO LTD;	ELECTRONIC DEVICE HAVING ENERGY RECYCLING SYSTEM
US2011194283 A1 20110811	DE200810034747; WO2009EP59186;	F21S004/00;		NACELLE OF A WIND TURBINE COMPRISING AVIATION OBSTRUCTION LIGHTS
US2011198855 A1 20110818	US20100708383;	F03D001/04; F03D009/00;		WIND AND SOLAR ELECTRIC GENERATOR
US2011198856 A1 20110818	US20100338253P; US20100803360;	F03D009/02;		PORTABLE 350 AIRPOWER MODULE

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US2011198857 A1 20110818	DE201010008061;	F03D009/00; F03D007/00; F03D005/02;		ORBITING DRUM WIND TURBINE AND METHOD FOR THE GENERATION OF ELECTRICALPOWER FROM WIND ENERGY
US2011200425 A1 20110818	US20080197170P; US20090270435P; WO2009US61928;	F01D025/16; F01D025/00; F03D011/04; B23P021/00;		OFFSHORE WIND TURBINES AND DEPLOYMENT METHODS THEREFOR
US2011200427 A1 20110818	EP20080102156;W O2009EP52363;	F01D025/16;	XEMC DARWIND B V;	WINDTURBINE COMPRISING A BEARING SEAL
US2011200428 A1 20110818	RU20070131487;W O2008RU00441;	F03D001/00;		WIND-DRIVEN ELECTRIC PLANT
US2011204632 A1 20110825	US20100713140;	F03D007/00; F03D009/00;		SYNCHRONOUS INDUCED WIND POWER GENERATION SYSTEM
US2011204635 A1 20110825	US20100974525;	F03D009/00; H02P009/04;	GEN ELECTRIC;	SYSTEM AND METHOD FOR CONTROLLING WIND TURBINE POWER OUTPUT
US2011204637 A1 20110825	US20050247836;U S201113032322;	F03D009/00; H02P009/04; H02J007/34;		APPARATUS FOR COUPLING AN ENERGY STORAGE SYSTEM TO A VARIABLE ENERGYSUPPLY SYSTEM
US2011204638 A1 20110825	US20100308066P; US201113034272;	F03D003/06; F03D009/00; H02P009/04;		WIND TURBINE WITH INTEGRATED ROTOR AND GENERATOR ASSEMBLY
US2011204647 A1 20110825	JP20080214297;W O2009JP63767;	B23P011/02; F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND ASSEMBLING METHOD THEREOF
US2011204648 A1 20110825	US20090286304P; US20100968270;	F03D009/00; F03D011/02;		WINDMILL WITH BLADES WITH PASSAGEWAYS FROM HUB TO TIP

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US2011204649 A1 20110825	US20100974506;	F03D009/00;		PRE-STRESSED STIFFENING SYSTEM FOR A WIND TURBINE GENERATOR FRAME
US2011204652 A1 20110825	WO2009JP64424;	F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATOR
US2011206506 A1 20110825	US20100975014;	F03D007/00; F03D011/00;		SYSTEM AND METHOD OF OPERATING AN ACTIVE FLOW CONTROL SYSTEM TOMANIPULATE A BOUNDARY LAYER ACROSS A ROTOR BLADE OF A WIND TURBINE
US2011206507 A1 20110825	US20110984222;	F03D011/00;		SYSTEM AND METHOD OF MANIPULATING A BOUNDARY LAYER ACROSS A ROTORBLADE OF A WIND TURBINE
US2011206509 A1 20110825	US20100972649;	B21D053/00; F03D011/00;		WIND TURBINE, AERODYNAMIC ASSEMBLY FOR USE IN A WIND TURBINE, ANDMETHOD FOR ASSEMBLING THEREOF
US2011206514 A1 20110825	KR20080109618;W O2009KR06530;	F03D011/02;		ROTATING BLADE AND AIR FOIL WITH STRUCTURE FOR INCREASING FLOW RATE
US2011206516 A1 20110825	NO20080003014;W O2009NO00220;	F03D007/00;	HYDRA TIDAL ENERGY TECHNOLOGY AS;	DEVICE FOR CONTROLLING TURBINE BLADE PITCH
US2011206517 A1 20110825	FR20080050849;W O2009FR50218;	F03D011/02; F16H061/00; F16H048/06;	S4 ENERGY B V;	TRANSMISSION DEVICE FOR A MACHINE FOR PRODUCING ELECTRICITY FROM AVARIABLE SPEED MOTIVE POWER SOURCE, UNIT FOR PRODUCING ELECTRICITY AND WIND TURBINE BOTH SO EQUIPPED, AND METHOD OF SETTING A TRANSMISSION RATIO

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US2011206526 A1 20110825	US20100710506;	F03D003/02; F03D003/06;		VERTICAL-AXIS WIND TURBINE HAVING LOGARITHMIC CURVED AIRFOILS
US2011206531 A1 20110825	US20100306803P; US201113032545;	F03D011/00;	DESKTOP AERONAUTICS;	EFFICIENT LOW-COST WIND ENERGY USING PASSIVE CIRCULATION CONTROL
US2011207535 A1 20110825	JP20040032187;JP 20040114620;JP20 040187243;JP2004 0232967;JP200402 32968;JP20040278 925;JP2004034372 1;JP20040352310;J P20050010906;US 20060587550;US20 110932194;WO200 5JP01930;	B61F017/30; C10M125/18; C10M125/10; F16C019/24; C10M125/22; C10M125/04; F16C033/66; F16D003/0223; C10M125/24; F16C019/34; C10M125/20; F03D011/00; F16C001/24;	NTN TOYO BEARING CO LTD;	GREASE, ROLLING BEARING, CONSTANT VELOCITY JOINT, AND ROLLING PARTS
US2011210559 A1 20110901	EP20080425554;E P20090151327;EP 20090153560;WO2 009EP60311;	F03D009/00;	ZANETTISTUDIOS S R L;	ENERGY GENERATION SYSTEM WITH SELF OPENING AND CLOSING OF SAILS
US2011210560 A1 20110901	US201113076610;	H02K009/00; H02K009/04; F03D009/00; F03D011/00;	GEN ELECTRIC;	AXIAL COOLED GENERATOR
US2011211200 A1 20110901	US20100972221;	G01B011/14; F03D011/00;		SYSTEMS AND METHODS FOR MONITORING A CONDITION OF A ROTOR BLADE FOR A WIND TURBINE

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US2011211916 A1 20110901	US20100309415P; US20100364364P; US20100364368P; US201113038119;	B23P011/00; A01B013/00; E02D005/74;		APPARATUS FOR STORAGE VESSEL DEPLOYMENT AND METHOD OF MAKING SAME
US2011211951 A1 20110901	US20100973315;	F03D007/04;		APPARATUS AND METHOD FOR OPERATION OF AN OFF-SHORE WIND TURBINE
US2011211954 A1 20110901	US201113053532;	F03D007/04;	GEN ELECTRIC;	LIFT DEVICE FOR ROTOR BLADE IN WIND TURBINE
US2011211956 A1 20110901	TW20100105712;	F03D007/06;		PARALLEL-CONNECTED MATRIX INTEGRATED WIND POWER GENERATION SYSTEM
US2011211957 A1 20110901	US20100308683P; US20100898862;	F03D011/00; F03D007/04;		SELF REGULATING WIND TURBINE
US2011211960 A1 20110901	US20100659412;	F03D001/06;		VERTICAL WINDMILL
US2011211961 A1 20110901	US20110984039;	F03D011/00;	GEN ELECTRIC;	METHOD AND SYSTEM FOR BRAKING IN A WIND TURBINE
US2011211969 A1 20110901	US20100966173;	F03D011/00;	GEN ELECTRIC;	WIND TURBINE BLADES WITH IMPROVED BOND LINE AND ASSOCIATED METHOD
US2011211970 A1 20110901	US20100966190;	F03D011/00;	GEN ELECTRIC;	WIND TURBINE BLADES WITH IMPROVED BOND LINE AND ASSOCIATED METHOD

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US2011215577 A1 20110908	ES20090002345;	F03D007/00; F03D009/00;	GAMESA INNOVATION & TECH SL;	WIND TURBINE CONTROL METHODS FOR IMPROVING THE PRODUCTION OF ENERGYRECOVERING ENERGY LOSSES
US2011215578 A1 20110908	JP20040002559;U S20040996645;US 20060475416;US20 070679759;US2008 0042257;US200905 53832;US20100940 737;US2011131073 03;	H02P009/14; G05F005/00; F03D007/00; H02P009/04; H02P009/08; F02C006/00; H03B005/00; H02P009/00; F03D009/00; F03D007/02; H02P009/44;	HITACHI LTD;	WIND TURBINE GENERATOR SYSTEM
US2011215582 A1 20110908	US20100660548;	F03D009/00; F03D007/06;		WIND-OPERATED ELECTRICAL GENERATING SYSTEM
US2011215583 A1 20110908	US20100310690P; US20100876164;	F03D009/00;		HYBRID VERTICAL AXIS ENERGY APPARATUS
US2011215584 A1 20110908	US20100339634P; US20110932766;	F03D009/00;		AIR / WIND TUNNEL POWERED TURBINE, ELECTRIC POWER RECHARGING SYSTEM
US2011215585 A1 20110908	US20100309981P; US201113034883;	F04D029/38; E04H012/00; B64C027/46; F03D009/00;		CLEAR WIND TOWER SYSTEM TECHNOLOGY
US2011215586 A1 20110908	US20100311503P; US201113042745;	E04H009/14; F03D009/00; E04D013/18;		WIND MITIGATION AND WIND POWER DEVICE

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US2011215587 A1 20110908	US20100311384P; US201113043417;	F03D009/00;		HYBRID HORIZONTAL AXIS ENERGY APPARATUS
US2011215650 A1 20110908	US20100311478P; US201113039364;	F03D009/02; F03B013/14; B65D088/00; H02J003/38;	MASSACHUSETTS INST TECHNOLOGY;	OFFSHORE ENERGY HARVESTING, STORAGE, AND POWER GENERATION SYSTEM
US2011221196 A1 20110915	US20100968126;U S201113107921;	H02P009/04; F03D009/00; F03D011/02;		METHOD AND APPARATUS FOR WIND ENERGY SYSTEM
US2011221201 A1 20110915	US20100974207;	F16C033/48; F03D009/00;	GE WIND ENERGY GMBH;	BEARINGS HAVING RADIAL HALF CAGE
US2011221202 A1 20110915	WO2008SE51531;	F03D009/00; F03D001/02; F03D003/06;	VERTICAL WIND AB;	WIND TURBINE
US2011221203 A1 20110915	US20100282656P; US201113047548;	F03D009/00; H01L031/42;		PORTABLE SOLAR AND WIND-POWERED ENERGY GENERATING SYSTEM
US2011223017 A1 20110915	US20090251844P; WO2010US29077;	F03D001/00; F03D007/00;	AIRGENESIS LLC;	WIND POWER GENERATION SYSTEM
US2011223018 A1 20110915	US20100974567;	F03D007/00;		CONTROL SYSTEM, WIND FARM, AND METHODS OF OPTIMIZING THE OPERATION OF A WIND TURBINE
US2011223021 A1 20110915	US20100312390P; US201113044209;	F03D007/00;	VESTAS WIND SYS AS;	WIND TURBINE ROTOR BLADE
US2011223023 A1 20110915	US20100661096;	F03D003/06;		MECHANICAL ROTOR



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US2011223031 A1 20110915	GB20080006666;G B20080015137;WO 2009GB00968;	E04H012/00; F03D011/00; H01Q017/00;		WIND TURBINE, A BLADE THEREFOR AND A METHOD OF PROCESSING SIGNALSREFLECTED THEREFROM
US2011223033 A1 20110915	US201113015693;	F03D001/06;	GEN ELECTRIC;	ACTUATABLE SURFACE FEATURES FOR WIND TURBINE ROTOR BLADES
US2011223035 A1 20110915	US201113045623;	F03D011/04; F16B007/00;		FLANGE AND WIND ENERGY SYSTEM
US2011227343 A1 20110922	WO2011JP52885;	H02P009/04; F03D009/02;	MITSUBISHI HEAVY IND LTD;	WIND POWER PLANT AND WIND-POWER-PLANT CONTROL METHOD
US2011229300 A1 20110922	US20100724803;	F03D007/04; F01D007/02;	STICHTING ENERGIE;	APPARATUS AND METHOD FOR INDIVIDUAL PITCH CONTROL IN WIND TURBINES
US2011229302 A1 20110922	US20070919588P; US20080054050;U S201113116311;	F03D001/04; F01D009/04;	FLODESIGN WIND TURBINE CORP; FLODESIGN WIND TURBINE CORP;	WIND TURBINE WITH MIXERS AND EJECTORS
US2011229304 A1 20110922	US20100661489;	F03D003/04; F03D003/02;		VERTICAL AXIS WIND TURBINE SYSTEM
US2011229315 A1 20110922	US20070919588P; US20080053695;U S20080054050;US 20080119078P;US 20080124397P;US 20090425358;US20 090629714;US2010 0332722P;US2010 0415640P;US2010 0749341;US201113 078340;	F03D001/04; F01D009/04;		HIGH EFFICIENCY ROTOR BLADES FOR A FLUID TURBINE

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US2011229322 A1 20110922	US20100728226;	F03D009/00; F03D001/06; F03D011/00; F03D007/00;		WIND TURBINE BLADE SYSTEM WITH AIR PASSAGEWAY
US2011229336 A1 20110922	EP20100157211;U S20100316031P;U S201113050588;	B29C065/48; F03D001/06;	VESTAS WIND SYS AS;	METHOD FOR MANUFACTURING A BLADE SPAR FOR A WIND TURBINE
US2011229340 A1 20110922	KR20080015256U; WO2009KR06640;	F03D011/04;		PENTAGONAL TRUSS UNIT FOR TURBINE OF GENERATOR AND STRUCTURE FOR GENERATION PLANT USING THE SAME
US2011232630 A1 20110929	US201113152747;	H01L031/42; F03D009/00; F24J002/04; F24J002/38; H02P009/04;		SOLAR COLLECTOR/WIND DEFLECTOR CONVERSION OF A SOLAR AND WIND CONVERTER
US2011233934 A1 20110929	US20100730549;	F03D009/02; F04B017/02; F03D011/02; F03D005/00;	LIGHTSAIL ENERGY INC;	STORAGE OF COMPRESSED AIR IN WIND TURBINE SUPPORT STRUCTURE
US2011233939 A1 20110929	WO2009JP61502;	F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
US2011236216 A1 20110929	US20100748480;	B23P011/00; F03D011/04;		WIND TURBINE MOUNTING SYSTEM FOR NON-TURBINE PURPOSE BUILT STRUCTURES
US2011237839 A1 20110929	CH20070001807;W O2008EP09803;	C07C005/00; F03D009/00; C10J001/0207; F24J002/00; C07C029/0151 ; F03B013/14; C07C041/01;	GWA BETEILUNGS & MAN GMBH;	MODULAR POWER PLANT UNCONNECTED TO THE GRID

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US2011241347 A1 20111006	EP20080172164;W O2009NL50779;	B63B021/26; F03B013/14; B63B021/00; F03D009/00; B63B021/50;	SINGLE BUOY MOORINGS;	REMOVABLE OFFSHORE WIND TURBINES WITH PRE- INSTALLED MOORING SYSTEM
US2011241348 A1 20111006	KR20100029684;	H02K007/09; F03D003/06;		MAGNETICALLY BALANCED ELECTRIC GENERATOR
US2011241349 A1 20111006	US20100798223;	F03D009/00;		WINDMILL GENERATOR
US2011241350 A1 20111006	JP20100076566;	H02K009/18; F03D009/00;	HITACHI LTD;	PERMANENT MAGNETIC ROTATING ELECTRIC MACHINE AND WIND POWER GENERATING SYSTEM
US2011241352 A1 20111006	DK20080001185;W O2009DK00189;	F03D011/00; H01R039/08;	VESTAS WIND SYS AS;	FILTERING OF DEBRIS IN WIND TURBINES
US2011241353 A1 20111006	WO2011JP51772;	F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR
US2011243706 A1 20111006	US20030550442;U S20090549974;US 201113160070;WO 2003DK00196;	B60P003/00; F03D001/00; F03D011/02; F03D011/04; F03D011/00;		METHOD OF MOVING THE ROTATING MEANS OF A WIND TURBINE DURING TRANSPORTATION OR STAND STILL, METHOD OF CONTROLLING THE MOVING OF THE ROTATING MEANS, NACELLE, AUXILIARY DEVICE, CONTROL AND MONITORING SYSTEM AND USE HEREOF
US2011243723 A1 20111006	TW20100109726;	F03D001/04;	HON HAI PREC IND CO LTD;	FAN GUARD
US2011243730 A1 20111006	US20100967319;	G01B011/16; F03D007/00;		SYSTEMS AND METHODS FOR DETERMINING DEFLECTION OF A WIND TURBINE SHAFT

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US2011243737 A1 20111006	US201113039602;	F03D011/00; B23P019/00;	GEN ELECTRIC;	METHOD AND SYSTEM FOR SECURING LIGHTING PROTECTION CABLES IN A WINDTURBINE ROTOR BLADE
US2011243751 A1 20111006	US201113015870;	F03D001/06;	GEN ELECTRIC;	WIND TURBINE BLADES WITH A HARDENED SUBSTRATE CONSTRUCTION
US2011243754 A1 20111006	US201113021964;	F03D011/00;	GEN ELECTRIC;	PILLOW BLOCK FOR BED PLATE OF WIND TURBINE
US2011246094 A1 20111006	GB20080022930;W O2009EP08934;	G01B003/44; G06F019/00;	VESTAS WIND SYS AS;	TURBULENCE SENSOR AND BLADE CONDITION SENSOR SYSTEM
US2011248509 A1 20111013	US20090568742;U S201113164023;	H02K001/16; F03D009/00;	AMERICAN SUPERCONDUCTOR CORP;	GENERATOR WITH FERROMAGNETIC TEETH
US2011248510 A1 20111013	CN20081190618;W O2009CN01439;	F03D009/00;		VERTICAL AXIS WIND TURBINE
US2011248512 A1 20111013	US20100755435;	H02K007/18; F03D001/06;		CONTINUOUS WIND POWER SYSTEM WITH AUXILIARY BLADES
US2011248686 A1 20111013	DE200610060323;	H02P009/04; F03D009/00;	NORDEX ENERGY GMBH;	METHOD FOR THE OPERATION OF A WIND ENERGY PLANT AT SUDDEN VOLTAGE CHANGES IN THE GRID
US2011250062 A1 20111013	US20070919588P; US20080054050;U S20080191358P;U S20090555446;US 20100415550P;US 20100823220;US20 1113078366;	F04D029/44;		FLUID TURBINE

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US2011250069 A1 20111013	US20090168993P; US20090286434P; WO2010CA00528;	F03D003/06; F03D011/00;		HORIZONTAL WIND POWERED TURBINE
US2011250070 A1 20111013	DK20080001752;W O2009EP66616;	F03D011/02; B23P015/14; B32B037/12; F16H001/02;	VESTAS WIND SYS AS;	COMPOSITE GEAR PART FOR A GEAR ARRANGEMENT AND A METHOD OF FORMING ACOMPOSITE GEAR PART
US2011252738 A1 20111020	DK20020000178;U S20020157286;US 20070932576;US20 100726758;US2011 13167379;	F03D011/04; E04H012/00;	VESTAS WIND SYS AS;	WIND TURBINE TOWER SUSPENSION MEANS
US2011254275 A1 20111020	US20100799164;U S201113068532;	F03B013/22; F03D003/00; F03B013/18;		PORTABLE WAVE-SWASH & COASTAL-WIND ENERGY HARVESTER
US2011254277 A1 20111020	WO2009JP70112;	E04H012/00; F03D009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE TOWER AND WIND TURBINE GENERATOR
US2011254278 A1 20111020	TW20090210746U;	F03D005/00; F03D009/00;	JETPRO TECHNOLOGY INC;	WIND POWER GENERATOR APPARATUS
US2011254283 A1 20111020	DK20090000045;U S20090144219P;U S201013132021;W O2010EP50093;	F03D009/00; F03D011/00;	VESTAS WIND SYS AS;	WIND TURBINE
US2011255954 A1 20111020	TW20100207192U;	F03D003/00;		FLUID-DRIVEN MILL
US2011258999 A1 20111027	US20090216942P; US20090290107P; US20100785086;U S20100977679;	F01B029/00; F04B049/06;	GEN COMPRESSION INC;	METHODS AND DEVICES FOR OPTIMIZING HEAT TRANSFER WITHIN A COMPRESSIONAND/OR EXPANSION DEVICE

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US2011260462 A1 20111027	US20100341029P; US201113070157;	F03D009/00; B64C031/06;		PLANFORM CONFIGURATION FOR STABILITY OF A POWERED KITE AND A SYSTEM AND METHOD FOR USE OF SAME
US2011260463 A1 20111027	US20100766578;U S201113077547;	F03D009/00;	EASTERN WIND POWER;	VERTICAL AXIS WIND TURBINE
US2011260466 A1 20111027	WO2009JP00883;	H02K001/32; F03D009/00;	HITACHI LTD;	PERMANENT MAGNET TYPE ROTARY ELECTRIC MACHINE
US2011260470 A1 20111027	US20100799358;	H01L031/42; F03D009/02; H02K007/18; H02J007/02;		TRIBRID ELECTRIC TRANSPORTATION SYSTEM
US2011260471 A1 20111027	US20100327928P; US201113094812;	F03D009/00; F03B013/26; H02K007/18;	ALPHAWOLF CONSULTING INC;	SYSTEMS AND METHODS FOR STORING AND GENERATING ENERGY
US2011265575 A1 20111103	US20100846099;	G01H001/00;		SYSTEM FOR ESTIMATING A CONDITION OF NON-CONDUCTIVE HOLLOW STRUCTURE EXPOSED TO A LIGHTNING STRIKE
US2011265593 A1 20111103	JP20100105680;	B23P011/00; F16H057/02;	SUMITOMO HEAVY INDUSTRIES;	REDUCTION GEAR FOR WIND POWER GENERATION EQUIPMENT AND INSTALLATION METHOD THEREOF
US2011266207 A1 20111103	US20100282964P; US20100929050;	C02F001/00; F01D015/10; B09B003/00; F03D009/00;		SYNERGY CITY: A PRODUCTION FACILITY FOR ELECTRICAL POWER, FRESH WATER, AND TRASH PROCESSING WITHOUT THE USE OF NUCLEAR FISSION, COAL OR OIL
US2011266803 A1 20111103	CL20090002021;	F03D009/02; F03B013/24;		MARITIME DEVICE FOR PRODUCING ELECTRIC POWER
US2011266807 A1 20111103	US20100871276;	H02K001/18; F03D009/00; H02K003/12;	GEN ELECTRIC;	SEGMENTED STATOR ASSEMBLY

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US2011266808 A1 20111103	US20100871351;	H02K001/18; F03D009/00; H02K003/12;	GEN ELECTRIC;	SEGMENTED STATOR ASSEMBLY
US2011266811 A1 20111103	US20100330033P; US201113095358;	H02K001/06; F03D009/00; H02K009/02;	ALSTOM HYDRO FRANCE;	SYNCHRONOUS GENERATOR, ESPECIALLY FOR WIND TURBINES
US2011266909 A1 20111103	US20100844850;	H02K001/28;	GEN ELECTRIC;	SEGMENTED ROTOR
US2011267241 A1 20111103	US20100330403P; US201113099385;	H01Q001/28; B25J018/00; F03D009/00; B64B001/22; B64D001/08; B64B001/08; B64B001/02;		MULTI-MISSION FRAMELESS AIRSHIP PLATFORM
US2011268568 A1 20111103	US20100825415;	F03D007/04; H02P009/04;		APPARATUS AND METHOD FOR ADJUSTING THE YAW OF A NACELLE OF A WINDENERGY SYSTEM
US2011268571 A1 20111103	US20100770823;	H01J040/14; F03D011/00; H02J017/00;		METHOD FOR MEASURING AN OPERATIONAL PARAMETER OF A WIND TURBINE AND MEASUREMENT DEVICE
US2011268572 A1 20111103	US20090254949P; US20100307618P; US20100316951P; US20100912739;	F03D011/04;		HIDE-AWAY WINDMILL
US2011268576 A1 20111103	US201113053368;	F03D001/06; F01D005/18; B23P015/04;	GEN ELECTRIC;	SYSTEM AND METHOD FOR INCREASING ENERGY CAPTURE BY WIND TURBINES

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US2011269554 A1 20111103	JP20100105680;JP 20100114781;JP20 100173973;JP2011 0050640;	F16D007/02;	SUMITOMO HEAVY INDUSTRIES;	POWER TRANSMISSION DEVICE AND JOINT UNIT OF POWER TRANSMISSION DEVICE
US2011270043 A1 20111103	US20100771803;	A61B005/00; H02N002/18; F03D009/00;	NELLCOR PURITAN BENNETT LLC;	AIR MOVEMENT ENERGY HARVESTING WITH WIRELESS SENSORS
US2011272224 A1 20111110	CN20091003965;W O2010CN00075;	F03D011/00; F16D055/22; F16D051/20;		BRAKE SYSTEM FOR AND METHOD FOR BRAKING OF VERTICAL AXIS WIND TURBINE
US2011272527 A1 20111110	US20100331853P; US201113099496;	B64C031/06; F03D009/00;		POWER GENERATING KITE SYSTEM
US2011272948 A1 20111110	US20100868527;W O2009US35163;	F03D009/00;	BROADSTAR DEVELOPMENTS LP;	WIND DRIVEN POWER GENERATOR
US2011273134 A1 20111110	CN20092001722U; WO2010CN70293;	F03D009/02;		IMPELLER DEVICE AND AUTOMATIC-SWITCHING REGENERATIVE CHARGING SYSTEMBETWEEN KINETIC ENERGY AND WIND ENERGY
US2011277957 A1 20111117	US20100780756;	F03D011/00;		DAMPING ELEMENT FOR HEAT DISSIPATING FAN
US2011278850 A1 20111117	WO2009JP71577;	E02D027/42; F03D011/04; E04H012/00;	MITSUBISHI HEAVY IND LTD;	MONOPOLE TOWER AND WIND TURBINE GENERATOR HAVING MONOPOLE TOWER
US2011278852 A1 20111117	DK20080001790;U S20080122790P;U S200913139905;W O2009DK00253;	F03D009/00; F03D011/04;	VESTAS WIND SYS AS;	WIND TURBINE NACELLE



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US2011278928 A1 20111117	US20100781445;	H05K007/20; H02J003/14; F03D009/00; H02J007/34;	MICROSOFT CORP;	WIND-POWERED DATA CENTER
US2011280707 A1 20111117	US20100323500P; US20100910580;U S201113114272;	F03D003/04;		WIND TURBINE UTILIZING WIND DIRECTING SLATS
US2011280708 A1 20111117	GB20030017337;W O2004GB03257;	F03D003/00; F03D009/00; F03D003/06; F03D011/00;		VERTICAL AXIS WIND TURBINS
US2011280724 A1 20111117	US20070572775;U S201113192534;W O2004EP08444;	F01D007/00; F03D007/00; F03D007/02;		METHOD FOR OPERATING MECHANICAL EMERGENCY BRAKE FOR WIND TURBINES
US2011280725 A1 20111117	US20090206207P; WO2009IB06309;	F04D027/00;	CLIPPER WINDPOWER INC;	LONG TERM ROTOR PARKING ON A WIND TURBINE
US2011281479 A1 20111117	DE200710019540; WO2008EP03318;	F03D005/06; B63H001/36;		FLEXIBLE IMPACT BLADE WITH DRIVE DEVICE FOR A FLEXIBLE IMPACT BLADE
US2011281677 A1 20111117	NO20090000433;W O2010EP50987;	F03D011/02;		DRIVE DEVICE FOR A WIND TURBINE
US2011285132 A1 20111124	US20100970406;	F03D009/00; H02P009/00;	GEN ELECTRIC;	VARIABLE SPEED MACHINE ASSEMBLY AND METHOD FOR MAKING THE SAME
US2011285137 A1 20111124	IT2009MI02060;	F03D011/02;	WILIC S AR L;	WIND POWER TURBINE FOR GENERATING ELECTRIC ENERGY
US2011285139 A1 20111124	US20100396130P; US201113068685;	F03D001/04;		WINDFLOW MODIFICATION INTO ELECTRICITY-GENERATING WIND TURBINES

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US2011285143 A1 20111124	DE200910008437; WO2009DE01757;	F03D011/04;		MACHINE SUPPORT FOR RECEIVING A ROTOR / GENERATOR ASSEMBLY OF AGEARLESS WIND ENERGY PLANT
US2011285144 A1 20111124	CN20091067822;W O2010CN70482;	F03D009/00;		WIND POWER GENERATOR
US2011286843 A1 20111124	DE200710006966; WO2008EP51451;	F03D007/00;		DRIVE DEVICE FOR DRIVING SEVERAL AXLES
US2011286846 A1 20111124	JP20090032616;W O2010JP51220;	F16H057/08; F03D011/02;	MITSUBISHI HEAVY IND LTD;	SUN-AND-PLANET SPEED-UP GEAR
US2011287248 A1 20111124	EP20020405739;U S20030524987;US 20080971930;US20 1113196242;WO20 03EP09090;	B32B027/08; B32B003/18; F03D011/00; B32B037/00; B32B037/16;		FOAMED PLASTIC SHEET
US2011291414 A1 20111201	WO2009JP53079;	H02P009/04;	MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATION SYSTEM AND METHOD OF CONTROLLING THE SAME
US2011291416 A1 20111201	US20080174113;U S201113194233;	F03D009/00; H02P009/04;		USE OF PITCH BATTERY POWER TO START WIND TURBINE DURING GRIDLOSS/BLACK START CAPABILITY
US2011291420 A1 20111201	US20100789449;	F03D003/04; F03D009/02;		PORTABLE WIND-DRIVEN ALTERNATOR
US2011291421 A1 20111201	US20100791102;	F03D003/04; F03D009/00;		WIND-DEFLECTION OMNI-DIRECTIONAL VERTICAL WIND-DRIVEN DEVICE

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US2011291423 A1 20111201	DE200910032883; WO2010EP56698;	F03D009/00; H02K003/12;	SIEMENS AG;	END TURN ARRANGEMENT
US2011291424 A1 20111201	TW20100117192;	F02C003/00; H02K007/18;	EPOCH ENERGY TECHNOLOGY CORP;	SYSTEM FOR GENERATING ELECTRICITY
US2011291853 A1 20111201	WO2003EP06108;	F03D007/00; F03D001/00; G08B021/00; F03D007/02; F03D011/00;		REMOTE SHUT DOWN OF OFFSHORE WIND TURBINE
US2011292372 A1 20111201	WO2009ES00052;	G01B011/16;		WIND TURBINE BLADES STRAIN MEASURING SYSTEM DURING STATIC TESTS
US2011293419 A1 20111201	US20100350015P; US201113072666;	F03D007/00; F03D011/00;		SYSTEM AND METHODS FOR WIND ENERGY RECAPTURE FROM A NON NATURAL WINDSOURCE
US2011293432 A1 20111201	DK20090000131;W O2010EP50846;	F03D001/06;	VESTAS WIND SYS AS;	SECTIONAL WIND TURBINE BLADE
US2011293433 A1 20111201	GB20090002268;U S20090161668P;U S201013148144;W O2010EP00368;	F03D001/06;	VESTAS WIND SYS AS;	ENHANCING STIFFNESS OF WIND TURBINE BLADES
US2011295438 A1 20111201	WO2009US54665;	G06G007/64; F03D011/00; G06G007/57; G06G007/63; G06F001/30;	CATCH THE WIND INC;	WIND AND POWER FORECASTING USING LIDAR DISTANCE WIND SENSOR
US2011298214 A1 20111208	US20100350763P; US201113149305;	F04D025/16; H02P009/04; F03D009/00;		VERTICAL AXIS FLUID TURBINE

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US2011299975 A1 20111208	DE200910009017; WO2010EP00946;	F03D011/00; F16D055/02; F01D015/12; F16H057/08;	SUZLON ENERGY GMBH;	BRAKE SYSTEM FOR A WIND TURBINE
US2011299986 A1 20111208	JP20100130582;	F03D007/04;	FUJI HEAVY IND LTD;	HORIZONTAL AXIS WIND TURBINE APPARATUS
US2011299995 A1 20111208	US20100817549;	F01D005/14; F01D005/18;	GEN ELECTRIC;	WIND TURBINE ROTOR BLADE JOINT
US2011299997 A1 20111208	DK20090000231;W O2010DK50042;	B23P011/00; F03D011/00;	VESTAS WIND SYS AS;	HANDLING A WIND TURBINE NACELLE
US2011299998 A1 20111208	JP20100130581;	F03D011/04;	FUJI HEAVY IND LTD;	HORIZONTAL AXIS WIND TURBINE
US2011301769 A1 20111208	DK20100070357;U S20100414438P;U S201113194108;	H02P009/04; G05D017/00;	VESTAS WIND SYS AS;	CONTROL OF A WIND POWER PLANT
US2011302879 A1 20111215	US20100397665P; US201113161471; US201113189454;	E04H012/34; E04H012/20;		METHOD FOR ERECTING A FACILITY FOR PRODUCING ELECTRICAL ENERGY FROMWIND
US2011304142 A1 20111215	US20100397665P; US201113161471;	H02P009/04; F03D009/00;		FACILITY FOR PRODUCING ELECTRICAL ENERGY FROM WIND
US2011304143 A1 20111215	US20100814983;	F03B013/00; F03D011/00; F03D009/00;		WIND GENERATOR FOR INSTALLATION ON A HOUSE
US2011304153 A1 20111215	US20100353888P; US201113157701;	F03D009/00;		WIND TURBINE HAVING MULTIPLE POWER GENERATING ELEMENTS

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US2011305555 A1 20111215	US20100397312P; US201113068902;	F01D025/24; F03D011/00;		ISENTROPIC METHOD AND APPARATUS FOR GREATLY INCREASING AND EXTRACTING THE POWER FROM WIND AND MOVING AIR
US2011305557 A1 20111215	US20100814562;	F04D031/00;		WIND TURBINE
US2011305563 A1 20111215	US20100344229P; US201113159121;	F04D029/44;		WIND TURBINE FUNNEL
US2011308205 A1 20111222	WO2008IB55475;	B65B005/10; B65B001/04;		THREE AEROGENERATOR BLADES PACKING SYSTEM (PACKING METHOD AND PACKING SYSTEM FOR THREE AEROGENERATOR BLADES)
US2011308703 A1 20111222	WO2009IB50790;	B32B007/08;	TECSIS TECNOLOGIA E SISTEMAS AVANÇADOS LTDA;	METHOD OF MANUFACTURING AEROGENERATOR BLADES
US2011309622 A1 20111222	JP20040055515; US20070590328; US20100727356; US201113220121; WO2004JP16851;	H02P009/04; F03D007/04;	MITSUBISHI HEAVY INDUSTRIES LTD;	WIND TURBINE GENERATOR, ACTIVE DAMPING METHOD THEREOF, AND WINDMILL TOWER
US2011309623 A1 20111222	US20100820502;	F03D009/00; H02K007/18;		DEVICE, A SYSTEM INSTALLATION AND A METHOD
US2011309625 A1 20111222	US20100821074;	B64C027/00; F03D001/06; H02K007/0102; F03D009/00;	ECOMERIT TECHNOLOGIES LLC;	DIRECT DRIVE DISTRIBUTED GENERATOR INTEGRATED WITH STAYED ROTOR

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US2011309626 A1 20111222	US20090368036;U S20100715928;US 20100715969;US20 100716015;US2010 0967950;	F03D001/04;	GRAYHAWKE APPLIED TECHNOLOGIES;	SYSTEM AND METHOD FOR GENERATING ELECTRICITY WITHIN A BUILDINGSTRUCTURE
US2011309633 A1 20111222	US20100357369P; US201113165735;	F03D009/00; F03D011/00;		WIND AUGER
US2011309634 A1 20111222	US20090157093P; US20100309601P; US201013203745; WO2010US26054;	F03D009/00;		LOOPED AIRFOIL WIND TURBINE
US2011309786 A1 20111222	US20100819174;	H02J007/35; F03D009/02;		GREEN ELECTRIC VEHICLE UTILIZING MULTIPLE SOURCES OF ENERGY
US2011311359 A1 20111222	SE20090050127;U S20090186211P;U S201013254172;W O2010EP52863;	F03D007/02;		YAW SYSTEM FOR A WINDMILL
US2011311363 A1 20111222	US20100355927P; US201113163300;	F01D005/14;		VORTEX PROPELLER
US2011311364 A1 20111222	US20100818231;	F03D011/02; F03D003/00; F03D009/00;		BALANCED LIFT WIND TURBINE

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US2011314800 A1 20111229	US20090221487P; US20100294396P; US20100306122P; US20100320150P; US20100347056P; US20100347312P; US20100348661P; US20100358776P; US20100695922;U S20100730549;US 20100823944;US20 1113196069;	F03D011/00; F15B015/00;	LIGHTSAIL ENERGY INC;	COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE
US2011314804 A1 20111229	US20090221487P; US20100695922;U S201113187393;	F02G001/04;	LIGHTSAIL ENERGY INC;	COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE
US2011316279 A1 20111229	US20100358388P; US201113165382;	H02P009/04; F03D009/00;		WIND TURBINES WITH DIFFUSERS FOR THE BUILDINGS OR STRUCTURES
US2011316284 A1 20111229	US20070971712P; US20080677950;W O2008CA01637;	F03D001/04; F03D009/00;		POWER DENSITY ENHANCEMENT APPARATUS FOR WIND TURBINES
US2011318167 A1 20111229	US20100821693;	F03D009/00; F03D003/04; F03D011/00;		CROSSFLOW WIND TURBINE
US2011318179 A1 20111229	US20080157104;U S201113211994;W O2009US34263;	B63H009/02;	ECOLOGICAL ENERGY COMPANY;	WIND TURBINE AND METHOD OF OPERATING SAME
US2011318180 A1 20111229	WO2009EP53302;	F03D007/00;	AMSC WINDTEC GMBH;	METHOD FOR OPERATING A WIND ENERGY CONVERTER, CONTROL DEVICE FOR A WIND ENERGY CONVERTER, AND WIND ENERGY CONVERTER

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US2011318496 A1 20111229	US20100357701P; US201113167294;	B05C005/00; B05B017/00; B05D001/02; B08B003/00;		WIND TURBINE BLADE TREATMENT APPARATUSES AND METHODS
US7982330 B1 20110719	WO2010JP54343;	F03B009/00;	MITSUBISHI HEAVY IND LTD;	WIND TURBINE GENERATOR AND CABLE SUPPORTING STRUCTURE FOR USE THEREIN
US8025480 B1 20110927	US20070760334;	F03D011/00;		WIND TURBINE BLADES WITH AVIAN AVOIDANCE SURFACES
US8026626 B1 20110927	US20100416439P; US20100980589;	H02P009/00; F03D009/00;		AXIAL FLUX ALTERNATOR WITH AIR GAP MAINTAINING ARRANGEMENT
US8033791 B1 20111011	WO2010JP59207;	F04D029/00;	MITSUBISHI HEAVY IND LTD;	BLADE END PORTION PROTECTING BAG AND A ROTOR INSTALLING METHOD FOR A WIND TURBINE
US8035245 B1 20111011	US20060617581; US20080238305;	F03D003/06; H02K035/00;		WINDPOWER GENERATOR APPARATUS WITH AUXILIARY GENERATORS
US8052372 B1 20111108	US20100957599;	F03D003/04;		WIND TURBINE
US8053919 B1 20111108	US20080057839P; US20080332336;	F03D005/04;		WIND TURBINE POWER GENERATOR
US8057183 B1 20111115	US20080335569;	F01D005/18; F01D005/20; B63H001/14; B64C011/00; F04D029/58; F01D005/08; F03D011/02; B63H007/02;	FLORIDA TURBINE TECH INC;	LIGHT WEIGHT AND HIGHLY COOLED TURBINE BLADE



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US8066483 B1 20111129	US20080337696;	F03B003/12; F04D029/58; F01D005/20; F01D005/18; F01D005/08; B63H007/02; B63H001/14; B64C011/00; B63H001/26; F03D011/02; B64C027/46;	FLORIDA TURBINE TECH INC;	TURBINE AIRFOIL WITH NON-PARALLEL PIN FINS
US8080895 B1 20111220	US20070124821P; US20080189535;	H02P009/04; F03B013/00;		ENERGY GENERATION FROM COMPRESSED FLUIDS
USRE43014E E1 20111213	US20060325850;U S20090393928;	F03D009/00; H02P009/04; F03B013/00;	AEROVIRONMENT INC;	WIND TURBINE ASSEMBLY AND RELATED METHOD
WO2011079334 A2 20110707	AT20090000798U;	F03D001/04;	SCHABERL PETER;	CONSTRUCTION FOR THE ARRANGEMENT OF A WIND TURBINE
WO2011079840 A2 20110707	DE200910060763;	F03D001/06; F03B003/12;	HABEK NENAD;HOEFGEN SIEGFRIED;LANGLOTZ HOLGER;SCHULER ALFRED;	GEOMETRIC ARRANGEMENT OF PARTS OF AN ENERGY CONVERTER AND TURBINE ARRANGEMENT FOR CONVERTING ENERGY CONTAINED IN A FLOW OF A FLUID INTO ELECTRICAL ENERGY
WO2011079973 A2 20110707	EP20090015736;	E02D027/42; F03D001/00; F03D011/04;	JENSEN MARTIN JOHAN SMITH;SIEMENS AG;VADSTRUP ESBEN;	METHOD OF CONSTRUCTION OF A TOWER OF A WIND TURBINE AND TOWER
WO2011080177 A1 20110707	DK20090070301;U S20090290378P;	H02G013/00; F03D011/00;	RENS MARLON;VESTAS WIND SYS AS;	LIGHTNING PROTECTION OF A WIND TURBINE BLADE

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WO2011081401 A2 20110707	KR20090134940;	F03D001/00; F03D011/02;	YOON JEEN MOK;	WIND TURBINE
WO2011081599 A1 20110707	SE20090051033;	E04H012/34; F03D011/04;	BERNHOF HANS;VERTICAL WIND AB;	A METHOD FOR THE CONSTRUCTION OF A WIND-POWER UNIT AND A DEVICE FORCARRYING OUT THE METHOD
WO2011081662 A1 20110707	US20090290760P;	F03D001/06; C08J005/04; C08G018/48;	DOW GLOBAL TECHNOLOGIES LLC;HEROLD ULRICH;ROUSSE MARTINE M;SAGNARD ALAIN M;	POLYURETHANE COMPOSITIONS FOR COMPOSITE STRUCTURES
WO2011082511 A1 20110714	CN20101033771;	F03D001/06;	JIN BAONIAN;SINOVEL WIND GROUP CO LTD;WANG WEIFENG;	SEGMENTED WIND WHEEL BLADE FOR WIND GENERATING SET AND ASSEMBLYINGMETHOD THEREOF
WO2011082562 A1 20110714	CN20101002923;	F03D007/00; F03D009/00;	CSIC CHONGQING HAIZHUANG WINDPOWER EQUIPMENT CO LTD;TANG WENBING;YANG BENXIN;YU SHAOQING;	WIND GENERATING SET
WO2011082709 A1 20110714	DK20100070008;U S20100293298P;	B29C053/68;	BECH ANTON;VESTAS WIND SYS AS;	WINDING MACHINE
WO2011082836 A1 20110714	EP20100000194;	F03D011/00;	ERIKSEN UFFE;SIEMENS AG;	DIRECT DRIVE WIND TURBINE WITH A COOLING SYSTEM
WO2011083021 A2 20110714	DK20100000008;	F03D011/04;	KRISTENSEN JONAS;VESTAS WIND SYS AS;	METHOD OF ERECTING A FLOATING OFF-SHORE WIND TURBINE AND A FLOATING OFF-SHORE WIND TURBINE

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WO2011083236 A1 20110714	FR20090059278;	F03D003/04; F03D011/00; F03D001/04;	LECANU PIERRE;QUEMERE ERIC;	WIND TURBINE SET UP ON THE LAST FLOOR OF A RESIDENCE, IN PARTICULAR IN AN URBAN AREA
WO2011083345 A2 20110714	GR20100100011;	F03D003/06;	NOURIS MYRON;	WIND GENERATOR OF VERTICAL AXLE WITH INHIBITION OVERSPEED FLAPS
WO2011083355 A1 20110714	WO2010IB00235;	F03D001/00; F03D011/04; E04H012/12; E04H012/34;	YAQUB MUHAMMAD;	METHOD FOR ERECTING A TOWER FOR A WIND TURBINE GENERATOR
WO2011084154 A1 20110714	WO2010US20145;	F03D003/00;	AARON MICHAEL;	VERTICAL AXIS VARIABLE GEOMETRY WIND ENERGY COLLECTION SYSTEM
WO2011084432 A2 20110714	US20090286959P;	F03D003/06; F03D011/02; F03D011/00; F03D003/04;	KAWAS GULNAR;KAWAS PERCY;	METHOD AND APPARATUS FOR WIND ENERGY SYSTEM
WO2011084530 A2 20110714	US20090287157P; US20100314146P;	E02B017/04; F03D009/00; B63B022/00; F03B013/12;	CLEAR PATH ENERGY LLC;SHARPLES WILLIAM G;TRACY CHRISTOPHER H;	FLOATING UNDERWATER SUPPORT STRUCTURE
WO2011084826 A2 20110714	US20100683877;	F03D011/02;	AMERICAN SUPERCONDUCTOR CORP;WINN PETER M;	TORQUE LIMITING COUPLING FOR WIND TURBINE
WO2011085305 A1 20110714	US20100293370P; US20110986870;	F03D009/00;	FORTUNE ONE LLC;GANNER BRAIN BENJAMIN;	MOBILE KINETIC WIND GENERATOR SYSTEM
WO2011085432 A1 20110721	AU20100900105;	F03D005/02; F03D005/04; F03B009/00;	LOWREY DEV PTY LTD;LOWREY IAN;	ENDLESS LOOP GENERATOR

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WO2011085615 A1 20110721	CN20101022775;	F03D007/06; F03D003/06;	SHANGHAI FANHONG ENVIRONMENTAL PROT TECHNOLOGY DEV CO LTD;XUZHIWEN;	VERTICAL SHAFT WIND POWER GENERATING SYSTEM AND BLADE ANGLE AUTOMATICREGULATING DEVICE THEREOF
WO2011086205 A1 20110721	ES20100000042;E S20100000330;	B66C001/66; F03D001/06; F03D011/04;	AROCENA DE LA RUA ION;GAMESA INNOVATION & TECH SL;SANZPASCUAL ENEKO;	BLADE LIFTING ELEMENT AND METHOD FOLLOWED
WO2011086406 A2 20110721	IT2010SP00001;	F03D003/04;	TREECUBE S R L;VALENTI LUCA;	FITTING FOR A WIND TURBINE, WIND TURBINE WITH SUCH A FITTING AND METHOD FOR IMPROVING THE EFFICIENCY OF SUCH A WIND TURBINE
WO2011086606 A1 20110721	WO2010JP00219;	F03D003/06;	HANADA MASASHI;OME LABO CO LTD;	BLADE WHEEL
WO2011086833 A1 20110721	JP20100000185U;	F03D009/02; F03G003/00;	KOUNO MASAHARU;	POWER-GENERATING UNIT
WO2011087067 A1 20110721	JP20100008177;	H02P009/00; H02P009/04; F03D009/00;	MATSUSHITA TAKATOSHI;MITSUBISHI HEAVY IND LTD;NAKA TAKEHIRO;NAKASHIMA TAKUMI;WAKASA TSUYOSHI;YASUGI AKIRA;	VARIABLE-SPEED POWER GENERATION DEVICE AND CONTROL METHOD THEREFOR
WO2011087414 A1 20110721	WO2010SE50031;	F03D001/06; F03D011/00; B29C070/14; B82B001/00;	NORDIN PONTUS;SAAB AB;STRINDBERG GOETE;	A WIND TURBINE BLADE HAVING AN OUTER SURFACE WITH IMPROVED PROPERTIES

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WO2011087732 A1 20110721	US20090644739;	H02P009/04; F03D009/00;	COSBY MARK RYDELL;LUCID ENERGY TECHNOLOGIES LLP;SCHLABACHRODERIC ALAN;	IMPROVED DESIGNS FOR TURBINE ASSEMBLIES
WO2011087844 A2 20110721	US20090289161P; US20100313153P; US20100321705P;	F03D001/02; F03D003/02; F03D011/00; F03D011/04;	AREION CORP;DITTFORTH PATRICK;VAN DEN BULCKE MARC;	ENERGY GENERATION SYSTEM AND RELATED METHODS
WO2011088136 A2 20110721	US20100382346P; US20100421522P; US20100657136;	F03D003/06; F03D011/00; F03D011/02; F03D003/02;	GRIGG CHARLES;	WIND TURBINE GENERATOR AND MOTOR
WO2011088372 A1 20110721	US20100295006P;	B29C070/20; F03D011/00; B29B011/16; B29C070/54; F03D003/06;	FRANKLIN ETHAN;GRUHN JOEL D;NARASIMHANKAMESHWAR AN;NEPTCO INC;	WIND TURBINE ROTOR BLADE COMPONENTS AND METHODS OF MAKING SAME
WO2011088832 A1 20110728	DK20100070017;	B66C013/06; F03D001/06; F03D011/04; B66D001/50;	AH IND PROJECTS APS;LARSEN HANSRICO;SOERENSEN BJARNE NOERGAARD;	A METHOD FOR CONTROLLING THE ORIENTATION OF A LOAD SUSPENDED FROM A BEARING WIRE ABOUT SAID BEARING WIRE AND A WINCH ARRANGEMENT
WO2011088834 A2 20110728	DK20100070019;U S20100297290P;	F03D001/06;	HANCOCK MARK;VESTAS WIND SYS AS;	A WIND TURBINE ROTOR BLADE HAVING A BUCKLING TRAILING EDGE
WO2011088835 A2 20110728	DK20100070020;U S20100297291P;	F03D001/06;	BECH ANTON;HANCOCK MARK;VESTAS WIND SYS AS;VRONSKY TOMAS;	SEGMENTED ROTOR BLADE EXTENSION PORTION

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WO2011088965 A2 20110728	EP20100000451;	F03D011/00; F16F001/40;	MITSCH FRANZ;	ELASTOMERIC SPRING HAVING MECHANICALLY CONTROLLABLE STIFFNESS
WO2011089036 A1 20110728	EP20100164992;G B20100001052;	F03D011/02; F16H001/28; F16D011/02;	BOGAERT ROGER;HANSEN TRANSMISSIONS INT;LITZBA JOERG;	PLANETARY GEAR UNIT WITH ROTATING RING GEAR
WO2011089277 A1 20110728	WO2010ES70027;	B64C003/44; F03D001/06;	BARCALA MONTEJANO MIGUEL A;GANDIAAGUEERA FERNANDO;RODRIGUEZ SEVILLANO ANGEL;SOLUCIONES ENERGETICAS S A;VELA VICO ANTONIO;	BLADE WITH A VARIABLE PROFILE AND SHAPE
WO2011090453 A1 20110728	UA20100000505U; UA20100000506;	F03D005/06; F03B013/06;	GONCHARENKO SERGEY PETROVICH;	METHOD AND APPARATUS FOR CONVERTING THE KINETIC ENERGY FROM A STREAM OF FLUID MEDIUM
WO2011090729 A2 20110728	US20090290396P;	F03D011/00; F03D003/04;	AWR ENERGY INC;MARIN ED;	CONTROLLED, DIFFUSED, AND AUGMENTED WIND ENERGY GENERATION APPARATUS AND SYSTEM
WO2011090785 A2 20110728	US20100282303P;	F01K015/02; F02B063/04; F02D029/06; F01B023/10; F03D009/00;	WARD MARVIN WESLEY;	SYSTEM, APPARATUS AND METHOD FOR CLEAN, MULTI-ENERGY GENERATION
WO2011091476 A1 20110804	AU20100900360;	F03D007/04; F03D001/06;	DEWISARTHUR DAVID;QUIET ENERGY SECURITIES PTY LTD;WOOD KIM XAVIER;	WIND TURBINE

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WO2011091653 A1 20110804	CN20101101821;	F03D001/04; F03D011/04;	WANG XIUSHUN;	MATRIX-TYPE WIND GENERATING DEVICE
WO2011091654 A1 20110804	CN20101101851;	F03D007/04;	WANG XIUSHUN;	WIND POWER GENERATION MODULE
WO2011091799 A1 20110804	DK20100070030;D K20100070284;	B66C001/66; E04H012/22; E04H012/12; F03D011/04; E04H012/16;	CONELTO APS;HANGEL JOERGEN;	A TOWER CONSTRUCTION AND A METHOD FOR ERECTING THE TOWER CONSTRUCTION
WO2011091863 A1 20110804	DE201010001438;	F24F012/00; F03D011/00; F24F003/14;	BUSS HELMUT;	METHOD AND DEVICE FOR DEHUMIDIFYING INTERIOR AIR IN OFFSHOREAPPLICATIONS
WO2011092032 A1 20110804	EP20100000974;	F03D001/06; F03D007/02;	LM GLASFIBER AS;SLOT MARK OLAF;	A METHOD OF IN SITU CALIBRATING LOAD SENSORS OF A WIND TURBINE BLADE
WO2011092437 A1 20110804	FR20100050634;	B63B035/00; F03D001/00;	DCNS;THIEFFRY PHILIPPE;	FLOATING SUPPORT FOR OFFSHORE STRUCTURE SUCH AS A WIND GENERATOR INPARTICULAR
WO2011092481 A1 20110804	GB20100001578;	B64D015/12; B64D045/02; F03D001/06;	ENGLISH PETER;GKN AEROSPACE SERVICES LTD;LEWIS STUARTMARTIN;WINTER NICHOLAS JOHN;	ELECTROTHERMAL HEATER
WO2011092565 A1 20110804	IT2010TO00059;	F03D011/00;	ESPISLUCA;LAGHI MATTEO;PALLOTTI FABIO;TREVI ENERGY S P A;	MONOBEARING EOLIC TURBINE WITH RADIAL FLOW ELECTRIC GENERATOR ANDEXTERNAL STATOR

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WO2011092716 A1 20110804	IN2010KO00077;	F03B007/00; F03D009/00; F03B013/06; F03D001/02;	KHARKATHOKI PURNA BAHADUR;	CYCLONIC AERO-HYDRO MULTI STORAGE POWER PLANT
WO2011093192 A1 20110804	JP20100019250;JP 20100022465;JP20 100043182;JP2010 0083379;	H05B006/02; H02N011/00; F03D009/00;	OKAZAKI TORU;SUMITOMO ELECTRIC INDUSTRIES;	POWER GENERATION SYSTEM
WO2011093725 A1 20110804	NO20100000154;	F03D011/04;	VELUND DAG;	AN ARRANGEMENT AND A METHOD IN CONNECTION WITH A FLOATING WIND TURBINE
WO2011094569 A1 20110804	US20100299206P; US20100749341;U S20100749951;US 20100793931;US20 100828698;	F03D001/04;	DOLD ROBERT H;FLODESIGN WIND TURBINE CORP;KEELEY WILLIAM SCOTT;KENNEDY THOMAS J III;PRESZ WALTER M JR;WERLEMICHAEL J;	FLUID TURBINE
WO2011094907 A1 20110811	CN20101109959;	F03B013/06; F03D009/00;	GU GUOBIAO;INST ELECTRICAL ENG CAS;QIANGUANGYUE;RUAN LIN;	EVAPORATIVE COOLING WIND-ENERGY PUMPED- STORAGE COMBINED GENERATINGSYSTEM
WO2011094910 A1 20110811	CN201019114063;	F16D065/28; F03D007/06;	JIANG DALONG;NAT WIND ENERGY CO LTD;SHENG MINGFAN;WANG JIANHUI;	BRAKING METHOD AND BRAKING DEVICE USED FOR VERTICAL SHAFT WIND-DRIVENGGENERATOR



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WO2011094914 A1 20110811	CN201019114065;	H02K007/09; F03D003/00;	JIANG DALONG;NAT WIND ENERGY CO LTD;SHENG MINGFAN;WANG JIANHUI;	MAGNETIC SUSPENSION SUPPORT DEVICE FOR VERTICAL SHAFT WIND-DRIVENGGENERATOR
WO2011095075 A1 20110811	CN20101106452;	F03D003/02;	JINAN HIGH TECH DEV ZONE ZHONGTAI ENVIRONMENTAL PROT TECHNOLOGY DEV CT;WANG JINGFU;	WIND POWER GENERATING DEVICE AND WIND BLADE STRUCTURE
WO2011095117 A1 20110811	CN20102115120U;	F03D011/00; B64C033/02; F03B003/12; F03D003/06;	ZHOU YUEPING;	ROTARY VARIABLE-DIAMETER FLAPPING WING
WO2011095167 A2 20110811	DK20100000101;	F03D001/00; B66C023/16;	UFUK OKUTAN;	A METHOD FOR LIFTING AND LOWERING OF A WIND TURBINE BLADE
WO2011095169 A2 20110811	DK20100070033;U S20100300598P;	F03D007/02;	LI BING;PARKHOU MASOUD;TUMABCAO MICHAEL CASEM;VESTAS WIND SYS AS;	TEST SYSTEM FOR WIND TURBINE DUMP LOAD
WO2011095170 A1 20110811	GB20100001855;U S20100301451P;	G01P013/04; F03D011/00; G01P013/00; G01P005/20; G01P005/26;	OLESEN IB SVEND;VESTAS WIND SYSTEMS;	A WIND TURBINE OPTICAL WIND SENSOR
WO2011095349 A1 20110811	WO2010EP00727;	F03D011/00; F03D007/02; F16C027/06;	BRUBAKER ERIC L;MUELLER THOMAS G;REEDMAN ADAM;SKF AB;	HYBRID WIND TURBINE BLADE BEARING

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011095519 A2 20110811	DK20100000099;U S20100301886P;	F03D001/00; F03D007/04;	HALES KELVIN;HERBSLEB EIK;SPRUCE CHRIS;VESTAS WIND SYS AS;ZHOU YU;	METHOD OF OPERATING A WIND POWER PLANT
WO2011095655 A1 20110811	ES20100000131;	F03D007/02;	DIAZ DE CERIO GARCIA DE MENDAZACESAR;FERNANDE Z GARCIA ANGEL;GAMESA INNOVATION & TECH SL;	MECHANICAL BRAKE FOR A WIND TURBINE
WO2011095729 A2 20110811	FR20100050872;	F03D011/04;	ALIZEO;LAVAU RICHARD;	WIND TURBINE MOUNTED ON AN ANCHOR BLOCK
WO2011096500 A1 20110811	JP20100023504;	H02G013/00; H05F003/04; F03D011/00;	JAPAN STEEL WORKS LTD;MUTO ATSUTOSHI;	LIGHTNING PROTECTION STRUCTURE FOR BLADE FOR WIND POWER GENERATION
WO2011096560 A1 20110811	JP20100025380;	F03D011/00; F03D011/04;	GOTOU CHUUHACHI;HIRAI SHIGETO;MATSUO TAKESHI;MITSUBISHI HEAVY IND LTD;NAKAMURA TAISUKE;OKANO YASUSHI;SATO SHINSUKE;	WIND-POWERED ELECTRICAL GENERATOR
WO2011096816 A1 20110811	NO20090003591;N O20100000589;	F03B013/14; E02B009/08; F03B013/18; F03D009/00;	HASSAVARI NADER;	DEVICE OF A POWER PLANT

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WO2011096851 A1 20110811	WO2010SE50030;	H05B003/14; F03D011/00; B64D015/12; F03D003/06; F03D001/06;	NORDIN PONTUS;SAAB AB;STRINDBERG GOETE;	MULTIFUNCTIONAL DE-ICING/ANTI-ICING SYSTEM OF A WIND TURBINE
WO2011097023 A1 20110811	US20100658131;	F03D009/00; H02P009/04;	WILLIAMS HERBERT L;	TURBINE BLADE
WO2011097024 A1 20110811	US20100337356P;	F03D001/06;	EATS JAMES V;GARDEN ENERGY INC;WATTS PHILIP;	WIND POWER GENERATION SYSTEM
WO2011097778 A1 20110818	WO2010CN01033;	B63B035/44; F03D009/00;	DING HONGYAN;JLANGSU DAODA OFFSHORE WIND CONSTRUCTION TECHNOLOGY CO LTD;LIAIDONG;	INSTALLATION METHOD AND RECOVERY METHOD FOR OFFSHORE WIND TURBINE
WO2011097779 A1 20110818	WO2010CN01034;	B63B035/44; F03D009/00;	DING HONGYAN;HUANG XUANXU;JLANGSU DAODA OFFSHORE WIND CONSTRUCTION TECHNOLOGY CO LTD;LIAIDONG;	MARINE WIND TURBINE WHOLE MACHINE
WO2011097798 A1 20110818	WO2010CN70621;	F03D003/04;	WEI BIN;	BLADE SYSTEM FOR VERTICAL-AXIS WIND-POWER GENERATOR
WO2011097800 A1 20110818	WO2010CN70626;	F03D003/06; F03D003/00; F03D011/00;	BI LEI;	BLADE SYSTEM FOR CAPTURING WIND POWER
WO2011097867 A1 20110818	CN20101113173;	F03D003/06; F03D011/02; F03D009/00;	CHEN YUNZUO;DONG YUQING;	BALLOON-WINDMILL WIND-ENERGY TRANSFERRING AND COLLECTING SYSTEM

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WO2011098084 A1 20110818	DK20100070052;	B29C044/00; F03D001/06;	BRUUN THOMAS;THOMAS HOLDING AARHUS AS;WIELAND MAJA ROSE;	FOAM MEMBERS AND A SPAR ARE ASSEMBLED THEN COATED AND FINISHED TO FORMA BLADE FOR A WIND TURBINE
WO2011098506 A1 20110818	DK20100070045;U S20100303488P;	F03D001/06;	HIBBARD PAUL;VESTAS WIND SYS AS;	A SECTIONAL BLADE
WO2011098642 A1 20110818	ES20100030210;	F03G006/04; A01G033/00; C02F001/14; F03G006/00; F03D009/00;	GARCIA JUAN CARLOS;GARCIAANGELA NURIA;LOPEZ PASTOR MIRIAM;MARCILLA GOMIS ANTONIO FRANCISCO;UNIV ALICANTE;	INTEGRATED ENERGY HARNESSING SYSTEM
WO2011098754 A2 20110818	GB20100002046;	F03D009/00; H02K007/06;	KELLY HUGH-PETER GRANVILLE;PACKARD STEPHEN JOHN;TRIDENT ENERGY LTD;VAN DEN BERGH MALCOLM;	ENERGY CONVERSION MEANS FOR WIND TURBINES
WO2011098906 A2 20110818	IT2010BO00015U;	F21S008/08; F21S009/03; F21S009/04; F03D003/02; F03D009/00; F03D003/00;	GAMBERI MAURO;PRASTEL S P A IN FALLIMENTO;RICCI RENATO;UGGE ANGELO;	ELECTRIC GENERATOR POLE DEVICE
WO2011098957 A1 20110818	IT2010GE00015;	F03D003/04; F03D003/06;	NATURAMICA SOCIETA COOPERATIVA;TICCONI ALBERTO;	VERTICAL AXIS WIND GENERATOR

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WO2011099134 A1 20110818	WO2010JP51998;	F03D011/00;	FUJIOKAYOSHIHIRO;IMANAG A ATSUSHI;MITSUBISHI HEAVY IND LTD;NUMAJIRI TOMOHIRO;	METHOD FOR LIFTING AND LOWERING EQUIPMENT WITHIN ROTOR HEAD OF WIND-DRIVEN ELECTRICITY GENERATION DEVICE
WO2011099139 A1 20110818	WO2010JP52032;	F03D011/00; F03D011/04;	FUJIOKA YOSHIHIRO;IMANAGA ATSUSHI;MITSUBISHI HEAVY IND LTD;	WIND POWER GENERATION DEVICE
WO2011099142 A1 20110818	WO2010JP52055;	H02J003/38; F03D009/02; H02J003/32; G01R011/56;	BANDO MATSUO;JAPAN WIND DEV CO LTD;	WIND TURBINE GENERATOR SYSTEM
WO2011099379 A1 20110818	JP20100029749;	F03D003/06; F03D009/00; F03D003/04;	ISHIKAWA HIROSHIGE;MEIKINGU KK;	POWER GENERATION TURBINE
WO2011100536 A1 20110818	US20100303339P; US20100332722P; US20100415610P; US20100749341;U S20100914509;US 20100983082;	F03D001/04;	FLODESIGN WIND TURBINE CORP;KENNEDY THOMAS J III;PRESZ WALTER M;WERLE MICHAEL J;	FLUID TURBINE
WO2011100860 A1 20110825	WO2010CN00219;	F03D005/02;	LIAO FUCHANG;	WIND-POWER DRIVING DEVICE WITH Laterally ROTATING FAN BLADES

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WO2011100965 A2 20110825	DE201010002181;	F03D011/04; B63B035/00; B66C023/26; F03D001/00; B60P003/40; F03D011/00; B66C009/00; G06Q010/00;	GLADE JOACHIM;STRABAG OFFSHORE WIND GMBH;WEBER KLAUS;	ONSHORE PRODUCTION FACILITY FOR OFFSHORE WIND ENERGY SYSTEMS AND METHOD FOR CREATING AT LEAST PARTIALLY FINISHED OFFSHORE WIND ENERGY SYSTEMS
WO2011101615 A1 20110825	GB20100002558;	F03D007/04; F03D007/06; F03D007/02; F03D003/00; F03D003/06;	TURNER CHRISTOPHER;WESBY PHILIP;	WIND TURBINE
WO2011101650 A2 20110825	GB20100002646;	F03D009/00; F03D003/02; F03D011/04;	RODWAY GILES HENRY;	WIND TURBINE SYSTEM
WO2011101974 A1 20110825	WO2010JP52478;	F01K023/00; F03D009/00;	TABATA YASUHISA;	BASIC STRUCTURE OF ELECTRIC-POWER GENERATION SYSTEM AND PIPELINE
WO2011103358 A1 20110825	US20100305912P; US20100852101;	F03D009/00;	NAIR BALAKRISHANAN;OSCILLA POWER INC;	ELECTRICAL GENERATOR THAT UTILIZES ROTATIONAL TO LINEAR MOTIONCONVERSION
WO2011104120 A1 20110901	US20100713610;	F03B011/00; F03D011/00; F03D009/00;	GAMBOA TUESTA DIRK;SCHULZ MARKUS;VAAYUU LLC;	EMISSIONS SAVINGS INDICATOR FOR STAND-ALONE RENEWABLE-ENERGYGENERATING DEVICE
WO2011104270 A2 20110901	DK20100070068;U S20100308135P;	H02J003/18; F03D007/00;	GARCIA JORGE MARTINEZ;VESTAS WIND SYS AS;	WIND TURBINE CONTROLLER APPLYING DIFFERENTIAL POLE CONTROL ALGORITHM
WO2011104273 A2 20110901	DK20100070069;U S20100308132P;	H02J003/18; F03D007/00;	GARCIA JORGE MARTINEZ;VESTAS WIND SYS AS;	METHOD AND CONTROL ARRANGEMENT FOR CONTROLLING A REACTIVE POWER SOURCE

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WO2011104318 A1 20110901	DE201010009153;	F03D007/02;	SCHULZ MICHAEL;SUZLON ENERGY GMBH;VILBRANDT REINHARD;WILLAU SCHUS OLAF;	OVERVOLTAGE-PROTECTED CONTROL UNIT FOR AN ADJUSTING SYSTEM OF WINDTURBINE ROTOR BLADES
WO2011104395 A1 20110901	ES20100000225;	F03D001/00; F03D011/04;	COLOMA FERNANDEZ GONZALO;GAMESA INNOVATION & TECH SL;GAMINDE LARRETA BEINAT;	BLADE-HANDLING TOOL
WO2011104433 A1 20110901	FI20100005179;	G01M013/02;	ESPOTEL OY;SIHVO TERO;UIMONENTAPIO;VIRKA JAERVI MIKKO;	MONITORING SYSTEM FOR MONITORING THE CONDITION OF PLANETARY GEARS
WO2011104506 A2 20110901	GB20100003033;	F03D001/00; F03D007/04; F03D011/04;	DIETRICH WOLF;UNIV CITY;	IMPROVED WIND TURBINE WITH ADAPTABLE ROTOR
WO2011105887 A1 20110901	WO2010NL00032;	F03D007/02;	HOOFDWEG MAN S BV;KROP HUGO KAREL;	WINDMILL PROPELLER BLADES WITH BUILT-IN EXTENDABLE FLAPS
WO2011106733 A2 20110901	US20100308214P;	F03D001/06; F03D011/00;	UNIV CALIFORNIA;WIRZ RICHARD E;	ADVANCED AERODYNAMIC AND STRUCTURAL BLADE AND WING DESIGN
WO2011106737 A2 20110901	US20100308219P;	F03D011/00; F03D001/06; F03D003/06;	ASPE SEBASTIAN;UNIV CALIFORNIA;WIRZ RICHARD E;	INTEGRATED WIND TURBINE
WO2011106919 A1 20110909	WO2010CN01517;	F03D001/02;	DAODA SHANGHAI WIND POWER INVEST CO LTD;DINGHONGYAN;HUANG XUANXU;LI AIDONG;	WIND GENERATING DEVICE

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WO2011106932 A1 20110909	WO2010CN70845;	F03D003/06; F03D007/06; F03D003/02; F03D011/04; F16N007/40;	LV HSUEH-PEN;	?-SHAPED FAN BLADE COMBINATION FOR WINDMILL
WO2011107631 A1 20110909	ES20100000283;	F03D003/06;	EGUIZABAL JUAN JOSE;GEOLICA INNOVATIONS S L;	VERTICAL-AXIS WIND ROTOR
WO2011107634 A1 20110909	ES20100000263;	F03D001/06;	GAMESA INNOVATION & TECH SL;HANSEN TORBEN M;	DIRECTLY ACTUATED WIND-TURBINE GENERATOR
WO2011108912 A2 20110909	MA20100032522;	F24J002/12; F24J002/18; F03D001/00; F24J002/15;	BERNOUSSI BENAISSA;	MULTI-DIRECTIONAL FRUSTO-CONICAL DUAL REFLECTOR
WO2011108938 A2 20110909	NO20100000320;	F03D001/00; E02B017/02; B63B035/00; B63B009/06;	FOSSO JAN;HARTMARK CARL;INGENIUM AS;	METHOD AND DEVICE FOR INSTALLATION OF AN ELONGATED OFFSHORE STRUCTURE
WO2011109003 A1 20110909	UA20100002217;	F03D001/00;	GALETSKIJ ANATOLIJ JUREVICH;	WIND ENERGY INSTALLATION
WO2011109032 A1 20110909	US20100660888;U S20100660914;	F03D007/00; F03D011/00; F03D007/02;	DEERING KENNETH JAMES;	WIND TURBINE CONTROL SYSTEM AND APPARATUS



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WO2011109611 A1 20110909	US20100310940P;	F03D003/06; F03D003/00; F03D007/06; F03D007/02;	DEKA PRODUCTS LP;KAMEN DEAN;LANGENFELD CHRISTOPHER C;LANIGAN GEORGE B;SCHNELLINGER ANDREW A;SMITH STANLEY B III;	WIND TURBINE APPARATUS, SYSTEMS AND METHODS
WO2011109659 A1 20110909	US20100310234P; US20100414732P;	H02K021/12;	BAERTSCH ROBERT;COLE JOHN;FOSTER CLARK;PERKINSCHRISTOPHER;UNIMODAL SYSTEMS LLC;WAMBLE JOHN LEE III;	MODULAR ELECTRIC GENERATOR FOR VARIABLE SPEED TURBINES
WO2011109942 A1 20110915	WO2010CN70997;	F03D003/06; F03D009/00;	LIN CHINTSAI;	WIND POWER-GENERATING STRUCTURE
WO2011110193 A1 20110915	WO2010EP01522;	F03D009/00;	BARTSCH MATTHIAS;POWERWIND GMBH;	METHOD FOR CONTROLLING THE FEEDING OF ELECTRICAL POWER OF A WINDTURBINE INTO AN ALTERNATING-CURRENT NETWORK
WO2011110234 A1 20110915	EP20100156336;	F03D001/00; F03D011/04;	JENSEN STEEN KIRKEGAARD;RASMUSSEN ANDERSNYGAARD;SIEMENS AG;	WALL PORTION FOR A TOWER OF A WIND TURBINE
WO2011110235 A2 20110915	EP20100156330;	F03D011/04; E04H012/02;	SIEMENS AG;STIESDAL HENRIK;	WALL PORTION FOR A WIND TURBINE TOWER

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WO2011110254 A2 20110915	EP20100155963;	F03D011/04; F03D001/00;	LM GLASFIBER AS;OKUTAN UFUK;	A METHOD OF CRANELESS MOUNTING OR DEMOUNTING OF A WIND TURBINE BLADE
WO2011110429 A2 20110915	DE201010010958;	F03D007/02;	BERTOLOTTI FABIO;KESTERMANNHERMA NN;SSB WIND SYSTEMS GMBH & CO KG;VAN SCHELVE JENS;	REDUNDANT PITCH SYSTEM
WO2011110698 A1 20110915	WO2010ES70133;	F03D009/02; F03B013/06; F03B015/00;	BALLESTEROS APARICIO JUAN CARLOS;BLAZQUEZ GARCIA FRANCISCO;ENDESA GENERACION S A;MARTINEZ GONZALEZ SERGIO;PLATERO GAONA CARLOS ANTONIO;RAMIREZ PRIETO DIONISIO;RODRIGUEZ ARRIBAS JAIME;VEGANZONES NICOLAS CARLOS;	CONTROL METHOD AND SYSTEM FOR HYDRAULIC WIND FARMS WITH PUMPEDACCUMULATION
WO2011110818 A2 20110915	GB20100003955;G B20100010794;GB 20100018478;	F03D001/00;	GILES JOHN;W3G MARINE LTD;WEST ALAN;WILLIS STEWART;WILSON PAUL;	SYSTEM FOR SECURING A WIND TURBINE DURING TRANSPORTATION TO AN OFFSHORE LOCATION
WO2011111730 A1 20110915	JP20100056193;JP 20110046247;	F03D011/02; F03D011/00;	NTN TOYO BEARING CO LTD;SAKAGUCHI TOMOYA;	ABRASION DETECTION DEVICE, WIND POWER GENERATOR EQUIPPED THEREWITH,AND ABRASION DETECTION METHOD

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WO2011112065 A1 20110915	LT20100000020;	F03D003/00;	GURTOVOJ SERGEJ;	WIND TURBINE WITH A CYLINDER ROTOR
WO2011112318 A2 20110915	US20100721628;	F03D009/02; F03D005/02;	BOEING CO;HARBER BENJAMIN;OUELLETTE RICHARD P;	WIND POWER SYSTEM
WO2011112959 A2 20110915	US20100723333;	G01P003/36; G02B023/16; G01S007/0481 ; G01S017/58; F03D011/00;	CATCH THE WIND INC;DEDE EDGAR K;SIMPSON KENNETH W;	REMOTE LENS UNIT ASSEMBLY FOR LASER DOPPLER VELOCIMETER
WO2011113143 A1 20110922	US20100314399P;	F03D009/00; H02K001/12; H02K003/46; H02K015/06;	BRI ENERGY SOLUTIONS LTD;IRELAND BARRY ROSS;	COMPONENTS FOR GENERATORS, THEIR USE AND STATOR MOUNTING
WO2011114117 A2 20110922	GB20100004654;	F03B017/02; F03D009/00; F03B013/26; F03B013/24;	LIM ROBERT;	POWER GENERATING APPARATUS AND METHOD
WO2011114549 A1 20110922	WO2010JP64843;	F03D011/04;	MITSUBISHI HEAVY IND LTD;SHIRAISHI YASUAKI;WATANABEKUNIK A ZU;	MAINTENANCE METHOD FOR WIND POWER GENERATION DEVICE
WO2011114877 A1 20110922	JP20100058783;	F03D007/02; F03D011/00;	HASEBA TAKASHI;HIRATA JUNICHI;NINOYU NOBUYUKI;NTN TOYO BEARING CO LTD;SAKAGUCHI TOMOYA;TORISAWA HIDETO;	WIND FARM MONITORING SYSTEM

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WO2011115325 A1 20110922	KR20100023543;K R20100036593;	H02N002/00; H01L031/58; H01L031/42; F03D007/02;	LEE JIN YONG;SINB & SUN CO LTD;	ENVIRONMENT-FRIENDLY POWER GENERATOR USING PIEZOELECTRIC ELEMENT
WO2011115355 A1 20110922	KR20100024350;	F03D003/00; F03D011/00;	FINE CHEMICAL CO LTD;LEE SUNG YULL;	VERTICAL-AXIS WIND-POWERED GENERATOR
WO2011115419 A2 20110922	KR20100023908;	F03D001/00; F03D009/00; H01L031/42;	LEE GEON-GOOK;TECHWON CO LTD;	SOLAR- AND WIND-POWER GENERATING APPARATUS CAPABLE OF BEING DISMANTLED AND ASSEMBLED
WO2011115475 A2 20110922	NL20092003387;	F03B017/06; B63H001/36; B64C009/00;	GORIS BAS;GORIS BAS DOING BUSINESS AS OSCILLATING FOIL DEV;	METHOD AND APPARATUS FOR OSCILLATING A FOIL IN A FLUID
WO2011115843 A1 20110922	US20100314104P; US201113039954;	F03D001/00;	NEW MILLENNIUM WIND ENERGY LLC;THACKER ANDREW CARLTON II;	WIND TURBINE CONTROL
WO2011116231 A2 20110922	US20100315792P;	F03D011/00; F03D001/06;	POWERS WARREN L;SP TECH;TOPAZ PETER A;TOPAZ STEPHEN R;	PROPELLER BLADE
WO2011116249 A2 20110922	US20100314716P;	F03D009/00; B65D088/10; H01L031/42; E04B001/0348; B60P003/32;	HARDIN BRADLEY SPENCER;	SUSTAINABLE MODULAR STRUCTURE POWERED BY GREEN ENERGY
WO2011116440 A1 20110929	BR2010PI00815;	F03D003/00; F03D003/06;	DULCETTI FILHO FLAVIO FRANCISCO;	VERTICAL WIND TURBINE WITH ARTICULATED BLADES
WO2011116845 A2 20110929	EP20100157903;	F03D009/00;	SIEMENS AG;THOMSEN THYGE SKOVBJERG;	DIRECT DRIVE WIND TURBINE

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WO2011117005 A2 20110929	DK20100070117;U S20100316152P;	F03D011/00; F03D011/04;	A PORTA PETER HAAKON;ABOLFAZLIAN MAZYAR;BUCH-LORENTSEN KARSTEN;HANSEN ERLAND FALK;HANSEN FRANK MOELLER;MOGENSEN MORTEN;MORTENSEN HENNING;VESTAS WIND SYS AS;	A NACELLE FOR A WIND TURBINE, THE NACELLE COMPRISING SIDE UNITS
WO2011117080 A2 20110929	EP20100157898;	F03D011/02;	KJAERGAARD FINN;MUNCH JESPER;SIEMENS AG;	DIRECT DRIVE WIND TURBINE, TRANSPORT SYSTEM AND METHOD OF CONSTRUCTION OF A DIRECT DRIVE WIND TURBINE
WO2011117081 A2 20110929	EP20100157892;	F03D001/06;	KJAERGAARD FINN;MUNCH JESPER;SIEMENS AG;	WIND TURBINE AND METHOD OF CONSTRUCTION OF A WIND TURBINE
WO2011117246 A2 20110929	US20100316541P;	F03D007/04;	MIRANDA ERIK CARL LEHNSKOV;SOERENSEN MARTIN MOELLER;VESTAS WIND SYS AS;	A METHOD FOR DE-ICING THE BLADES OF A WIND TURBINE AND A WIND TURBINE WITH A DE-ICING SYSTEM
WO2011117276 A2 20110929	DE201010016086;	F03D003/06;	PENN ANNELIESE;PENN ROBERT;	ROTOR BLADE FOR H ROTOR
WO2011117723 A1 20110929	IT2010PO00003;	F03D007/00; G05B013/02;	EN ECO ENERGY FOR ECOLOGY S R L;MORETTI GIORGIO;	METHOD FOR CONTROLLING AEROGENERATORS FOR PRODUCING ELECTRICAL ENERGY
WO2011117899 A2 20110929	IT2010VI00080;	B66F007/08; B63B035/50;	BESENZONI GIOVANNI;FINANCIAL S R L B;	PLATFORM FOR THE LANDING OF AN AIRCRAFT ON AN ACCESS FACILITY

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WO2011120523 A2 20111006	DK20100000272;U S20100319305P;	F03D009/00; H02J003/38;	CAO SHU YU;GUPTA AMIT KUMAR;HELLE LARS;LI BING;SNG ENG KIAN KENNETH;TRIPATHI ANSHUMAN;VESTAS WIND SYS AS;	METHOD OF OPERATING A WIND TURBINE, WIND TURBINE, WIND TURBINE CONTROLLING SYSTEM, AND PROCESSING SYSTEM
WO2011120591 A1 20111006	WO2010EP54465;	E02B017/00; F03D001/00; H02B005/00;	AREVA T & D UK LTD;MILLER JEFFREY;	OFF-SHORE TRANSFORMER STATION WITH EXCHANGEABLE TRANSFORMER ASSEMBLY
WO2011120721 A1 20111006	EP20100158263;	F03D011/02;	ALSTOM WIND S L U;CASANOVASBERMEJO CARLOS;CASTELL MARTINEZ DANIEL;	WIND TURBINE
WO2011121471 A2 20111006	US20100751448;	H02P009/02; H02K015/00; F03D009/00; H02P009/42; H02K017/42;	AMSC WINDTEC GMBH;FISCHER MARTIN;	METHOD FOR RETROFITTING A WIND ENERGY CONVERTER
WO2011121557 A2 20111006	IT2010TO00258;	F03D007/00; F03D005/00; F03D005/06;	FAGIANO LORENZO;GERLERO ILARIO;KITENERGY S R L;MILANESE MARIO;	ACTUATING SYSTEMS FOR CONTROLLING THE FLIGHT OF A POWER WING PROFILE FOR CONVERSION OF WIND ENERGY INTO ELECTRICAL OR MECHANICAL ENERGY
WO2011123955 A1 20111013	US20100322778P; US201161443171P ;US201161446387 P;US20116146716 8P;	H02J015/00; F03D009/02; F04B023/02; B60L011/16; F15B021/08; F15B001/33;	BAUER WILL;KENWAY DANIEL JOHN;SYSCHENKO OLEKSANDR ALEX;	SYSTEM AND METHOD FOR ENERGY STORAGE AND RETRIEVAL
WO2011124270 A1 20111013	US20100321219P;	B63B035/00; F03D001/00; G06Q010/00;	BOTWRIGHT ADRIAN;VESTAS WIND SYS AS;	SYSTEM AND METHOD FOR INSTALLING AN OFFSHORE WIND FARM

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WO2011124574 A1 20111013	DE201010003694; DE201010042783;	B60P003/40; F03D001/00;	JANKE MIRKO;LUELKER FRANK;RESSEL DIRK;WOBBEN ALOYS;	TRANSPORT VEHICLE FOR ROTOR BLADES AND/OR TOWER SEGMENTS OF WIND POWERPLANTS AND TRANSPORT RACK FOR A TRANSPORT VEHICLE
WO2011124707 A2 20111013	GB20100005917;G B20100005942;	F03D001/06;	BORGEN EYSTEIN;CARRON WILLIAM;SWAY TURBINE AS;WESTMARK;	WIND TURBINE ROTOR AND WIND TURBINE
WO2011125485 A1 20111013	JP20100088973;JP 20100105921;	F03D009/02; H05B006/02; F03D009/00;	OKAZAKI TORU;SUMITOMO ELECTRIC INDUSTRIES;	INDUCTION HEATING DEVICE AND ELECTRICITY GENERATING SYSTEM COMPRISING SAME
WO2011125969 A1 20111013	JP20100087397;	F16H001/32; H02K007/18; H02K007/0116; F03D011/02;	TOGAMI KATSUMI;	ACCELERATOR AND GENERATOR DEVICE PROVIDED THEREWITH
WO2011126180 A1 20111013	KR20100032020;	F03D001/04; F03D011/00; F03D011/04;	KIM JUEN SOO;	WIND COLLECTION TOWER TYPE WIND POWER GENERATING SYSTEM
WO2011126397 A1 20111013	RU20100113591;	F03D001/02; F03D007/04;	ABINAEV RENAT KAYDAROVICH;BAKANOV ANATOLY GEORGIEVICH;TIKHONOVA ELENA LVOVNA;	WIND-DRIVEN POWER PLANT
WO2011126461 A2 20111013	TH20100000438;	F03D003/02;	TEERAWATTANANON CHAWALIT;	VERTICAL-AXIS WIND TURBINE
WO2011126961 A2 20111013	US20100754253;	H02P009/04; F03D011/00; F03D007/00;	NORTHERN POWER SYSTEMS INC;PETTER JEFFREY K;	SPEED SETTING SYSTEM AND METHOD FOR A STALL- CONTROLLED WIND TURBINE

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WO2011127420 A1 20111013	US20100322783P; US20100342327P;	F03D003/00; F03D007/02; F03D003/06;	GIFT TECHNOLOGIES LLC;LEW PAUL;	MULTI-ELEMENT WIND TURBINE AIRFOILS AND WIND TURBINES INCORPORATING THE SAME
WO2011127558 A1 20111020	US20100761099;	F17B001/26; F03D009/02; F15B001/04; H02J015/00;	HYDROSTOR INC;LEWIS CAMERON PHILLIP;	MODULARLY DEPLOYABLE AND SCALABLE COMPRESSED AIR ENERGY ACCUMULATOR
WO2011127573 A1 20111020	US20100323012P;	H02J015/00; C02F001/00; C02F001/04; F02B063/04; F03D009/00; H02K007/18; F01B023/10;	CURLETT HARRY;CURLETT JOSHUA;VAPORPURE HOLDINGS LTD;	MULTI-USE POWER GENERATION AND WATER PURIFICATION SYSTEM
WO2011127749 A1 20111020	CN20101146806;	F03D009/00; F03D007/00;	GUANGXI YINHE AVANTIS WIND POWER CO LTD;YANG JUN;	METHOD FOR REGULATING POWER OF DIRECT-DRIVE PERMANENT-MAGNETSYNCHRONOUS WIND POWER GENERATOR SET
WO2011127990 A2 20111020	EP20100159626;	F03D007/04; F03D011/00;	EGEDAL PER;LAURBERG HANS;SIEMENS AG;	METHOD AND SYSTEM FOR DETERMINING A MASS CHANGE ON A ROTATING BLADE OF A WIND TURBINE
WO2011127995 A1 20111020	EP20100159631;	F03D011/00;	LIND SOEREN OEMANN;MADSEN FINN DAUGAARD;SCHIBSBYE KARSTEN;SIEMENS AG;	FIXATION OF A HEATING MAT TO A BLADE OF A WIND TURBINE
WO2011127996 A1 20111020	EP20100159632;E P20100162190;	B64D015/12; F03D011/00;	LAURBERG HANS;SIEMENS AG;	CONTROLLING OF A HEATING MAT ON A BLADE OF A WIND TURBINE
WO2011127997 A1 20111020	EP20100159632;	B64D015/12; F03D011/00;	SIEMENS AG;STIESDAL HENRIK;	HEATING MATS ARRANGED IN A LOOP ON A BLADE



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WO2011128463 A1 20111020	WO2010ES00157;	F03D009/00;	LAHUERTA ROMEO MANUEL;TEMPERO 2000 S L;	TRANSPORTABLE POWER PLANT
WO2011129056 A1 20111020	WO2010JP56888;	F03D003/06; F03B013/26; F03D003/02; F03B003/12;	KATO SHOJI;	POWER GENERATION APPARATUS
WO2011129292 A1 20111020	JP20100095123;	F03D011/00;	KODAMA HARUO;NABTESCO CORP;YAMAMOTO NAOHIKO;	DRIVE UNIT FOR WINDMILL
WO2011129629 A2 20111020	KR20100034706;	F16F015/02; F03D011/04;	HUR MAN-EOK;KIM BONG- SUK;LEE JOON-KEUN;LS CABLE LTD;	VIBRATION ISOLATOR OF WIND TURBINE SYSTEM
WO2011129859 A2 20111020	US20100323500P; US20100910580;	F03D009/00; F03D003/06; F03D003/04;	ISKRENOVIC ZORAN;SEVEN INTERNAT GROUP INC;	WIND TURBINE UTILIZING WIND DIRECTING SLATS
WO2011130391 A1 20111020	US20100323956P;	F03D001/06;	ARCJET HOLDINGS LLC;PERLESS ROBERT;THRASHER B HOLT;THRASHER TALBOT P;	TURBINES
WO2011130797 A1 20111027	AU20100901616;	F03B003/18; F03B015/18; F03B003/14; F03D007/06; F03D003/04; F03D003/06;	KIRKE BRIAN KINLOCH;	IMPROVED CROSS FLOW WIND OR HYDROKINETIC TURBINES

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WO2011131205 A1 20111027	DK20100070151;U S20100326263P;	F03D011/00; H02G013/00;	BERTELSEN KIM;ERICHSEN HANS V;MOLBECH ALLAN LAURSEN;VESTAS WIND SYS AS;	LIGHTNING CURRENT TRANSFER UNIT, WIND TURBINE, METHOD AND USE THEREOF
WO2011131254 A2 20111027	EP20100160553;	F03D001/00; F03D011/00; B66C001/10;	SIEMENS AG;STEFFENSEN SOEREN;	FIXTURE AND FRAME WHICH IS CONNECTABLE TO AN END OF A MEMBER AND METHOD FOR CONNECTING A FIXTURE TO AN END OF A MEMBER
WO2011131803 A1 20111027	ES20100030583;	H02P009/30; F03D009/00; H02K017/44;	AGUIRRE JIMENEZ OSCAR ENRIQUE;GARMENDIA LASA JESUS MA;IMAZINSAUSTI JOSE ANTONIO;	THREE-PHASE ELECTRICAL GENERATOR AND SYSTEM FOR TURBINES
WO2011131922 A2 20111027	GB20100006475;	F03D007/04; G01N027/04; G01N027/20;	TURNER CHRISTOPHER;WESBY PHILIP;	SYSTEM AND METHOD FOR A SURFACE STRAIN GAUGE
WO2011131923 A1 20111027	GB20100006477;	F03D011/04; F03D007/06; F03D007/04; F03D003/06; F03D003/00;	TURNER CHRISTOPHER;WESBY PHILIP;	SYSTEM AND METHOD FOR A VERTICAL AXIS WIND TURBINE
WO2011132130 A1 20111027	IT2010TO00317;	F03D003/06; F03D003/00;	GAIO LORENZO;STAMET S P A;	VERTICAL AXIS WIND TURBINE DISGUISED AS A TREE

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WO2011134054 A1 20111103	US20100329134P; US201161475729P ;	H01L031/04; F03D003/06; F16M011/00; H02K007/18; F03D009/00; H01L031/58; F03D003/00;	BRYSON THOMAS PATRICK;	HYBRID WIND AND SOLAR ENERGY DEVICE
WO2011134372 A1 20111103	CN20102170026U;	F03D007/06; F03D007/04; F03D003/04;	HUANG BAOWEN;HUANG ZHENGJUAN;	WIND WHEEL DEVICE FOR WIND GATHERING AND WIND POWER GENERATION DEVICE
WO2011134472 A1 20111103	DK20100070177;	F03D001/00; B60P003/28;	MORTENSEN HENNING;VESTAS WIND SYS AS;	HANDLING OF A CRANE FOR USE IN INSTALLATION AND SERVICE OF WINDTURBINE GENERATOR COMPONENTS
WO2011134758 A2 20111103	TR20100003284;	F03D005/00;	CAPAN RAHMI OGUZ;	A TURBINE
WO2011134810 A1 20111103	DK20100070170;	F03D007/04; F03D001/06;	BJERTRUP NIELSEN THOMAS;GONZALEZ ALEJANDRO GOMEZ;JENSEN RASMUS;RECK MADS;SLOTHERIK;SUZLON BLADE TECHNOLOGY B V;	ROTOR FOR A WIND TURBINE

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WO2011135110 A1 20111103	WO2010ES70272;	C25B001/02; C25B015/02; F03D009/02;	ACCIONA EN S A;GUEL BENZU MICHELENA EUGENIO;INGET TEAM ENERGY S A;MARROYO PALOMO LUIS;PEREZ BARBACHANO JAVIER;SANCHEZ MAYAYO ISRAEL;SANCHIS GURPIDE PABLO;URSUA RUBIO ALFREDO;	HYDROGEN PRODUCTION SYSTEM FOR REGULATING THE POWER AT RENEWABLE ENERGY ELECTRIC PLANTS, AND A REGULATION METHOD
WO2011135306 A1 20111103	GB20100007336;	B29C070/86; F03D001/06; B29D099/00;	BEHMER HARALD;BLADE DYNAMICS LTD;HAYDEN PAUL TREVOR;	A MODULAR STRUCTURAL COMPOSITE BEAM
WO2011136353 A1 20111103	JP20100116725;JP 20100208508;	F03D003/06; F03D011/00;	SASA SATORU;	VERTICAL AXIS WINDMILL FOR WIND POWER GENERATION
WO2011136649 A1 20111103	NL20102004627;	F03D003/06; F03D003/00;	GROOT CORNELIS;WEST 6 B V;	TURBINE
WO2011137598 A1 20111110	WO2010CN72534;	F03D009/00; F03D003/06;	LIN CHINTSAI;	WIND POWER GENERATION DEVICE
WO2011137735 A1 20111110	CN20101166260;C N20102184100U;	F03D003/04; F03D001/04;	YUAN HEYA;YUAN HONG;	THERMAL WIND POWER GENERATION EQUIPMENT
WO2011137903 A2 20111110	DK20100000394;	B63B039/03; F03D011/04; B63B001/10;	HENRIKSEN STEPHAN MOELLGAARD;	SEMI-SUBMERGED MULTIPLE WIND-TURBINE SYSTEM

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WO2011137909 A1 20111110	GB20100008183;U S20100332251P;	B29C070/48; B29C070/86; F03D011/00;	CHRISTENSEN BJARNE FINN;VESTAS WIND SYS AS;	METHOD FOR PRODUCING A WIND TURBINE COMPONENT HAVING WIRELESS DEVICES EMBEDDED THEREIN
WO2011137937 A2 20111110	EP20100161943;	B66C013/08; F03D011/00; B66C023/20; B66C023/18; F03D001/00; B66C001/10;	DALL JOERGEN; PEDERSEN MIKAEL SKOVLY; SIEMENS AG;	TAGLINE BRACKET FOR HUB LIFT
WO2011137939 A1 20111110	EP20100161842;	F03D001/00;	FROM BO; LORENZEN JAN; SIEMENS AG;	CRADLE FOR SUPPORTING A PART OF A WIND TURBINE
WO2011138144 A1 20111110	DE201020006349U ;DE201020012499 U;	F03D003/00; F03D003/06;	HOROFA GRUENE EN AG; KAHNERT HOETGER SILVIA; ROSSMANN HOLGER;	WIND TURBINE
WO2011138724 A2 20111110	US20100330358P;	F16H037/08;	EITAN NIMROD; IQWIND LTD; POZMANTIR JACOB;	WIND TURBINE WITH DISCRETELY VARIABLE DIAMETER GEAR BOX
WO2011139085 A2 20111110	KR20100042213;	F03D001/02; F03B017/06; F03B015/08; F03B003/12;	LEE DONG CHEON;	HYDRO AND WIND POWER GENERATOR
WO2011139171 A1 20111110	PL20100391145;	F03D009/02; F03D009/00;	PISKORZ WALDEMAR;	HYDRO/AERO POWER PLANT

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WO2011140410 A1 20111110	US20100332722P; US20100914509;	F03D005/00;	DOLD ROBERT;FLODESIGN WIND TURBINE CORP;HICKEY TIMOTHY;KENNEDY III THOMAS J;PRESZ JR WALTER M;WERLEMICHAEL J;	FLUID TURBINE WITH SHROUD HAVING MIXING ELEMENTS
WO2011140411 A1 20111110	US20100332722P; US20100415592P;	F03D001/04;	FLODESIGN WIND TURBINE CORP;PRESZ JR WALTER M;WERLEMICHAEL J;	FLUID TURBINE WITH EJECTOR SHROUD
WO2011140611 A1 20111117	AU20100902065;	F03B003/08; F03B003/12; F03D001/06; F03D011/00;	RESA INTELLECTUAL PROPERTY PTY LTD;RICHTER STEPHEN JOHN;	A TURBINE BLADE ASSEMBLY
WO2011140702 A1 20111117	WO2010CN72623;	F03D003/00; F03D007/06;	WANG ZHAOTAI;	DOUBLE-LAYER REVERSE ROTATION COMBINED HORIZONTAL MOVABLE-WINGVERTICAL-SHAFT WIND TURBINE
WO2011140818 A1 20111117	CN20101171988;	F03D007/04;	GUANGXI YINHE AVANTIS WIND POWER CO LTD;YANG JUN;	CONTROLLING METHOD FOR A WIND MOTOR SET UNDER STRONG WIND
WO2011140824 A1 20111117	CN20101181383;	F03D003/00; F03D003/06;	JIN ZHEGEN;	WIND MACHINE WITH ROTATING WIND BOARDS
WO2011141034 A2 20111117	EG20100050773;	F03D009/00;	ELLEITHY RABIEH DESOKY;	WATER FROM AIR BY WIND POWER
WO2011141444 A2 20111117	EP20100162448;	F03D001/06;	HUFNAGEL KLAUS;LAMBIE BENJAMIN;UNIV DARMSTADT TECH;	INVENTION RELATING TO ROTOR BLADES IN PARTICULAR FOR WIND POWERINSTALLATIONS

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WO2011141511 A2 20111117	DE201010020426;	F03D009/00;	SCHUERMANN KLAUS;SEBASTIANLOTHAR;S IEMPELKAMP MASCH & ANLAGENBAU;	ELECTRIC MACHINE, IN PARTICULAR FOR A WIND TURBINE
WO2011141594 A1 20111117	ES20100000602;	F03D007/02;	GAMESA INNOVATION & TECH SL;VANGSY BENT;	DEVICE FOR SUBSTITUTING THE BRAKE IN AN AEROGENERATOR
WO2011141777 A1 20111117	WO2010IB55317;	F03D003/02; F03D007/06; F03D011/00;	OZKUL TARIK;	VERTICAL AXIS WIND TURBINE WITH SPEED REGULATION AND STORM PROTECTIONSYSTEM
WO2011142286 A1 20111117	JP20100110062;	F03D001/04;	E & E CO LTD;HIRATA HIROMASA;MOCHIZUKI NOBORU;	HORIZONTAL AXIS TYPE WIND POWER GENERATOR EQUIPPED WITH AIR CHANNEL
WO2011142653 A1 20111117	WO2010NL50266;	F03D001/06; F03D007/02; F03D009/00;	ARCHIMEDES B V DE;MIEREMET MARINUS;	WINDMILL, ROTOR BLADE AND METHOD
WO2011142682 A2 20111117	PT20100105112;	F03D005/00;	CARDOSO PAULO ALEXANDRE TEXEIRA E SILVA;	AIRBORNE ENERGY GENERATION AND DISTRIBUTION
WO2011142822 A1 20111117	US20100800280;	F03D009/00;	DRAVIS MARTIN;	HYBRID AIR TURBINE ENGINE WITH HEAT RECAPTURE SYSTEM FOR MOVING VEHICLE
WO2011142919 A1 20111117	US20100779475;	F03D011/02; F03D011/00; F03D001/02;	MELLER MOSHE;	WIND TURBINES DIRECT DRIVE ALTERNATOR SYSTEM WITH TORQUE BALANCING
WO2011143531 A2 20111117	US20100334302P;	F03D011/00; F03D007/00;	AL-ATAT HASSAN;LAPIRA EDZEL R;LEEJAY;UNIV CINCINNATI;	TURBINE-TO-TURBINE PROGNOSTICS TECHNIQUE FOR WIND FARMS

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WO2011144830 A1 20111124	FR20100002134;	F03D007/06; F03B017/06; F03D003/06;	NOTTEGHEM BERNARD;VAILLEAU CHRISTIAN;	TURBOGENERATOR COMPRISING A ROTOR HAVING BLADES WITH ANGLES OF ATTACK THAT ARE ADAPTED TO THE RELATIVE WIND
WO2011144970 A1 20111124	WO2010IB52256;	F03D001/06;	CAVALCANTE TOMAZ SCHMIDT;DE OLIVEIRA LUCIO CORREA OLIVEIRA;HIRSCH BRUNO DAL MEDICO;LEMO PHILLIPS ANTONIO D COSTA;OSSANAI LEO;SAV II HELY RICARDO;TECSIS TECNOLOGIA E SIST S AVANCADOS LTDA;	AEROGENERATOR BLADE AND METHOD OF MANUFACTURING THEREOF
WO2011144971 A1 20111124	WO2010IB52261;	F03D001/06;	NOGUEIRA FABIO FARANI;TECSIS TECNOLOGIA E SIST S AVANCADOS LTDA;VITOR ISMAEL RODRIGUES;	A BULKHEAD FOR AN AEROGENERATOR BLADE ROOT
WO2011147291 A1 20111201	CN20101180585;	F03D007/04; F03D001/06;	HE GUORONG;XU XUEGEN;YUKAI;ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD;	CENTRIFUGAL VARIABLE PITCH HUB FOR WIND MOTOR
WO2011147416 A2 20111201	DK20100070217;U S20100348462P;	F03D001/06;	JEROMERAJAN PREMKUMAR;NARASIMALUS RIKANTH;VESTAS WIND SYS AS;	A WIND TURBINE COMPONENT HAVING A SURFACE LAYER TO PREVENT ADHESION OF ICE



Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011147422 A2 20111201	DK20100070218;U S20100349964P;	F03D001/06;	BEHRENS TIM;BRYANT JOSHUA;JOHNSON BRADLEY;SAREEN ASHISH;VESTAS WIND SYS AS;XUESIDNEY;	METHOD AND APPARATUS FOR REDUCING FLUID FLOW INDUCED FORCES PRODUCEDBY VORTEX SHEDDING ON A WIND TURBINE ROTOR BLADE
WO2011147473 A1 20111201	EP20100163758;	F03D011/04; E02B017/00; E04H012/10; E04H012/14;	SIEMENS AG;STIESDAL HENRIK;	JACKET STRUCTURE FOR OFFSHORE CONSTRUCTIONS
WO2011147474 A1 20111201	EP20100163754;	E02D027/42; F03D001/00;	SIEMENS AG;STIESDAL HENRIK;	JACKET STRUCTURE FOR OFFSHORE CONSTRUCTIONS
WO2011147476 A1 20111201	EP20100163757;	F03D001/00; E02D027/50; E02D027/42; E02D027/52;	OESTERGAARD THOMAS;SIEMENS AG;STIESDAL HENRIK;	FOUNDATION STRUCTURE FOR OFFSHORE CONSTRUCTIONS
WO2011147477 A1 20111201	EP20100163755;	E02D027/42; F03D001/00;	SIEMENS AG;STIESDAL HENRIK;	A SUPPORT STRUCTURE FOR A WIND TURBINE
WO2011147478 A1 20111201	EP20100163752;	E04H012/08; F03D011/04;	KRYGER ARNE;RASMUSSEN ANDERS NYGAARD;SIEMENS AG;STIESDAL HENRIK;	A CORNER CONNECTION, IN PARTICULAR FOR A WIND TURBINE TOWER
WO2011147482 A1 20111201	EP20100164284;	E02D027/52; E02D005/80;	LYNDERUP HENRIK FOMSGAARD;OESTERGAARD THOMAS;PEDERSEN JESPER BJERRE;SIEMENS AG;	GROUND ANCHOR, OFFSHORE FOUNDATION USING A GROUND ANCHOR AND METHOD OFESTABLISHING AN OFFSHORE FOUNDATION

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011148133 A2 20111201	GB20100008920;G B20110002993;	F03D003/04;	AIRBORNE ENERGY LTD;MANNING HOWARD JOHN;	VERTICAL AXIS WIND TURBINE
WO2011148652 A2 20111201	GB20100009012;G B20100009013;WO 2010JP06978;WO2 010JP06979;WO20 10JP06982;	F03D009/00;	CALDWELL NIAL;DUMNOV DANIIL;ICHINOSE HIDEKAZU;LAIRD STEPHEN;MITSUBISHI HEAVY IND LTD;PAPPALA VENKATA;RAMPEN WILLIAM;SHIMIZU MASAYUKI;TSUTSUMIKAZUHI SA;	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE AND METHOD OFOPERATING THE SAME
WO2011148653 A2 20111201	GB20100009012;G B20100009013;WO 2010JP06977;WO2 010JP06978;WO20 10JP06979;WO201 0JP06981;WO2010 JP06982;	F03D009/00;	CALDWELL NIAL;DUMNOV DANIIL;FOX ROBERT;KARSTENS HAUKE;KOREMATSU YASUHIRO;LAIRD STEPHEN;MAEKAWA ATSUSHI;MITSUBISHI HEAVY IND LTD;NOGUCHI TOSHIHIDE;PAPPALA VENKATA;RAMPEN WILLIAM;ROBERTSON ALASDAIR;SALTER STEPHEN;SHIMIZUMASAYUKI ;STEIN UWE;TSUTSUMI KAZUHISA;	POWER GENERATING APPARATUS OF RENEWABLE ENERGY TYPE

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011149167 A1 20111201	KR20100049453;	F03D011/02; F03D007/00; F03D011/00;	KIM JOO-SOO;	HIGH-PERFORMANCE WIND TURBINE GENERATOR THAT CAN BE DRIVEN IN HORIZONTAL/VERTICAL AXIS DIRECTIONS WITH THE USE OF 3D ACTIVE INTELLIGENT TURBINE BLADES
WO2011149990 A2 20111201	US20100347724P;	F03D001/06;	ARENDT CORY P; BAKER MYLES L;	SEGMENTED WIND TURBINE BLADES WITH TRUSS CONNECTION REGIONS, AND ASSOCIATED SYSTEMS AND METHODS
WO2011150096 A2 20111201	US20100348159P;	F03D001/04; F03D003/04; F03D011/00;	AERODYNERGY INC; CHOW YUNG; FARONE WILLIAM A; KRIETZMAN MARK H;	VARIABLE PARTIAL WIND WALL
WO2011150171 A2 20111201	US20100348945P; US20100414658P; US20100414662P;	F03D003/06;	ABRAHAM JOHN; PLOURDE BRIAN; WINDSTRIP LLC;	ROTOR BLADE FOR VERTICAL AXIS WIND TURBINE
WO2011150484 A1 20111208	BR2010PI01891;	F03D003/00; F03D003/06; F03D003/04;	ENTEL ENGENHARIA E TECNOLOGIA LTDA; MORALES JOSE LUIZ;	VERTICAL-AXIS WIND TURBINE WITH AERODYNAMIC FLOW COMPRESSION, ACCELERATION AND DIRECTING MODULE
WO2011150756 A1 20111208	CN20101191997;	F03D007/04;	HE GUORONG; XU XUEGEN; YUKAI; ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD;	DOWNWIND VARIABLE PITCH WIND MOTOR
WO2011150931 A2 20111208	DK20100070236; U S20100350581P;	F03D007/04;	ABDALLAH IMAD; MIRANDA ERIK CARLLEHNSKOV; VESTAS WIND SYS AS; ZAIB ALI;	A METHOD FOR OPERATING A WIND TURBINE AT IMPROVED POWER OUTPUT

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011150941 A1 20111208	DK20100000479;U S20100351379P;	F03D007/04; G05B023/02;	KAPPELGAARD SOEREN;NIELSEN PER HAGEN;VESTAS WIND SYS AS;	DEVICE AND METHOD FOR TESTING A WIND POWER PLANT COMPONENT
WO2011150942 A1 20111208	US20100351454P;	F03D007/02; F03D011/00; G01P005/26;	VESTAS WIND SYS AS;WESTERGAARD CARSTEN HEIN;	AN IMPROVED WIND TURBINE DOPPLER ANEMOMETER
WO2011151943 A1 20111208	JP20100125350;JP 20100130372;JP20 100135106;	F03D001/06; F03D011/02; F03D009/00;	BIRUMEN KAGOSHIMA CO LTD;NOMOTO KAZUKI;NOMOTO KAZUOMI;YAGI MANABU;	WIND-DRIVEN ELECTRICITY GENERATION DEVICE
WO2011154110 A1 20111215	DE201010022996;	B66C001/62; B66C001/42; B66C001/10; B66C001/66;	BEHR CARL PETER;WADER WITTIS GMBH;	LIFTING APPARATUS FOR TOWER SEGMENTS
WO2011155278 A1 20111215	JP20100132738;	F03B015/08; F03D007/04; H02P009/40; H02P009/00; F03D009/00; H02P009/04;	ASO TOSHIYUKI;HAYASAKAKEISU KE;SAKUYAMA TAKASHI;TANAAMI AKIE;THK CO LTD;UNNO AKIHIRO;	FLUID POWER GENERATION DEVICE AN METHOD FOR CONTROLLING FLUID POWERGENERATION DEVICE
WO2011155416 A1 20111215	JP20100134263;	F03D011/04; F03D001/06; F16C029/06;	AIDA TOMOYUKI;HAYASHI YUKI;MIYAJIMA AYAKO;TANI KAZUHIRO;THK CO LTD;UNNO AKIHIRO;	ROTATION STRUCTURE, HORIZONTAL-SHAFT WIND POWER GENERATION DEVICE, ANDMOTION GUIDE DEVICE
WO2011155690 A2 20111215	KR20100053570;	F03D011/00; B66F011/04; F03D011/04;	HWANG MUYOUNG;KOREAMONORAIL CO LTD;	LIFT SYSTEM FOR THE MAINTENANCE, INSPECTION, AND REPAIR OF A TOWER STRUCTURE

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011156947 A1 20111222	WO2010CN73917;	B29C070/34; F03D011/00;	HUANG HUIXIU;LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CO LTD;QIAO GUANGHUI;QIAO XIAOLIANG;RENGUIFANG;	METHOD FOR MANUFACTURING BLADE ROOT OF MEGAVATT LEVEL WIND GENERATOR
WO2011156949 A1 20111222	WO2010CN73926;	F03D003/04; F03D009/00;	SUN SHOUQUAN;	DUCTED-TYPE WIND GENERATOR
WO2011157220 A1 20111222	CN20102227408U;	F03D009/02;	WANG CHENG-TE;	ENERGY STORAGE TYPE WIND-POWER GENERATING SYSTEM
WO2011157271 A2 20111222	DK20100070260;U S20100358432P;	F03D007/04;	JOERGENSEN MARTIN; THOMSEN JESPER SANDBERG; VESTAS WIND SYS AS;	A METHOD AND CONTROL UNIT FOR CONTROLLING A WIND TURBINE IN DEPENDENCE ON LOADING EXPERIENCED BY THE WIND TURBINE
WO2011157659 A1 20111222	DE201010030047; DE201010039796; WO2011EP57088;	F03D011/00; E04H012/12; F03D011/04; F03D001/00; E04H012/00;	BOEGL MAX BAUUNTERNEHMUNG GMBH; BOEGL STEFAN; HIERL MARTIN; KNITL JOSEF;	TOWER OF A WIND POWER PLANT AND METHOD FOR PRODUCING A TOWER OF A WINDPOWER PLANT
WO2011157849 A2 20111222	DK20100070271;	F03D001/06;	JENSEN RASMUS; KUHLMIEIER LENNART; NIELSEN THOMAS STEINICHE BJERTRUP; PETERSLUND ESTHER; SLOTH ERIK BILLESKOV; SUZLON BLADE TECHNOLOGY B V;	ROTOR BLADE FOR A WIND TURBINE

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011157859 A1 20111222	WO2010ES00271;	H02J007/00; F24J002/00; F03D009/00; F03G006/00;	ROMERO LAMPON JOSE LUIS;	RECHARGING STATION FOR ELECTRIC VEHICLES
WO2011157862 A1 20111222	WO2010ES70396;	H02P009/00; F03D009/00; H02P009/48; H02P009/10;	CARCAR MAYORAINHOA;INGETEA M ENERGY S A;MAYOR LUSARRETA JESUS;	ELECTRICITY GENERATION SYSTEM THAT WITHSTANDS VOLTAGE DIPS
WO2011158256 A2 20111222	IN2010CH01685;	F03D007/06;	RAGHUNATHAN V R;	SELF GOVERNING PITCH CONTROL MECHANISM IN VERTICAL AXIS WIND TURBINE
WO2011158350 A1 20111222	WO2010JP60230;	F03D011/00;	KAKI NAOIKI;KITANO MICHIO;WING INTERNAT CO LTD A;	VARIABLE PITCH DEVICE
WO2011159867 A1 20111222	US20100355427P; US20100355434P; US201161440579P ;	F03D011/00; F16J015/34; F16J015/02;	COUCHELL CHRISTOPHERJ;PARKER HANNIFIN CORP;THOMAS PHILIP M;	FLOATING WIND TURBINE BEARING SEAL WITH SYMMETRICAL PROFILE
WO2011160688 A1 20111229	WO2010EP58907;	H02K007/18; F03D003/06;	LIGHTYEARS HOLDING AG;MEISSNER MATTHIAS;	WIND TURBINE
WO2011161442 A2 20111229	GB20100010498;G B20100010499;US 20100357178P;	F03D001/06;	HANCOCK MARK;HIBBARD PAUL;VESTAS WIND SYS AS;	A WIND TURBINE BLADE DE-ICING SYSTEM BASED ON SHELL DISTORTION
WO2011161692 A2 20111229	IN2010CH01716;	F03D007/04;	RAGHUNATHAN V R;	REACTIVE POWER MANAGEMENT FOR WIND TURBINE APPLICATIONS
WO2011161718 A1 20111229	WO2010JP04134;	F03D003/06;	HANADA MASASHI;	VANES AND IMPELLER USING SAME

Número de Documento	Prioridade (s)	Classificação Internacional	Depositante	Título
WO2011161740 A1 20111229	JP20100143434;	F03D011/00;	SAKURAI YASUHISA;SAKURAIGIKEN CO LTD;	MAINTENANCE METHOD FOR WINDMILL BLADE OF WIND POWER GENERATIONEQUIPMENT
WO2011161821 A1 20111229	WO2010JP60868;	F03D003/04;	ENERGY PRODUCTS CO LTD;MARUYAMA KAZUTAKA;	WIND COLLECTION APPARATUS AND WINDMILL APPARATUS
WO2011162498 A2 20111229	KR20100058408;	F03D003/06; F03D011/00;	WON IN HO;	TWIN-COLUMN, WIND-POWERED ELECTRICITY GENERATING DEVICE FOR TURBULENTAIRFLOW
WO2011162615 A2 20111229	GB20100010631;N O20100000906;NO 20110000487;	F03B013/24;	HAVKRAFT AS;SOLHEIM GEIR ARNE;	OCEAN WAVE ENERGY SYSTEM

## Anexo 1: 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>	Polônia
<b>EG</b>	Egito	<b>PT</b>	Portugal
<b>EP</b>	Organização Europeia 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>ID</b>	Indonésia	<b>US</b>	Estados Unidos
<b>IE</b>	Irlanda	<b>WO</b>	Organização Mundial de Propriedade Intelectual (WIPO) <sup>2</sup>
<b>IL</b>	Israel	<b>ZA</b>	África do Sul

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

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

<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 países receptores destes pedidos.