Alerta Tecnológico nº 43

INPI INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

Pedidos de Patente sobre Energia Eólica – Nº 5

Pedidos publicados no 2º semestre de 2010

Diretoria de Cooperação para o Desenvolvimento – DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
Coordenação de Estudos e Programas – CEPRO
abril de 2011

INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL - INPI

Presidente: Jorge de Paula Costa Ávila

Vice-Presidente: Ademir Tardelli

DIRETORIA DE COOPERAÇÃO PARA O DESENVOLVIMENTO - DICOD

Diretor: Sérgio Medeiros Paulino de Carvalho

CENTRO DE DISSEMINAÇÃO DA INFORMAÇÃO TECNOLÓGICA - CEDIN

Chefe: Raul Suster

COORDENAÇÃO DE ESTUDOS E PROGRAMAS - CEPRO

Chefe: Luci Mary Gonzalez Gullo

Autor:

Sérgio Barcelos Theotonio – Pesquisador em Propriedade Industrial

SUMÁRIO

LISTA DE GRÁFICOS

LISTA DE TABELAS

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 registro 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 fonte formal de informação, por meio da qual pode-se ter acesso a detalhes técnicos de invenções que, em alguns casos, não são descritos em livros nem em artigos técnicos.

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

Mais detalhes sobre cada pedido de patente tais como o resumo da invenção, o(s) nome(s) do(s) inventor(es) e a cópia do documento completo

podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na Internet:

1. Base Brasileira de Pedidos de Patente[1]: http://www.inpi.gov.br
2. Base do Escritório Europeu de Patentes[2]: http://ep.espacenet.com
3. Base do Escritório Americano de Patentes[3]: http://uspto.gov

Caso haja interesse em se conhecer o depósito de patente brasileiro correspondente (família do pedido de patente[1]), para algum(ns) dos pedidos de patente estrangeiros listados na Tabela 2, sugere-se uma busca de família do mesmo. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos, por meio do endereço abaixo.

INPI/DICOD/CEDIN:

Instituto Nacional da Propriedade Industrial – INPI

Diretoria de Cooperação para o Desenvolvimento - DICOD

Centro de Disseminação da Informação Tecnológica – CEDIN

Praça Mauá, 7, sala 714, Centro, Rio de Janeiro, RJ , CEP 20083-900

Tel. (21) 3037 3101 , Fax. (21) 3037 3354

e-mail: 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 ou por correio postal ao endereço anteriormente mencionado.

[1] Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.
[2] Contêm pedidos de patente depositados e publicados em mais de 70 países.
[3] Contêm somente pedidos depositados e publicados nos Estados Unidos.

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 01/07/2010 a 31/12/2010. A metodologia para a coleta dos documentos levou em conta as áreas da Classificação Intrernacional de Patentes, na qual foram selecionados os pedidos de patente nos quais pelo menos uma das classificações internacionais discriminadas[4] seja **F03D – Motores Movidos a Vento**.

[4] Um documento de patente pode conter uma ou mais classificações.

2. RESULTADOS

2.1 - Mundo

A busca realizada no sistema resultou num total de 1908 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

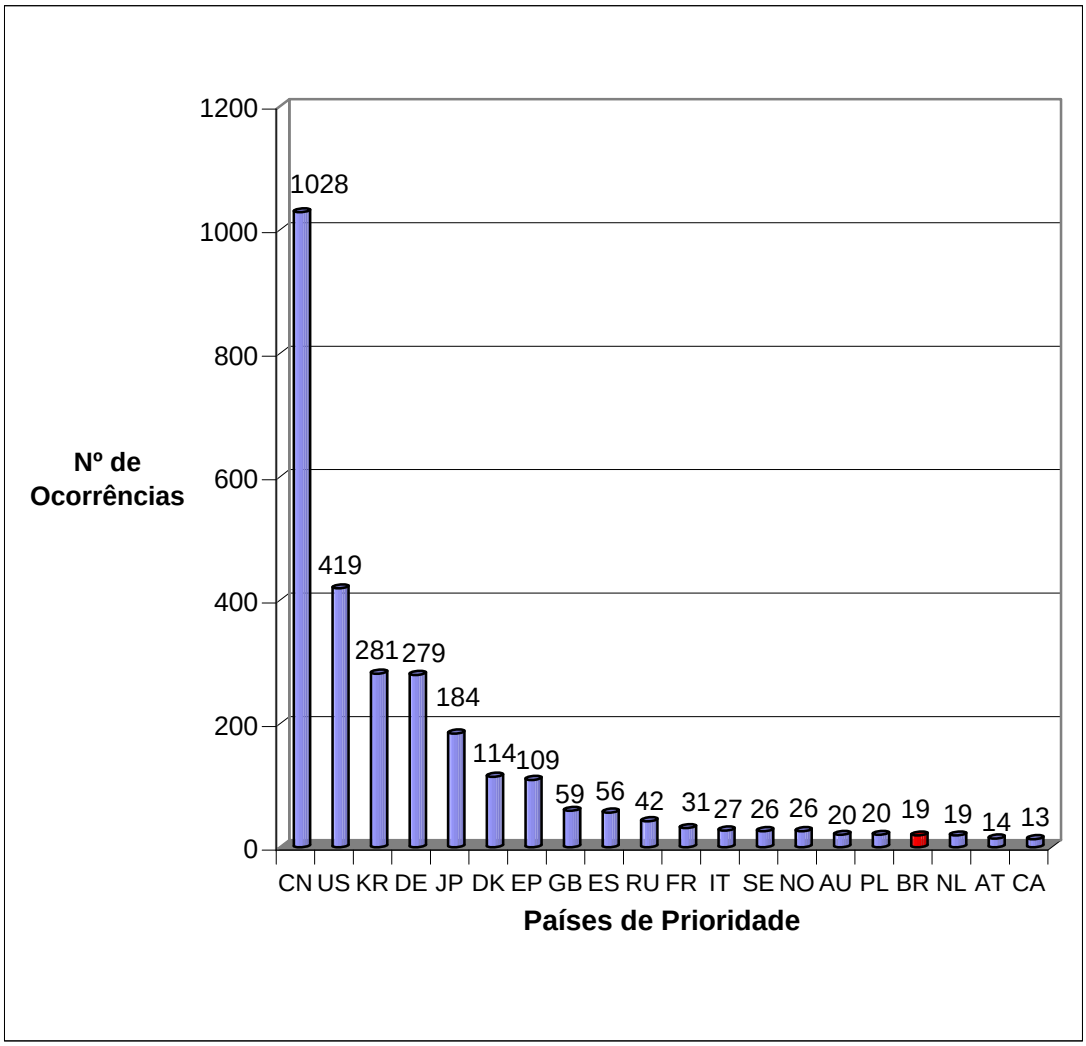
Cabe também esclarecer que um único pedido de patente pode ter mais de uma prioridade, assim os 1908 documentos encontrados no período estão relacionados a 2897 depósitos de prioridades.

Foram encontrados 1028 documentos com prioridade chinesa. Este número representa 35,48% dos pedidos de patente publicados. Tais resultados são compatíveis com os dados do Global Wind Report – 2010, no qual a China ultrapassou os Estados Unidos e atingiu a liderança global quanto a capacidade instalada para produção de energia eólica alcançando 42,3GW no total, o que equivale a 21,75% da produção mundial. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patente, com um total de 419 pedidos, representando 14,46% dos pedidos totais. O terceiro colocado no ranking de prioridades é a Coréia do Sul com 281 pedidos, equivalendo a 9,70% do total.

No Brasil, a capacidade instalada para geração de energia eólica, segundo o Global Wind Report – 2010, era naquele ano de 931MW. Com relação aos pedidos de patente com prioridade brasileira, foram encontrados 19 documentos. O Brasil ocupa a décima sétima posição dentre os países com depósitos prioritários.

O gráfico 1 permite a identificação dos países[5] de prioridade dos documentos recuperados no período e a ocorrência em cada país.

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



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

[5] A lista com os códigos dos países está disponível no Anexo I.

Tendo em vista os dados contidos na Tabela 2 (págs 14 a 248) nota-se que a China figura em primeiro lugar com 1028 depósitos prioritários de patente publicados, sendo em sua maioria efetuados por inventores independentes. Ainda com relação a China foram contabilizados 96 pedidos de patente com prioridade estrangeira no primeiro semestre de 2010, sendo aquele país o principal alvo dos depósitos prioritários efetuados por estrangeiros; seguido pelos Estados Unidos que contabilizaram 65 pedidos publicados com prioridade estrangeira, e em terceiro lugar o Japão que contou com outros 15 pedidos estrangeiros publicados no 2º semestre de 2010.

Ainda de acordo com os dados da Tabela 2 pode-se constatar a intensa concentração tecnológica no setor, refletida no número de pedidos de patente publicados, considerando-se o segundo semestre de 2010, observa-se que dentre os 2897 pedidos de prioridade depositados por 55 países nota-se que os seis primeiros colocados: China, Estados Unidos, Coréia do Sul, Alemanha, Japão e Dinamarca detém 79,56% dos pedidos, enquanto que os outros 49 países que constam do levantamento respondem apenas por 20,43% dos depósitos prioritários.

Na tabela 1, a seguir, são identificados os principais depositantes em energia eólica com maior número de pedidos de patente publicados no período considerado 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 2010

Depositante	Total de Documentos
VESTAS WIND SYS AS [DK]	107
MITSUBISHI HEAVY IND LTD [JP]	58
GEN ELECTRIC [US]	45
SIEMENS AG [DE]	30
WOBBEN ALOYS [DE]	29
REPOWER SYSTEMS AG [DE]	25
FLODESIGN WIND TURBINE CORP [US]	16
NORDEX ENERGY GMBH [DE]	16
GAMESA INNOVATION & TECH SL [ES]	16
LM GLASFIBER AS [DK]	15
SHENGZHEN WU [CN]	13
TOKYO ELECTRIC POWER CO [JP]	12
BOSCH GMBH ROBERT [DE]	10
PRESZ WALTER M [US]	8
NARASIMALU SRIKANTH [SG]	8
WERLE MICHAEL J [US]	8
CLIPPER WINDPOWER INC [US]	8
INNOVATIVE WINDPOWER AG [DE]	8

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

Na tabela acima que lista os depositantes em nível mundial, no segundo semestre de 2010, nota-se predomínio de empresas dos seguintes países: Alemanha, com seis empresas totalizando 118 depósitos, seguida pela Dinamarca com duas empresas que entretanto totalizam 122 depósitos e ainda outras três empresas norte americanas com 85 depósitos de patentes. Além destes países também figuram uma empresa da Espanha com 16 pedidos, uma empresa de origem chinesa com 13 pedidos e ainda uma empresa de Cingapura com 8 pedidos de patente .

Cabe ressaltar que apesar da China figurar em primeiro lugar com 1028 pedidos de prioridade, no período considerado possui apenas uma empresa figurando dentre os 18 principais depositantes de patentes elencados na Tabela 1 acima.

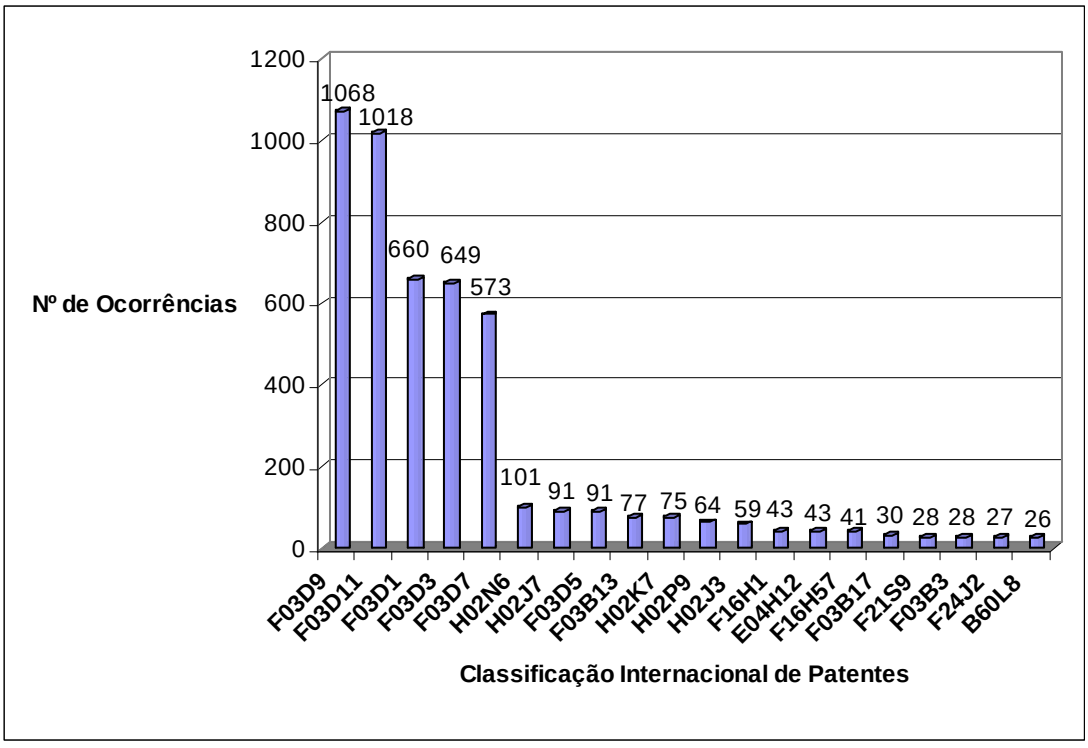
Ainda com relação aos países listados na Tabela 1, cabe ressaltar a alta concentração de depósitos em poucas empresas líderes do setor, notadamente na Dinamarca e no Japão sendo; 122 depósitos nas duas empresas dinamarquesas e 70 depósitos nas duas empresas japonesas que constam dentre as dezoito empresas mais destacadas no período considerado.

A Alemanha, com seis representantes, figura como o país com maior número de empresas na tabela acima citada totaliza 118 pedidos de patente, refletindo desta forma melhor distribuição da tecnologia eólica naquele país.

Outro ponto de análise refere-se as áreas de concentração da tecnologia. Para isto, foi verificado em quais itens da Classificação Internacional de Patentes estavam distribuídos os documentos encontrados.

O gráfico 2, permite o monitoramento das tecnologias relacionadas à energia eólica, descritas nos pedidos de patente publicados no segundo semestre de 2010.

Gráfico 2: Distribuição dos documentos pela Classificação Internacional de Patentes



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

F03D - Motores Movidos a Vento

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

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

F03D1/00 - Motores a vento com o eixo de rotação sensivelmente na direção do vento;

F03D3/00 - Motores a vento com o eixo de rotação sensivelmente em ângulo reto com a direção do vento;

F03D7/00 - Controle dos motores a vento;

No que diz respeito às áreas de concentração tecnológica dos pedidos, segundo a Classificação Internacional de Patentes, não foram observadas alterações significativas, em comparação ao último levantamento que compreendeu todo o segundo semestre de 2010, já que a grande maioria dos pedidos refere-se a aperfeiçoamentos em turbinas eólicas, sua estrutura, controle, adaptações e combinações com outras formas de geração de energia e, ainda, peças e acessórios para as mesmas, sendo integralmente compreendidas na sub- seção F03D.

2.2 - Brasil

Foram publicados no país 20 depósitos, sendo 19 com a primeira prioridade nacional. O perfil dos depositantes brasileiros revela que dois pedidos nacionais foram efetuados por empresas e outros 17 por inventores independentes. Conforme demonstrado no gráfico 1, no período analisado, o Brasil ocupou a décima oitava posição dentre os 55 países identificados. Foi efetuado um único pedido com prioridade brasileira no exterior, sendo a Argentina o país alvo do referido depósito. Constatou-se também considerável aumento (50%) dos depósitos nacionais quando comparado ao primeiro semestre de 2010 quando foram publicados apenas nove pedidos de patente.

Tabela 2: Dados bibliográficos dos pedidos de patente sobre Energia Eólica, publicados no 2º semestre de 2010 (Ordenados segundo o código do país de publicação)

Obs:

1- Os depósitos efetuados pelo sistema PCT – Patent Cooperation Treaty, representados pela sigla WO – Wipo Organization, contam com 165 ocorrências e correspondem a pedidos de prioridade de diversas nacionalidades, já que o sistema PCT atualmente é adotado por 142 países.

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

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AR071985 A2 20100728	DE20031000284 20030102; DE20031003824 20030131	WOBBEN ALOYS [DE]	F03D1/06	PALA DE ROTOR PARA UNA PLANTA DE ENERGIA EOLICA, PUNTA DE PALA DE ROTOR Y PLANTA DE ENERGIA EOLICA
AR072094 A1 20100804	AR2009P102097 20090610	MARTINI LUCAS [AR]; GIRAUDO ADRI N NORBERTO [AR]		MAQUINA DE MOLINO EOLICO PARA LA EXTRACCION DE AGUA
AR072503 A1 20100901	BR2008PI03335 20080716	DULCETTI FILHO FLAVIO FRANCISCO [BR]		TORRE DE CONVERSION EOLICA
AR072837 A1 20100922	DE200810034747 20080724	WOBBEN ALOYS [DE]		GONDOLA DE UNA INSTALACION DE ENERGIA EOLICA CON INSTALACION DE BALIZAMIENTO LUMINOSO INDICADORA DE OBSTACULOS A LA AERONAVEGACION
AR073068 A1 20101013	AR2009P103158 20090818	METTLER ARMANDO NESTOR [AR]		MAQUINA CAPTADORA DE ENERGIA EOLICA CON ALETAS MONTADAS EN UNA CINTA DE MOVIMIENTO GIRATORIO SINFIN.
AR073943 A1 20101215	DE200810050848 20081008	WOBBEN ALOYS [DE]		GENERADOR ANULAR
AR074193 A2 20101229	DE20031036461 20030805	WOBBEN ALOYS [DE]	B29C70/86; B29D99/00; B64C27/473; F03D1/06	SISTEMA GENERADOR DE ENERGIA
AT11326U U1 20100815	AT20090000242U 20090420	MOOVE GMBH E [AT]	F03D9/02; H02J7/32	LADESTATION FÜR ELEKTROFAHRZEUGE
AT11427U U1 20101015	AT20090000311U 20090513	WEISER WALTER ING [AT]	F03D11/04; F03D3/00	GEKAPSELTE WINDTURBINE FÜR SATTELDÄCHER

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT471453T T 20100715	WO2004DK00780 20041110	VESTAS WIND SYS AS [DK]	F03D11/04; E04H12/00; E05D5/02; F03D1/00	TURMTEIL FÜR EINE WINDTURBINE, VERFAHREN ZUR HERSTELLUNG EINES TURMTEILS UND VERWENDUNGEN DAVON
AT471462T T 20100715	WO2002DK00266 20020424	VESTAS WIND SYS AS [DK]	F03D1/06; F15B21/04; F03B1/00; F03D7/02; F03D7/04	WINDTURBINE, HYDRAULIKSYSTEM, ENTLÜFTUNGSSYSTEM UND VERFAHREN ZUR STEUERUNG MINDESTENS ZWEIER WINDTURBINENSCHAUFELN
AT471909T T 20100715	EP20060024336 20061123; EP20060024337 20061123	SIEMENS AG [DE]	B66C1/42; B66C23/36; F03D1/00; F03D11/04	VERFAHREN UND VORRICHTUNG ZUR MONTAGE VON WINDTURBINENSCHAUFELN
AT474137T T 20100715	GB20030006075 20030318; WO2004GB01176 20040318	RENEWABLE DEVICES SWIFT TURBINES LTD [GB]	F03D1/04; F03D9/00; F03D9/02	WINDKRAFTANLAGE
AT474138T T 20100715	EP20060022558 20061028	HOERNIG MARIA [DE]	F03D1/04	WINDKRAFTANLAGE SOWIE VERFAHREN ZUR ERZEUGUNG VON ELEKTRISCHER ENERGIE AUS BEWEGTER UMGEBUNGSLUFT
AT474158T T 20100715	DK20060000700 20060522; WO2007EP54962 20070522	VESTAS WIND SYS AS [DK]	F16H1/36; F03D11/02	GETRIEBESYSTEM FÜR EINE WINDTURBINE
AT474963T T 20100815	GB20020024656 20021023; WO2003GB04529 20031020	IHC ENGINEERING BUSINESS LTD [GB]	E02D27/42; E02B17/00; E02B17/02; E02D27/52; E04H12/22; F03D1/00	EINRICHTUNG VON OFFSHORE-STRUKTUREN

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT476599T T 20100815	US20050662160P 20050315; WO2006IB00605 20060314	CLIPPER WINDPOWER INC [US]	F03D1/06	ZUGRAD IN EINEM ROTORSYSTEM FÜR WIND- UND WASSERTURBINEN
AT476863T T 20100815	WO2007DK00072 20070214	VESTAS WIND SYS AS [DK]	H05K5/02; F03D11/00; H05K7/20	SYSTEM ZUR REZIRKULATION VON LUFT IN EINER KOMPONENTE EINER WINDTURBINE
AT477417T T 20100815	DK20070000106 20070124; WO2008DK00028 20080124	VESTAS WIND SYS AS [DK]	F03D1/00; F03D1/06	VERFAHREN ZUM BEWEGEN EINES WINDTURBINENBAUTEILS, WIE ZUM BEISPIEL EINER WINDTURBINENNABE, AUS EINER TRANSPORTPOSITION IN EINE WINDTURBINENMONTAGEPOSITION IN ODER AN DER GONDEL,HAUPTWELLE ODER NABE, HANDHABUNGSEINHEIT, WINDTURBINENNABE UND VERWENDUNG DAVON
AT478267T T 20100915	DK20060001659 20061218; WO2007DK00545 20071214	VESTAS WIND SYS AS [DK]	F16C19/14; F03D11/00; F16C19/34; F16C19/54; F16C33/38; F16C33/46; F16C33/51	LAGER UND VERFAHREN ZUR ÜBERTRAGUNG VON KRÄFTEN DURCH EIN LAGER EINER WINDTURBINE
AT479223T T 20100915	WO2003EP12134 20031031	VESTAS WIND SYS AS [DK]	H02G13/00; F03D11/00	POTENTIALAUSGLEICHSGLIED
AT480710T T 20100915	US20020092775 20020307; WO2003US06310 20030303	OCEAN WIND ENERGY SYSTEMS INC [US]	F03D1/02; F03D1/06; F03D7/02; F03D7/04; F03D11/00; F03D11/04	METHODE VON ENERGIEGEWINNUNG AUS WINDKRAFTANLAGEN MIT MEHREREN ROTOREN

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT482137T T 20101015	NO20030002285 20030521; WO2004NO00150 20040518	HAUGSOEN PER BULL [NO]; FOSS GUNNAR [NL]	B63B35/00; B63B27/00; B63B35/44; E02B17/00; F03D1/00; F03D11/04	VERFAHREN UND VORRICHTUNG ZUR INSTALLATION EINER WINDMÜHLE AUF SEE
AT483109T T 20101015	DE20011027454 20010607; WO2002EP04484 20020424	WOBBEN ALOYS [DE]	F03D7/02; F03D7/04; F03D11/00; H01H19/62	WINDENERGIEANLAGE MIT EINER EINE BETÄTIGUNGSWELLE AUFWEISENDEN SCHALTVORRICHTUNG
AT483120T T 20101015	GB20030026933 20031119	HANSEN TRANSMISSIONS INT [BE]	F16H1/28; F03D11/02	ZAHNRADGETRIEBEEINHEIT MIT PLANETENRADTRÄGER
AT483628T T 20101015	WO2008IB01041 20080428; GEAP20007010094 20070524	GEORGIAN TECHNICAL UNIVERSITY [GE]	B64C11/00; B64C27/46; F03D7/02	ROTOR MIT VERÄNDERLICHEM DURCHMESSER MIT FLIEHKRAFTAUSGLEICHSMECHANISMUS
AT483904T T 20101015	DE200410024563 20040518; WO2005EP05267 20050513	NORDEX ENERGY GMBH [DE]	F02D7/02; F03D7/02; F03D9/00; F03D9/02	WINDENERGIEANLAGE MIT EINEM HILFSGENERATOR UND VERFAHREN ZU DEREN STEUERUNG
AT483909T T 20101015	DE20021025136 20020605; DE20031007682 20030221; WO2003EP05605 20030528	WOBBEN ALOYS [DE]	F03D1/06; F03D11/00	WINDENERGIEANLAGE
AT483910T T 20101015	DK20070000653 20070430; WO2008DK00169 20080430	VESTAS WIND SYS AS [DK]	F03D7/04; F03D7/02	VERFAHREN ZUM BETRIEB EINER WINDTURBINE MIT ANSTELLWINKELSTEUERUNG

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT484672T T 20101015	EP20080001625 20080129	COLLING CLAUS [DE]	F03D7/02	VERTIKALACHSEN-WINDTURBINE MIT STEUERUNGSVORRICHTUNG SOWIE VERFAHREN ZUM AERODYNAMISCHEN BREMSEN
AT484673T T 20101015	DK20040001968 20041221; WO2005DK00812 20051221	LM GLASFIBER AS [DK]	F03D11/00; F03D1/00; F03D9/00	OFFSHORE-WINDTURBINE MIT VORRICHTUNG ZUR EISVERHINDERUNG
AT485447T T 20101115	DE200410023751 20040511; WO2005DE00882 20050511	IGUS INNOVATIVE TECH SYSTEME G [DE]	F03D7/04; F03D7/02	VERFAHREN ZUR STEUERUNG DER ROTORBLÄTTER EINER WINDENERGIEANLAGE SOWIE WINDENERGIEANLAGE MIT MESSSYSTEMEN ZUR DURCHFÜHRUNG DES VERFAHRENS
AT485616T T 20101115	EP20070380213 20070716	GAMESA INNOVATION & TECH SL [ES]	H02J3/00; F03D9/00	WINDKRAFTSYSTEM UND BETRIEBSVERFAHREN DAFÜR
AT486214T T 20101115	EP20070102020 20070209	STX HEAVY IND CO LTD [KR]	F03D1/06	ROTORBLATT FÜR EINE WINDENERGIEANLAGE
AT486215T T 20101115	DE20031014757 20030331; WO2004EP03143 20040325	VOITH TURBO KG [DE]	F03D7/04; F03D11/02; F16H47/08	ANTRIEBSSTRANG ZUM ÜBERTRAGEN EINER VARIABLEN LEISTUNG
AT486216T T 20101115	DK20070000455 20070323; WO2008DK00114 20080319	VESTAS WIND SYS AS [DK]	F03D9/00; G01R33/12	VERFAHREN ZUR HERSTELLUNG EINES WINDTURBINENGENERATORS MIT EINEM ODER MEHREREN PERMANENTMAGNETROTOREN (PM-ROTOREN), WINDTURBINENGONDEL UND WINDTURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT486253T T 20101115	SG20070016873 20071009	DRAGON ENERGY PTE LTD [SG]	F24J2/04; E04D13/08; F03D3/02; F03D3/04; F03D9/00; H01L31/048; H01L31/058	DACH-ENERGIEUMWANDLUNGSSYSTEM
AT487060T T 20101115	EP20060124664 20061123	STX HEAVY IND CO LTD [KR]	F03D11/00	HAUPTLAGER EINER WINDKRAFTANLAGE
AT487878T T 20101115	DE20011037270 20010731; DE20011045018 20010913	WOBBEN ALOYS [DE]	F03D9/00; F03D11/00; H02K3/00; H02K3/12; H02K3/28; H02K3/46; H02K3/48; H02K15/085; H02K17/16; H02K19/34; H02K57/00	WINDENERGIEANLAGE MIT RINGGENERATOR
AT487879T T 20101115	DE20031044392 20030925; WO2004EP10816 20040927	REPOWER SYSTEMS AG [DE]	F03D9/00; H02J3/18; H02J3/38	WINDENERGIEANLAGE MIT EINEM BLINDLEISTUNGSMODUL ZUR NETZSTÜTZUNG UND VERFAHREN DAZU
AT488693T T 20101215	DE200610002137 20060117; WO2007DE00063 20070117	AQUAPOWER GMBH [DE]	F03B17/06; F03D3/06	ROTATIONSVORRICHTUNG ZUR VERWENDUNG IN EINEM FLUID
AT488694T T 20101215	ES20070002454 20070914	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	WINDTURBINENSCHAUFEL MIT BIEGKLAPPEN, DIE VON OBERFLÄCHENDRUCKÄNDERUNGEN GESTEUERT WERDEN

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT488695T T 20101215	EP20080012250 20080707	SIEMENS AG [DE]	F03D9/00; F03D11/00; H02K1/18	DIREKTANTRIEBSGENERATOR UND WINDTURBINE
AT489759T T 20101215	DK19990000451 19990331; DK19990001655 19991117; WO2000DK00162 20000331	SIEMENS AG [DE]	H02K1/12; F03D9/00; H02K1/18; H02K15/02	GENERATOR FÜR EIN WINDRAD, STATORBAUEINHEIT FÜR DEN GENERATOR UND VERWENDUNG DES GENERATORS
AT490404T T 20101215	DK20070000431 20070320; WO2008DK00103 20080313	VESTAS WIND SYS AS [DK]	F03D1/06	WINDTURBINENSCHAUFEL MIT WIRBELERZEUGERN
AT490405T T 20101215	DK20070000787 20070531; WO2008DK00188 20080521	VESTAS WIND SYS AS [DK]	F03D7/02	VERFAHREN ZUM BETRIEB EINER WINDTURBINE, WINDTURBINE UND VERWENDUNG DES VERFAHRENS
AT490591T T 20101215	WO2002EP10116 20020910	DEWIND CO [US]	F03D7/04; H02P9/00; F03D9/00; H02J3/38	BETRIEBSVERFAHREN FÜR WINDENERGIEANLAGE MIT ÜBERSYNCHRONER KASKADE
AT508051 A1 20101015	AT20090000485 20090326	HEHENBERGER GERALD DIPL ING [AT]	F03D7/04; F03D9/00; F03D11/02; F16H3/72	ENERGIEGEWINNUNGSANLAGE, INSBESONDERE WINDKRAFTANLAGE
AT508105 A1 20101015	AT20090000277 20090219	BEYER CHRISTIAN DIPL ING [AT]	H02J7/35; F03D9/02; H01L31/058; H01M10/48	VORRICHTUNG ZUM AUFLADEN EINES AKKUMULATORS EINES ELEKTROFAHRZEUGES
AT508155 A4 20101115	AT20090000805 20090525	HEHENBERGER GERALD DIPL ING [AT]	F03D9/00; H02K7/18; H02P9/42	ENERGIEGEWINNUNGSANLAGE, INSBESONDERE WINDKRAFTANLAGE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT508184 A1 20101115	AT20090000711 20090511	REZA SADEGHI HAMID [AT]	F03G7/04; F03D1/04	WINDKANALKRAFTANLAGE
AT508204 A1 20101115	AT20070000001 20070102	NOVAK PETER DIPL ING [AT]	F03D3/00; F03D7/06; F03D9/00; H02K17/42; H02P9/42	WINDKRAFTWERK
AT508273 A1 20101215	AT20090000880 20090608	PAVICSITS WILHELM [AT]	F03D5/06	WINDKRAFTANLAGE
AU2008264227 A1 20100715	AU20080264227 20081228	KUAN TAN	F03D5/06; F03D3/00	Wind 'Sails' Turbine
AU2008331350 A1 20100708	AU20080331350 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06	Rotor head of wind power generator and wind power generator
AU2008331351 A1 20100715	AU20080331351 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00	Pitch drive device of wind turbine generator and wind turbine generator
AU2009201038 A1 20100930	AU20090201038 20090313	BRUCE BOATNER	F03D3/06; F03D3/00	Vertical Axis Wind Turbine with Articulating Rotor
AU2009201396 A1 20101028	AU20090201396 20090408	GREGORY STRATFORD	F03D1/00; F03D3/00	Wind NRG
AU2009201681B B1 20100909	AU20090201681 20090428	LO AN-SHUN; HSIEH YING-PO	F04B17/02; F03D1/00; F03D9/00; F04B43/08	Wind-power water supply lamp
AU2009245878 A1 20100708	DE200810063846 20081219; DE200910013186 20090317	REPOWER SYSTEMS AG [DE]	F03D11/04; E04H12/08; E04H12/34; E06C9/00	Tower of a wind power plant
AU2009313670 A1 20101209	AU20090313670 20090520	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	Wind turbine generator and method of controlling the same
AU2009339714 A1 20101223	AU20090339714 20090605	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; H01H35/14	Wind turbine generator, method of controlling the same, and wind turbine generating system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AU2009341223 A1 20100902	WO2009JP53744 20090227	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	Wind driven generator
AU2010100651 A4 20100805	AU20100100651 20100623	DER GEORGE	E04D13/17; E04B7/18; F03D3/02; F03D9/00; F04D25/08; F24F7/02	Roof vent turbine generator
AU2010100734 A4 20100812	AU20100100734 20100709	VESTAS WIND SYS AS [DK]	H02P9/00; F03D9/00	High voltage switchgear power supply arrangement for a wind turbine facility
AU2010203130 A1 20100812	AU20050202963 20050707; AU20100203130 20100722; AU20020338668 20020912; WO2002EP10212 20020912; DE20011045414 20010914	WOBBEN ALOYS [DE]	F03D11/00; F03D11/04; H02P9/00	Wind turbine power module mounted on the tower foundation
AU2010214786 A1 20100923	WO2009US36347 20090306; US20080249086 20081010; US20080034254P 20080306	CAREY SMITH; RICHARD OLESON; RICHARD AYNSLEY; RICHARD FIZER; JOH LANGSTON; MARK TOY; KLEMO ELIOS; FLANARY RON; TROY GANDERSON	F01D15/12; F03D11/02	Ceiling Fan System with Brushless Motor
BE1018235 A5 20100706	BE20080000430 20080731	GILLIS PATRICK GASPARD BARBARA [BE]		EEN TORENKRAAN, EEN MODULE EN WERKWIJZE OM DEZE TORENKRAAN TE BESTUREN.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
BE1018443 A3 20101207	BE20070000301 20070615	TURBOWINDS S A [BE]		SEGMENT VOOR EEN TOREN, UIT SEGMENTEN OPGEBOUWDE TOREN, ELEMENT VOOR EEN SEGMENT VOOR EEN TOREN, WERKWIJZE VOOR HET OPBOUWEN VAN MEERDERE SEGMENTEN VOOR EEN TOREN,WERKWIJZE VOOR HET OPBOUWEN VAN EEN TOREN UIT SEGMENTEN.
BRMU8802690U U2 20100810	BR2008MU8802690U 20081114	TAKAKURA AKIRA [BR]	F03D3/04	disposição introduzida em equipamento intensificador de força do vento
BRMU8802900U U2 20100810	BR2008MU8802900U 20081125	DE LIMA LUIS GOMES [BR]	F03D7/00	disposição construtiva aplicada em geradores de energia por força eólica
BRMU8900536U U2 20101130	BR2009MU8900536U 20090320	GONCALVES ANA FELIZARDA [BR]	F03D9/02	energia auto sustentável
BRMU8900557U U2 20101130	BR2009MU8900557U 20090403	MARTINS WASHINGTON [BR]	H05B43/00; F03D3/00; F03D9/00; F21S9/04; F21V7/09; F21V21/14	iluminação alternativa contìnua
BRMU8900560U U2 20101130	BR2009MU8900560U 20090403	COSTA GILBERTO [BR]	F03D9/00; F03D1/06	gerador eólico aéreo de energia elétrica
BRMU8901840U U2 20101228	BR2009MU8901840U 20090417	DE LIMA LUIZ CARLOS LOUREIRO [BR]	F03D11/00	fator ventoso para a hidrelétrica
BRPI0610702 A2 20100720	ES20050001338 20050603; WO2006ES70058 20060511	ESDRAS AUTOMATICA S L [ES]	F03D1/06	estrutura de sub-láminas para redução do peso das pás em turbinas eólicas

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
BRPI0704318 A2 20100908	BR2007PI04318 20071031	CARDOSO CARLOS AUGUSTO ALVES [BR]	F03D11/04; F03D3/06	conjunto de suportes para pás de turbinas eólicas de eixo vertical
BRPI0804272 A2 20100713	BR2008PI04272 20081006	AULI TECNOLOGIA LTDA [BR]	F03D11/00; F03D1/00	processo de desenvolvimento de pás para geradores eólicos de alto desempenho
BRPI0804813 A2 20100727	BR2008PI04813 20081106	NOGUEIRA CELSO LUIZ [BR]	H02K53/00; B60L11/06; F03D9/00; H02K7/20	processo de geração de energia elétrica eólica pelo sistema de descolamento do gerador de corrente elétrica no espaço
BRPI0805443 A2 20100817	BR2008PI05443 20081205	FRANCO CARLOS AFONSO SILVA [BR]	F03D5/00	monobloco triangular flutuante para energia eólica
BRPI0805788 A2 20100824	BR2008PI05788 20081205	OLIVEIRA COSTA PEDRO [BR]	F03D5/02	catavento comunitÁrio
BRPI0805989 A2 20100831	BR2008PI05989 20081125	DOS SANTOS LUIZ MANOEL [BR]	F03D1/02; F03D9/02	sistema elétrico móvel autoalimentável para veìculos elétricos e correlatos
BRPI0900049 A2 20101019	BR2009PI00049 20090114	FREITAS LUIZ FERNANDO PIMENTEL DO REGO [BR]	F03D11/00	maquina eólica inflável
BRPI0900185 A2 20101026	BR2009PI00185 20090127	DA SILVA JOSE NELSON [BR]	F03B7/00; F03B17/06; F03D3/00	gerador de energia com água
BRPI0900198 A2 20101026	BR2009PI00198 20090119	MANFREDI AMILTO [BR]	H02K7/18; B60L11/00; F03D9/00	sistema elétrico para veìculos com reabastecimento autonomo
BRPI0900497 A2 20101214	BR2009PI00497 20090302	SERIZAWA GUSTAVO HENRIQUE RAMOS [BR]; DONINI DIEGO LUIS [BR]; TEIXEIRA HENTONY CESAR [BR]	F03D9/00	exaustor eólico com gerador de energia elétrica acoplado

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
BRPI0901055 A2 20101228	BR2009PI01055 20090420	2R TECNOLOGIA LTDA [BR]; DA ROSA MAURO RENATO SOUZA [BR]	H02M1/00; F03D9/02; F24H1/22	sistema e processo para aquecimento de lìquidos utilizando energia eólica
BRPI0901158 A2 20101116	BR2009PI01158 20090317	NERI SILVEIRA NOEL [BR]	F03D3/02	propulsor eólico a painel
CA2648988 A1 20100713	CA20092648988 20090113	RIGITANO ANTONIO [CA]	F03D9/00	UNKNOWN
CA2648989 A1 20100713	CA20092648989 20090113	RIGITANO ANTONIO [CA]	F03D9/00	UNKNOWN
CA2648990 A1 20100713	CA20092648990 20090113	RIGITANO ANTONIO [CA]	F03D9/00	UNKNOWN
CA2650060 A1 20100715	CA20092650060 20090115	AROV ANATOLY [CA]	B60K6/22; B60K16/00; B60W20/00; F03D9/00	SUPER HYBRID
CA2650720 A1 20100722	CA20092650720 20090122	VETTESE SHAROLYN [CA]	F16F15/34; F03D1/00; F03D11/00; F16F15/10	ROTATING SYSTEM BALANCING ASSEMBLY
CA2652472 A1 20100823	CA20092652472 20090223	DAVIDSON WAYNE [CA]; DAVIDSON PAUL [CA]	F03D3/00; F03D3/04	THE "W.E.T."TM.: WIND ENERGY TOWER
CA2653704 A1 20100805	CA20092653704 20090205	SZCZUDLO MACIEK [CA]	F03D1/06; F03D11/04; H02K7/18	VERTICAL WIND ELECTRICITY GENERATION SYSTEM
CA2654473 A1 20100817	CA20092654473 20090217	WHITE DEAN [CA]	F03D3/04; F03D11/04	APPARATUS AND METHOD TO INCREASE WIND VELOCITY IN WIND TURBINE ENERGY GENERATION
CA2665413 A1 20101027	CA20092665413 20090427	HUNTER DANIEL J [CA]	F03G3/00; B64B1/50; F03D9/00;	TURBINE ET GENERATRICE POUR CHUTE VERTICALE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			H02K7/18	
CA2666006 A1 20101112	CA20092666006 20090512	MOHAMMAD AMIN ABBAS [CA]	F03D11/00	A ROBATIC WIND TURBINE SYSTEM AND THE METHODS FOR PRODUCING THE SAME
CA2669333 A1 20101126	CA20092669333 20090526	LEE JIA-YUAN [TW]	F03D11/00; F03D1/00; F15D1/10	WIND TURBINE
CA2690669 A1 20100730	US20090362878 20090130	GEN ELECTRIC [US]	G01M13/02; F16H57/00	SYSTEM AND METHOD FOR MONITORING THE CONDITION OF A GEAR ASSEMBLY
CA2691479 A1 20100730	IT2009MI00119 20090130	WILIC S AR L [LU]	B65D88/14; B65B5/04; B65B23/00; B65D81/05; B65D85/30; F03D11/00	WIND POWER TURBINE BLADE PACKING AND PACKING METHOD
CA2692705 A1 20100825	US20090392353 20090225	GEN ELECTRIC [US]	B66F19/00; B66C1/12; B66F11/00; F03D11/00	LOWERING AND RAISING A SINGLE WIND TURBINE ROTOR BLADE FROM SIX-O'CLOCK POSITION
CA2692902 A1 20100817	DE200910009272 20090217	SIEMENS AG [DE]	G01M13/00; B23P15/02; B23P15/04; F03D1/06; F03D11/00	QUALITY ASSURANCE TESTING FOR ROTOR BLADES OF A WIND ENERGY INSTALLATION
CA2696226 A1 20101013	US20090212500P 20090413	CHEN FRANKLIN F K [US]	F03D11/00; F03D1/04; F03D3/04; F15D1/00	GUIDED WIND KITE FOR INCREASED WIND TURBINE POWER OUTPUT
CA2697393 A1 20100925	EP20090004278 20090325	SIEMENS AG [DE]	G01M1/10; F03D11/00	ARRANGEMENT TO DETERMINE A STATIC MOMENT OF A BLADE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2698710 A1 20101105	US20090175662P 20090505	FWS TECHNOLOGIES HOLDINGS LTD [CA]	F03D11/00; B66C23/28; B66C23/32; E04H12/34; F03D11/04	SLIP FORMED CONCRETE WIND TURBINE TOWER
CA2698863 A1 20101017	US20090425649 20090417	GEN ELECTRIC [US]	B29C70/70; E04H12/34; F03D11/04	VERTICAL MANUFACTURING OF COMPOSITE WIND TURBINE TOWER
CA2698878 A1 20101007	EP20090005127 20090407	SIEMENS AG [DE]	G01B21/32; F03D7/00; F03D11/00; G01B11/16; G01B15/06; G01B17/04; G01M13/00; G01S13/88; G01S15/88; G01S17/88	METHOD AND ARRANGEMENT TO MEASURE THE DEFLECTION OF A WIND-TURBINE BLADE
CA2699132 A1 20101009	IT2009MI00572 20090409	WILIC S AR L [LU]	F03D11/00; F03D1/00; F16L3/015	WIND POWER TURBINE
CA2700787 A1 20101020	ES20090001019 20090420	TORRES MARTINEZ MANUEL [ES]	F03B13/10; E02B9/08; F03B13/14; F03B13/22; F03B13/24; F03D9/00	POWER STATION ON A SUBMERGED FLOATING PLATFORM
CA2702146 A1 20100727	US20090178682P 20090515	REDRIVEN POWER INC [CA]	E04H12/00; B66F1/02; B66F3/30; B66F19/00; E04H12/34; F03D11/04	MAST ASSEMBLY FOR WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2702709 A1 20101120	GB20090008778 20090520	HANSEN TRANSMISSIONS INT [BE]	F16H57/08; F03D11/02; F16H1/28; F16H55/17	PLANETARY GEAR TRANSMISSION UNIT
CA2703468 A1 20100804	CA20102703468 20100512	OTTMAN DAWN E [US]	F03D11/00; F03D1/00; F03D11/04; F03G6/00	HYBRID RENEWABLE ENERGY TURBINE USING WIND AND SOLAR POWER
CA2705982 A1 20101216	US20090485492 20090616	GEN ELECTRIC [US]	F03D11/00; B08B3/04; B64D15/10	METHOD AND APPARATUS FOR CLEANING AND DE-ICING WIND TURBINE ROTOR BLADES
CA2706025 A1 20101205	EP20090007483 20090605	SIEMENS AG [DE]	F03D11/00; B66B9/00; B66B11/04; F03D1/00	SERVICE LIFT IN WIND TURBINES
CA2707227 A1 20101215	US20090484645 20090615	GEN ELECTRIC [US]	E04H12/00; F03D11/04	RAIL-TRANSPORTABLE WIND TURBINE TOWER
CA2707231 A1 20101210	IT2009MI01029 20090610	WILIC S AR L [LU]	F03D7/02; G01P3/36	WIND POWER ELECTRICITY GENERATING SYSTEM AND RELATIVE CONTROL METHOD
CA2707407 A1 20101217	US20090486101 20090617	GEN ELECTRIC [US]	F03D7/04; F03D7/00; F03D11/00; F15D1/12	WIND TURBINE AND METHOD FOR OPTIMIZING ENERGY PRODUCTION THEREIN
CA2707797 A1 20101226	DE200910030725 20090626	REPOWER SYSTEMS AG [DE]	F03D7/00; F03D7/04; F03D11/00; H02K7/18; H02P9/00	WIND FARM AND METHOD FOR CONTROLLING A WIND FARM
CA2707921 A1 20101120	WO2009JP59261 20090520	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F03D7/04; F03D11/00; H02K7/18; H02P9/00	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2708002 A1 20101222	EP20090008159 20090622	SIEMENS AG [DE]	F15B20/00; F03D7/00; F03D11/00; F15B1/00; F15B21/00	LEAKAGE DETECTION SYSTEM IN A WIND TURBINE
CA2708003 A1 20101229	EP20090008477 20090629	HANSEN TRANSMISSIONS INT [BE]	F16H57/08; F03D11/02; F16H1/28; F16H1/48; F16H57/02	PLANETARY GEAR TRANSMISSION UNIT WITH PLANET SHAFT LOCKING MECHANISM
CA2708194 A1 20101224	EP20090008270 20090624	SIEMENS AG [DE]	F03D7/02; F03D1/00	ARRANGEMENT AND METHOD TO CONTROL THE YAWING OF A WIND TURBINE
CA2708660 A1 20101230	EP20090008587 20090630	SIEMENS AG [DE]	G01N23/04; F03D11/00	METHOD TO INSPECT A BLADE
CA2709024 A1 20101010	WO2009JP57324 20090410	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F01D7/00; F03D11/00	APPAREIL DE REGLAGE DE PAS DE PALE POUR AEROGENERATEUR ET GENERATRICE EOLIENNE
CA2714855 A1 20101205	WO2009JP60322 20090605	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/00; H02H5/04; H02K7/18; H02P9/00	WIND TURBINE GENERATOR, METHOD OF CONTROLLING THE SAME, AND WIND TURBINE GENERATING SYSTEM
CA2714882 A1 20101002	US20090211833P 20090402; WO2009IB06642 20090826	CLIPPER WINDPOWER INC [US]	F03D11/00; F03D7/00	SERVICEABLE YAW BRAKE DISC SEGMENT WITHOUT NACELLE REMOVAL
CA2714949 A1 20101017	WO2009JP57753 20090417	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/02	PITCH DRIVE APPARATUS OF WIND GENERATOR AND WIND GENERATOR
CA2716497 A1 20101226	WO2009JP61727 20090626	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/00	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CA2728602 A1 20100708	JP20090000398 20090105; WO2009JP69105 20091110	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATOR AND METHOD OF ESTIMATING WIND DIRECTION IN WIND TURBINE GENERATOR
CA2730894 A1 20100715	JP20090000992 20090106; WO2010JP50038 20100105	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATOR AND METHOD FOR CONTROLLING WIND TURBINE GENERATOR
CA2731658 A1 20100826	WO2009JP53079 20090220	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; H02P9/00	WIND POWER GENERATION SYSTEM AND METHOD OF CONTROLLING THE SAME
CA2731845 A1 20100708	JP20090000399 20090105; WO2010JP50004 20100104	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE WIND TURBINE GENERATOR
CA2732985 A1 20100729	JP20090012280 20090122; WO2009JP69127 20091110	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	CYLINDER DRIVE DEVICE
CA2734092 A1 20100715	JP20090001468 20090107; WO2009JP65579 20090907	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND TURBINE GENERATOR
CH700266 A1 20100730	CH20090000079 20090119	PFEIFFER RETO [CH]	F24F7/06; F03D1/04	Wind energy using system for ventilation of buildings, has rotational bearing aligning supply air hood towards wind, and rotor used to produce electrical energy, and motor connected to rotor and used as generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CH700332 B1 20100813	CH20080000008 20080104	RICHTER PATRICK [CH]; BAHNMUELLER KARL [CH]	F03D3/06	Windkraftanlage.
CH700422 B1 20100831	CH20070000726 20070428	REBSAMEN ROLAND [CH]	F03D1/00	Axial-flow wind turbine used for electricity generation, has helical blade with aerodynamic cross section inclined rearwardly toward rotation axis over length of blade
CH700992 A2 20101115	CH20090000696 20090504	ZUBERBUEHLER WERNER [CH]; HORST WALTER GIEBEL [CH]	F03D3/06	Fluid flow power system e.g. wind power system for use in vehicle for generating electricity from water, has generator coupled with rotor for converting rotational movement of rotor into electric current
CH701122 A1 20101130	CH20090000812 20090527	HUBER & SUHNER AG [CH]	H02G7/05; F03D11/00	KABEL MIT EINER AUFÄNGEVORRICHTUNG, VERWENDUNG DIESES KABELS UND DER AUFHÄNGEVORRICHTUNG IN EINEM WINDKRAFTWERK SOWIE WINDKRAFTWERK MIT EINEM SOLCHEN KABEL UND EINER SOLCHEN AUFHÄNGEVORRICHTUNG.
CN101769088 A 20100707	CN20101111722 20100209	JIANGSU FANGSHENG ELECTRIC POW	E04H12/08; F03D1/02; H01Q1/12	Single-tube communication tower with wind driven generating device
CN101769227 A 20100707	US20080323985 20081126	GEN ELECTRIC [US]	F03D1/00; F03D11/00	Wind turbine drive shaft connection arrangement
CN101769228 A 20100707	CN20091095230 20090105	HONGBAO ELECTRIC CO LTD	F03D1/06; F03D1/00	Fan blade designed by plasma technique to reduce blade area
CN101769229 A 20100707	US20080345738 20081230	GEN ELECTRIC [US]	F03D1/06	Flatback insert for turbine blades

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101769230 A 20100707	CN20101106039 20100205	NANJING JIANGBIAO GROUP CO LTD	F03D1/06	Multi-beam structure glass fiber reinforced plastic vierendeel vane of megawatt wind generator and producing method thereof
CN101769231 A 20100707	CN20081249880 20081229	OCEAN UNIV CHINA	F03D3/06	Flexible blade rotor supporting device
CN101769232 A 20100707	CN20101017986 20100119	UNIV NANJING AERONAUTICS	F03D7/04	Full wind speed power control method for fixed propeller pitch variable speed wind power generator set
CN101769233 A 20100707	CN20081154657 20081229	TIANJIN DEV AREA ERJIAYIMILAN	F03D9/00; H02J7/00; H02J15/00	Tunnel wind power generation device
CN101769234 A 20100707	CN20081154658 20081229	TIANJIN DEV AREA ERJIAYIMILAN	F03D9/00; H02J7/00	Highway wind power generation device
CN101769235 A 20100707	US20080265824 20081106	GEN ELECTRIC [US]	F03D9/00; B01D29/66; F03D11/00	Wind turbine fluid filtering system
CN101769236 A 20100707	CN20101111832 20100205	GUODIAN UNITED POWER TECHNOLOGY CO LTD	F03D9/00; F03D11/00	Salt fog resistant system for wind generating set at sea
CN101769237 A 20100707	CN20081242766 20081230	LIN YOU	F03D11/00	Wind generator tower and lifting method thereof
CN101769353 A 20100707	CN20101110264 20100209	HENGSHUI ZHONGCHENG FRICTION M	F16D69/02; F03D11/00	Yaw brake block and preparation method thereof
CN101769362 A 20100707	CN20101121004 20100205	GUANGSHUN WANG	F16H1/28; F03D11/00	Flexible gearbox of wind generator
CN101771288 A 20100707	CN20101101600 20100122	SHENZHEN FENGGUANG NEW ENERGY	H02J7/00; F03D9/00; H02N6/00	Wind-solar hybrid charging equipment for electric vehicle

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101771365 A 20100707	CN20081154653 20081229	TIANJIN DEV AREA ERJIAYIMILAN	H02N6/00; F03D9/00; H02J7/00	Light-wind-electricity complemental power plant of service station
CN101771371 A 20100707	CN20091303777 20090626	JI LIN [CN]	H02N15/00; F03B13/00; F03D9/00	Magnetic suspension zero-friction dual-rotor generator
CN101772453 A 20100707	WO2007RU00121 20070309; RU20060109976 20060328	ZAKRYTOE AKTZIONERNOE OBSHCEST; OBSHCESTVO S OGRANICHENNOI OTV; ZAKRYTOE AKTZIONERNOE OBSHCEST	B64C11/20; B63H1/14; F03D1/00	Shpadi propeller (variants) and the involute of the blades thereof
CN101772638 A 20100707	WO2008RU00439 20080707; RU20070131488 20070820	ARTER TECHNOLOGY LTD	F03D1/04	Wind power plant
CN101772639 A 20100707	WO2008RU00440 20080707; RU20070131486 20070820	ARTER TECHNOLOGY LTD	F03D1/04	Wind power plant
CN101772640 A 20100707	WO2008RU00441 20080707; RU20070131487 20070820	ARTER TECHNOLOGY LTD	F03D1/04	Wind-driven powerplant
CN101772641 A 20100707	WO2008DK00263 20080711; DK20070001048 20070714	VESTAS WIND SYS AS [DK]	F03D7/04	A wind turbine, a method for compensating for disparities in a wind turbine rotor blade pitch system and use of a method
CN101776034 A 20100714	CN20091001485 20090108	LIANGTIAN GUO	F03B13/00; F03D9/00	Damless water-wind roller type power generation device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101776040 A 20100714	CN20091028688 20090109	LIXIANG LI	F03D3/00; F03D3/06; F03D11/00	Wind-driven generator with rotary blades
CN101776041 A 20100714	CN201019026087 20100204	UNIV HEHAI; NANJING HEHAI SCIENCE & TECHNO	F03D3/06	Feather type vertical shaft wind wheel
CN101776042 A 20100714	CN20101017128 20100107	NANJING SCIYON AUTOMATION GROU	F03D7/00	Stand-by safety chain monitoring and protecting device for wind power generation control system
CN101776043 A 20100714	CN20101113867 20100225	UNIV SOUTHEAST	F03D7/00	Error compensation model-based wind turbine generator maximum wind energy capture control method
CN101776044 A 20100714	CN20091049433 20090416	GUANGKUN LI	F03D9/00	Artificial wind energy mutual circulator
CN101776045 A 20100714	CN20101101821 20100126	XIUSHUN WANG	F03D9/00; F03D1/00; F03D1/02; F03D7/04	Matrix wind driven generator
CN101776046 A 20100714	CN20101101851 20100126	XIUSHUN WANG	F03D9/00; F03D1/00; F03D1/02; F03D7/04	Wind power generation module and matrix wind power generation device formed by same
CN101776116 A 20100714	US20080273023 20081118	GEN ELECTRIC [US]	F16B37/00; F03D11/00	Improved barrel nut
CN101777774 A 20100714	CN20101105081 20100119	BAOTOU HUIQUAN RARE EARTH INDU	H02J3/38; F03D9/00; H02N6/00	Solar energy and wind-powered generating field grid-connected generating system
CN101778757 A 20100714	WO2008JP65396 20080828	MITSUBISHI HEAVY IND LTD [JP]	B63B35/00; F03D11/04	Construction method and construction rig of floating wind turbine generator
CN101779036 A 20100714	WO2008JP64582 20080814	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	Wind driven electric power generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101779037 A 20100714	WO2008US66556 20080611; US20070943623P 20070613	SKYRON SYSTEMS INC	F03D11/00; F03D3/06	Wind turbine blade
CN101780837 A 20100721	CN20091005456 20090119	CAIDE TAO	B64C11/00; B63H1/14; B63H1/26; B64C11/16; F03B3/04; F03D1/06	Overturning type rotating-blade propeller
CN101782041 A 20100721	CN20091003960 20090121	WEIXING SU	F03D9/00; F03D1/00	Bidirectional rotating vertical axis wind power generating equipment/device
CN101782042 A 20100721	CN20101106574 20100205	SHANGHAI XISHUNLAI ELECTROMECH	F03D9/00; F03D7/00	Hydraulic control frequency stabilized wind power generation apparatus
CN101782043 A 20100721	CN20101119337 20100121	UNIV ZHEJIANG TECHNOLOGY	F03D9/00; H02K7/18	Wind generator all-in-one machine
CN101782044 A 20100721	CN20101119339 20100121	UNIV ZHEJIANG TECHNOLOGY	F03D9/00; H02K7/18	Permanent-magnet fan blade and wind power generation integrated machine
CN101782045 A 20100721	CN20101127831 20100319	JIANGSU XINGMALI TECHNOLOGIES	F03D9/00; F03D3/00; F03D7/06; H02K7/02; H02K7/112	Self-circulation wind driven generator
CN101782046 A 20100721	CN20091215421 20091226	ZILI DONG	F03D9/02	Air plastic flow engine
CN101782047 A 20100721	CN20101121002 20100205	GUANGSHUN WANG	F03D11/00; F16H1/28	Low-noise planetary gearbox of wind driven generator
CN101782051 A 20100721	CN20101039135 20100108	WANG YIJING	F03G5/00; F03B13/00; F03D9/00; H02K7/18	Adjustable moment energization conversion device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101782212 A 20100721	CN20101112843 20100212	XIDONG CAO	F21S9/03; F03D9/00; F21S9/04; F21V17/00	Street illuminating device
CN101783642 A 20100721	CN20101124869 20100312	UNIV NORTH CHINA ELEC POWER	H02P9/00; F03D9/00	Method for optimally designing parameters of double-fed wind-driven power generation control system
CN101784790 A 20100721	WO2007JP72352 20071119	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	Windmill blade and wind power generator using same
CN101784791 A 20100721	WO2008DK00314 20080901; DK20070001254 20070831	VESTAS WIND SYS AS [DK]	F03D7/04; F03D7/02	Method for controlling at least one adjustment mechanism of a wind turbine, a wind turbine and a wind park
CN101787686 A 20100728	CN20101034068 20100113	SHI YAN	E02B17/00; E02B3/16; E02D5/30; E02D19/04; E02D27/44; E02D29/16; E04G23/04; F03D11/04; H02N6/00	Method for building offshore wind farm
CN101787950 A 20100728	CN20101109959 20100208	INST ELECTRICAL ENG CAS	F03B13/06; F03D9/00	Evaporative cooling wind power water-pumping energy storage co-generation system
CN101787953 A 20100728	CN20091028373 20090122	NANJING YUNENG MEASUREMENT INS	F03D1/06; F03D3/06; F03D11/00	Combined wind-power impeller
CN101787954 A 20100728	US20080091928P 20080826; US20080237699 20080925	GEN ELECTRIC [US]	F03D1/06; G01M10/00; G01M13/00	Resistive contact sensors for large blade and airfoil pressure and flow separation measurements

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101787955 A 20100728	DK20080001615 20081119; US20080199834P 20081119	VESTAS WIND SYS AS [DK]	F03D1/06; F03D11/00; H02G13/00	Improved lightning protection system for wind turbines
CN101787956 A 20100728	CN20091008504 20090123	DONGHUA YE	F03D3/06	Combined type blade of vertical shaft wind power generator
CN101787957 A 20100728	CN20101033702 20100111	BEIJING HOLLYSYS AUTOMATION &	F03D7/00; H04L29/06; H04L29/08	Monitoring device and monitoring method thereof for wind power control system
CN101787958 A 20100728	CN20091001112 20090122	WINDTEK GREEN ENERGY TECHNOLOG [TW]	F03D9/00; F03D1/00	Improved wind power generation device structure
CN101787959 A 20100728	CN20091004011 20090122	DONGBAO LI	F03D9/00; F03D3/00	Controllable wind power generating set
CN101787960 A 20100728	CN20091013680 20090123	YI ZHANG	F03D9/00; F03D3/04	Wind-gathering device
CN101787961 A 20100728	CN20101119563 20100304	UNIV WUHAN TECH	F03D9/00; F03D1/00; F16C35/08	Small magnetic suspension horizontal shaft wind power generator
CN101787962 A 20100728	US20080338251 20081218	GEN ELECTRIC [US]	F03D11/00; F01D25/16	Method and assembly for mounting rotor blade bearings of a wind turbine
CN101787963 A 20100728	CN20101115342 20100227	WENYI HUANG	F03D11/04	Hub/blade wire connecting bracket of aerogenerator
CN101787965 A 20100728	CN20101005334 20100115	BAOTOU AINENG CONTROL ENGINEER	F03G6/04; F03D9/00; F03G6/06	Method for improving generated energy of solar hot-air power generation system
CN101789618 A 20100728	CN20101118870 20100302	EMERSON NETWORK POWER CO LTD	H02J7/00; F03D9/00; H02H7/18; H02N6/00	Wind-solar compensation type solar energy power supply system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101790637 A 20100728	WO2008NL50549 20080815; NL20072000819 20070817	STICHTING EN	F03D1/06	Wind turbine and rotor blade with reduced load fluctuations
CN101790638 A 20100728	WO2008US71941 20080801; US20070963038P 20070802	DOUGLAS JOEL S	F03D3/00	Magnus force fluid flow energy harvester
CN101790639 A 20100728	WO2007ES00264 20070504	INGETEAM S A	F03D7/02; H02P7/28	System and method for control of pitch for wind turbines
CN101790640 A 20100728	WO2008US11149 20080925; US20080214273 20080616	ZEPHYR INTERNAT INC	F03D9/00	Vertical axis dual vortex downwind inward flow impulse wind turbine
CN101792267 A 20100804	CN20101119226 20100308	JIANGSU JIUDING NEW MATERIAL CO LTD	C03C13/02	Special HME fiber glass for wind turbine blades
CN101793106 A 20100804	CN20091248989 20091229	ZHENGSHENG HAO	E04H12/34; B63B35/28; F03D11/04	Installing mechanism of intertidal belt wind generator upright post without crane and operation method thereof
CN101793224 A 20100804	CN20101129560 20100319	UNIV SHANGHAI SCIENCE & TECH	F03D3/00; F03D3/04; F03D3/06	Guide-type vertical-axis wind turbine with multisection combined vanes
CN101793225 A 20100804	CN20091220651 20091211	ZHENHUA SHEN	F03D3/06	Support rod of vertical axis wind turbine
CN101793226 A 20100804	CN20101113173 20100209	YUNZUO CHEN; YUQING DONG	F03D5/00; F03D9/00; F03D11/02	Balloon windmill wind energy transferring and collecting system
CN101793230 A 20100804	CN20101140100 20100407	SOUTHWEAT UNIVERSITY OF SCIENCE AND TECHNOLOGY	F03D7/04; F03D11/04	Wind mill pitch-variable speed regulation device based on wind pressure

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101793231 A 20100804	CN20091231781 20091208	ZHENJUN HE; JIAN ZHANG	F03D9/00; F03D3/06; F03D7/06	Vertical-type self-opening and self-closing adjustable wind generator device
CN101793232 A 20100804	CN20101106583 20100205	SHANGHAI XISHUNLAI ELECTROMECHANICAL EQUIPMENT CO LTD	F03D9/00; F03B13/00; F03B15/00; F03D7/00	Hydraulically controlled frequency stabilization power generating method
CN101793233 A 20100804	CN20101115301 20100301	PENG GUO	F03D9/00; C25B1/04; H02J7/00	Off-grid type wind power energy output technology
CN101793234 A 20100804	CN20101137349 20100401	XIN ZHAO	F03D9/00; F03D3/06	Vertical axis three-vane wind generator
CN101793235 A 20100804	CN20101147166 20100415	HARBIN INST OF TECHNOLOGY	F03D9/00; F03D7/00; H02P9/14	Maximum power tracking type wind power generation device with energy predicting function and method thereof
CN101793236 A 20100804	CN20101147834 20100416	XEMC WINDPOWER CO LTD	F03D9/00; H02K9/04	Wind guide device of direct-drive wind power generator
CN101793237 A 20100804	CN20101005305 20100116	XUEZHANG WANG	F03D9/02; F03B13/00; F03G1/00; F03G5/00	Wind power or water power or human and animal power elastic energy generator
CN101793238 A 20100804	CN20101124360 20100315	YINAN CEN	F03D11/00; F03D7/00; F16H48/00	Differential variable pitch device of wind turbine blades of wind turbine generator
CN101793239 A 20100804	CN20101128770 20100319	KUNSHAN HUAFENG WIND TECHNOLOGY CO LTD	F03D11/00; H02G13/00	Lightning protection device for blades of wind generating set
CN101793240 A 20100804	CN20101145171 20100409	TAIYUAN HEAVY INDUSTRY CO LTD	F03D11/00	Lightning arrester of wind turbine generator
CN101796294 A 20100804	WO2007EP07683 20070903	VESTAS WIND SYS AS [DK]	F03D7/00; F03D11/00	Shadow control of wind turbines

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101796295 A 20100804	WO2007US15854 20070712	MLS ELECTROSYSTEM LLC	F03D9/00; F01D5/00; F03D7/00; H02P9/04	Method and apparatus for grid loss ride-through for wind turbine pitch control system
CN101798879 A 20100811	CN20091010328 20090209	JIANLIANG YANG	E04H1/04; E04B1/00; E04B1/76; E04B2/00; E06B3/00; F03D9/00; F03G7/00; F16K11/00; F24J2/04; G05D23/20	Building with integrated green construction technologies
CN101798953 A 20100811	CN20101124856 20100312	UNIV NORTH CHINA ELEC POWER	F02B63/04; C02F11/04; C12M1/107; F02B43/10; F03D9/00	Medium-low pluripotential complementary methane generating system
CN101798987 A 20100811	CN20101134108 20100326	JIA LI	F03D3/02; F03D3/06; F03D11/00; H02N6/00	Solar energy and wind power combined power generating device
CN101798988 A 20100811	CN20101133140 20100326	ZHENHUA SHEN	F03D3/04; F03D3/06	Method and device for improving performance of resistance-type vertical axis wind turbine
CN101798989 A 20100811	CN20091007345 20090211	YUE YUEWEN	F03D3/06	Design of novel vertical shaft wind energy utilization paddle blade
CN101798991 A 20100811	CN20091003878 20090206	CAIDE TAO	F03D9/00; F03D3/00; F03D3/06	Vertical bucket type propeller wind power station

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101798992 A 20100811	CN20091067822 20090206	GUANGZHOU JUNHE NANO NEW MATERIAL TECHNOLOGY CO LTD	F03D9/00; F03D11/02	Multiple-wind direction constant velocity wind-driven generator
CN101798993 A 20100811	US20080263068 20081031	GEN ELECTRIC [US]	F03D11/00; B66C23/36	Method of removing an internal yaw drive in a wind turbine tower
CN101798994 A 20100811	CN20101111833 20100205	CHINA GUODIAN UNITED POWER TECHNOLOGY CO LTD	F03D11/00; H02G13/00	Tower frame grounding device
CN101802391 A 20100811	WO2008ES00502 20080716; ES20070001994 20070717; ES20070002636 20071008	JAVIER GARCIA CASTRO FRANCISCO; JOSE MANSO GARCIA JUAN	F03D1/06; B29C70/86; B64C11/16	Method for manufacture of wind vanes
CN101802392 A 20100811	WO2008AU00951 20080627; AU20070903448 20070627	ALTAUS PTY LTD	F03D3/00; F03D3/04; F03D11/00	A wind turbine having an airflow deflector
CN101802394 A 20100811	WO2008EP03862 20080514; DE200710022511 20070514	REPOWER SYSTEMS AG [DE]	F03D7/02; H02P3/08; H02P3/14; H02P7/00; H02P7/28	Rotor blade adjustment device for a wind turbine
CN101802395 A 20100811	WO2007JP74110 20071214	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	Wind power generation system and its operation control method

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101802396 A 20100811	WO2007RU00514 20070914	TSAREV VIKTOR V; ALEKSEEVICH ALEXANDER N; GORDIN ALEKSANDR VIKTOROVICH	F03D9/00	Autonomous power supply system
CN101802397 A 20100811	WO2008DK00232 20080620; DK20070000910 20070622	VESTAS WIND SYS AS [DK]	F03D11/00; F16H57/04	Lubrication system for a gearbox and wind turbine
CN101802398 A 20100811	WO2008US76363 20080915; US20070854756 20070913	HUNTER FAN CO	F03D11/04	Fan blade mounting system
CN101803157 A 20100811	WO2008JP66309 20080910; JP20070238978 20070914	SHINETSU CHEMICAL CO	H02K21/24; F03D9/00; H02K1/27; H02K16/00	Permanent magnet rotating machine
CN101806276 A 20100818	CN20091071409 20090217	JIAHAI LI	F03D1/00	Automatic machine
CN101806277 A 20100818	US20080342599 20081223	GEN ELECTRIC [US]	F03D1/06; G01M9/06	Aerodynamic device for detection of wind turbine blade operation
CN101806278 A 20100818	CN20101115800 20100302	UNIV SHANGHAI SCIENCE & TECH	F03D3/06	Vertical shaft wind wheel with multi-section combined vanes
CN101806279 A 20100818	CN20101156629 20100427	RUFAN WANG	F03D3/06; F03D7/06; F03D9/00	Vertical axis wind generator, blower fan and wind-driven part thereof
CN101806280 A 20100818	CN20101124102 20100315	YINAN CEN	F03D7/00; F03D11/00; F16H3/44	Wind power generation device non self-locking speed change and speed-increasing gearbox
CN101806281 A 20100818	CN20101158477 20100428	HARBIN INST OF TECHNOLOGY	F03D7/00; F03D9/00; F15B1/02;	Hydraulic device for spindle brake of wind generating set

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F16D49/00	
CN101806282 A 20100818	CN20101119039 20100308	JIANGSU RES INST OF ELECTRIC POWER TEST CO LTD	F03D7/02	Optimized wind power utilization-based low rated wind speed wind power generation control system
CN101806283 A 20100818	CN20091004219 20090212	HAIHUI ZHENG; HAIPING ZHENG	F03D9/00; F03D3/00; F03D3/06	Rotary wing type vertical shaft wind generator
CN101806284 A 20100818	CN20091006970 20090218	JINFENG ZHANG	F03D9/00; F03D3/06; F03D7/06	Wind driven generator
CN101806285 A 20100818	CN20091014419 20090217	JINAN DEEN TECHNOLOGIES DEVELOP CO LTD	F03D9/00; F03D3/00; F03D3/02	Wind driven generator with three groups of cascade eddy-current wind wheels
CN101806286 A 20100818	CN20091024796 20090216	XIANGDONG ZHUO	F03D9/00; F03D3/00; F16C32/04	Full suspension type permanent magnetic suspension wind driven generator
CN101806287 A 20100818	CN20091037191 20090216	GUIXIANG LI	F03D9/00	Wind power generating technology using space distance to obtain kinetic energy
CN101806288 A 20100818	CN20091078109 20090217	XIAOHU XUE	F03D9/00; F03D9/02	Wind generator system
CN101806289 A 20100818	CN20101123291 20100315	HA ERBIN KAI EN TECHNOLOGY CO LTD	F03D9/00; F03D1/00	Roof wind-driven generator
CN101806290 A 20100818	CN20101158527 20100428	TAO PANG	F03D9/00; F03D1/02; F03D1/06; F03D7/02	Megawatt double-wind-wheel wind power generation machine
CN101806291 A 20100818	CN20091085944 20090605	YANYAN CHEN; JINTAO HAI; YANZHONG WANG	F03D11/02; F03D9/00	Wind power generation actuating device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101806292 A 20100818	CN20101152589 20100422	KAI SHAO	F03D11/04; F03D1/00	Improved small and medium-size wind generating set structure
CN101806336 A 20100818	CN20101174499 20100501	SHENGZHEN WU	F16H1/28; F03D11/00	Wind power generation three-piece cycloidal variable propeller reducer
CN101806481 A 20100818	CN20101145929 20100312	ZHONGSHAN HUANG	F24F7/007; F03D9/00	Cooling device of vertical shaft wind driven generator machine room
CN101809242 A 20100818	WO2008GB50597 20080718; GB20070014120 20070720	OZ10 LTD	E04H15/16; F03D1/04; F03G6/04	Ventilable portable structure assembly
CN101809281 A 20100818	WO2008US61894 20080429; US20070742220 20070430	SAINT GOBAIN PERFORMANCE PLAST	F03D1/06	Turbine blade protective barrier
CN101809283 A 20100818	WO2008DK50212 20080827; DK20070001235 20070829; US20070966863P 20070830	VESTAS WIND SYS AS [DK]	F03D11/04	Monopile foundation for offshore wind turbine
CN101809837 A 20100818	WO2007JP74120 20071214	MITSUBISHI HEAVY IND LTD [JP]	H02H3/08; F03D9/00; H02J3/38; H02P9/00	Aerogenerator system
CN101813006 A 20100825	CN20091037385 20090225	GUIXIANG LI	F01D15/10; F01D1/32; F03B3/08; F03B13/00; F03D5/00; F03D9/00	Multi-stage jet-type reaction force disc generating system
CN101813054 A 20100825	US20080342126 20081223	GEN ELECTRIC [US]	F03D1/00; F03D7/02;	Wind turbine with GPS load control

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F03D11/00	
CN101813055 A 20100825	CN20101175179 20100511	WUXI RES INST OF WIND POWER DESIGN CO LTD	F03D1/00; F03D1/06; F03D7/02; F03D11/00; G01B11/16; G01B17/04	Wind driven generator with blade-tip deflection detection
CN101813056 A 20100825	CN20101163091 20100401	ZHENYI DU	F03D1/02; F03D9/00; F03D11/00	Multi-propeller wind driven generator
CN101813057 A 20100825	CN20101148365 20100416	UNIV NANJING	F03D1/06; F03D1/00	Megawatt wind turbine blade with rib
CN101813058 A 20100825	CN20091009347 20090219	QIAN CHEN	F03D3/06	Sail type wind wheel
CN101813059 A 20100825	CN20101119053 20100308	JIANGSU ELECTRIC POWER TEST & RES INST	F03D7/00	Power control method of low-rated wind speed wind driven generating system
CN101813060 A 20100825	CN20091073818 20090225	CHUAN WANG	F03D7/06; F03D3/04; F03D9/00	Elastic speed control wind power generator
CN101813061 A 20100825	CN20091073819 20090225	CHUAN WANG	F03D9/00; F03D3/00; F03D3/04; F03D3/06; F03D7/06	Pendulum speed control wind driven generator
CN101813062 A 20100825	CN20091111136 20090225	JING WU; MINGMAO WU	F03D9/00; F03B13/14; F03D3/06	Power generating platform unit plant for coaxially collecting sea wind, sea wave and sea current energy
CN101813063 A 20100825	CN20091118015 20090221	CAIDE TAO	F03D9/00; F03D3/00; F03D3/06	Horizontal barrel propeller wind power plant

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101813064 A 20100825	CN20091179251 20090928	RONG WEN	F03D9/00; F03D3/00; F03D7/06	3/10 gear type vertical axis fan blade generator
CN101813065 A 20100825	CN20101002573 20100110	LIYONG WANG; ZIHENG WANG	F03D9/00; F03D1/04	Method for generating power by mine exhaust cyclic utilization
CN101813066 A 20100825	CN20101122040 20100311	SHANGHAI HUIYI CONTROL SYSTEMS CO LTD	F03D9/00; F03D7/00	Direct drive type volume control variable-pitch system of wind-driven generator
CN101813067 A 20100825	CN20101187405 20100601	HANQI SHAO	F03D9/00; F03D11/00	Tunable wind driven generator upright tube
CN101813068 A 20100825	CN20101141148 20100408	JINDE HUANG	F03D9/02; F03D7/00	Wind-energy air compression generating quintuplet set
CN101813069 A 20100825	DK20080001792 20081216; US20080122782P 20081216	VESTAS WIND SYS AS [DK]	F03D11/00; F03D3/00	Foundation for enabling anchoring of a wind turbine tower thereto by means of replaceable through-bolts
CN101813070 A 20100825	CN20101146469 20100413	UNIV NANJING AERONAUTICS	F03D11/00	Vane airfoil profile of low power wind driven generator
CN101813071 A 20100825	CN20101174496 20100501	SHENGZHEN WU	F03D11/00; F03D7/00; F16H1/28; F16J15/16	Wind power generation three-piece double-cycloid variable-pitch speed reducer
CN101813072 A 20100825	CN20101174550 20100501	SHENGZHEN WU	F03D11/00; F16H1/28	Wind power generation yawing cycloid speed reducer
CN101813163 A 20100825	CN20101174446 20100501	SHENGZHEN WU	F16H1/28; F03D11/02; F16H57/04	Wind power generation double-cycloid yawing speed reducer
CN101813164 A 20100825	CN20101174474 20100501	SHENGZHEN WU	F16H1/28; F03D11/00; F16H57/04	Wind power generation single-stage pitch control double-cycloid speed reducer
CN101813165 A 20100825	CN20101174525 20100501	SHENGZHEN WU	F16H1/28; F03D11/02;	Wind power generation three-piece double-cycloid yawing speed reducer

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F16H57/04	
CN101814769 A 20100825	CN20101119366 20100308	BEIJING KAIHUA WANGLIAN NEW ENERGY TECHNOLOGY CO LTD; LEI DONG	H02J9/06; F03D9/00; H02J7/00; H02N6/00	Electricity supply system of wind and light commercial power complementary communication base station
CN101818721 A 20100901	CN20091046670 20090226	LIZHONG CAO	F03D3/00; F03D3/06	Taiji wind wheel
CN101818723 A 20100901	CN20101142218 20100408	UNIV NORTHWESTERN POLYTECHNIC	F03D9/00; F03D1/06; H02K7/18; H02K13/00	Direct-driven front and back wind wheel contra-rotating wind driven generator
CN101818724 A 20100901	CN20101175128 20100511	WUXI WIND POWER INST CO LTD	F03D9/00; F03D1/06; F03D7/04	Intelligent blade of wind driven generator
CN101818762 A 20100901	CN20101175133 20100511	WUXI WIND POWER INST CO LTD	F16C33/58; F03D11/00	Coaxially connecting small-angle rolling bearing
CN101818881 A 20100901	CN20101118901 20100308	SHENZHEN HONGMEN TECHNOLOGIES CO LTD	F21S9/04; F03D9/00; F03G3/00; F21S9/03; F21V21/108; F21V23/00; H05B37/02	Self-power generation type street lamp utilizing potential energy for power generation
CN101820178 A 20100901	CN20101033941 20100107	SU WU	H02J7/00; F03D9/00; H02H3/38; H02N6/00	System for compatibly supplying energy to new energy automobiles and traditional automobiles
CN101821496 A 20100901	WO2007US82186 20071023; US20060604112 20061127	NING LIAO	F03D1/06	Turbine blade assembly

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101821499 A 20100901	WO2008JP73233 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D1/06	Rotor head for wind power generator, and wind power generator
CN101823441 A 20100908	CN20101162009 20100504	ZHANJUN WANG	B60L8/00; B60K16/00; F03D9/00	Wind power generation windmill device for large-sized, medium-sized and small-sized passenger-transport electric vehicles
CN101825046 A 20100908	CN20101177001 20100518	CHENGXI GENG	F03B3/04; F03B3/00; F03D1/00; H02K7/18	Wind and water power generator
CN101825056 A 20100908	US20080342120 20081223	GEN ELECTRIC [US]	F03D1/00; F03D7/02	Wind turbine yaw bearing determination
CN101825058 A 20100908	CN20091096463 20090304	JINRU XU	F03D3/06	Hinge wind wheel
CN101825059 A 20100908	CN20101174471 20100501	SHENGZHEN WU	F03D7/00; F03D11/00; F16H1/28; F16J15/32	Three-disk cycloid single pitch-controlled speed reducer of wind turbine
CN101825060 A 20100908	CN20101172040 20100514	YONGSHENG ZHAO	F03D7/06; F03D3/06; F16H37/02	Angle-variable blade control device
CN101825061 A 20100908	CN20091008746 20090306	SHOUYI QUAN	F03D9/00; F03D3/00; F03D3/04	Induced air type wind turbine
CN101825062 A 20100908	CN20091037661 20090306	DONG GUAN JINXIN INTELLIGENT MECHANICAL EQUIPMENT CO LTD [CN]	F03D9/00; F03D1/04; F03D11/00	Renewable wind energy or wind power generator with supercharging device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101825063 A 20100908	CN20101152105 20100421	GUANGXI YINHE AVANTIS WIND POWER GENERATION CO LTD; JIANGSU CHANGZHENG WIND POWER GENERATING EQUIPMENT CO LTD	F03D9/00; F03D11/00	Fast application system for temporary electricity utilization in wind driven generation field
CN101825064 A 20100908	CN20101175143 20100511	WUXI WIND POWER INST CO LTD	F03D9/00; F03D1/06; F03D7/04	Wind generating set capable of fine adjusting attack angle of blade
CN101825065 A 20100908	CN20101177849 20100520	FUZHANG LIAO	F03D9/00; F03D1/04; F03D1/06; F03D11/04	Wind generator set
CN101825066 A 20100908	CN20101161265 20100428	GUODIAN UNITED POWER TECHNOLOGY CO LTD	F03D11/00; G06F17/50	Designing method for serialized structures of tower platform of wind power generator
CN101825067 A 20100908	CN20101174522 20100501	SHENGZHEN WU	F03D11/00; F16H1/32	Wind generating cycloidal pitch-controlled speed reducer
CN101825068 A 20100908	CN20101192072 20100604	UNIV XI AN JIAOTONG	F03D11/00; F03D7/00	Blade stretching structure for wind driven generator
CN101825069 A 20100908	CN20101192074 20100604	UNIV XI AN JIAOTONG	F03D11/00; F03D7/00	Blade folding structure for wind driven generator
CN101825070 A 20100908	CN20101192095 20100604	UNIV XI AN JIAOTONG	F03D11/00; F03D7/00	Blade structure for wind driven generator
CN101825119 A 20100908	CN20101145924 20100414	XIUAN DONG	F15B1/027; F03D9/00; F17C5/06	Wind energy converting and accumulating mechanism

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101825154 A 20100908	CN20101174514 20100501	SHENGZHEN WU	F16H1/28; F03D11/02; F16H57/04	Wind generating dual-cycloid variable-blade reducer
CN101825155 A 20100908	CN20101174547 20100501	SHENGZHEN WU	F16H1/28; F03D11/02; F16H57/04	Wind power three-cycloid yawing reducer
CN101828031 A 20100908	WO2008GB02571 20080728; GB20070017690 20070911	BLADE DYNAMICS LTD	F03D1/06	A root end joint for a wind turbine blade
CN101828032 A 20100908	WO2008JP64583 20080814	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D9/00	Wind turbine generator
CN101830074 A 20100915	CN20091025771 20090309	HANDE WIND & ELECTRIC EQUIPMENT FUNING CO LTD	F03D1/06; F03D3/06	Manufacturing process of wind power vanes
CN101830178 A 20100915	CN20101155797 20100426	XIAOYOU ZHANG	B60L8/00; F03D9/00; H02J9/04	Wind energy electricity generating and supplying system of electromobile
CN101830566 A 20100915	CN20101147820 20100315	JUNCHUAN WANG	C02F3/34; C02F3/32; C02F7/00; F03D9/00; H02N6/00	Method and device for restoring ecology
CN101832222 A 20100915	CN20091105718 20090310	JIANYONG SHI	F03D1/04	Airflow guiding device of wind tunnel type supercharged wind energy generating system
CN101832223 A 20100915	CN20091105716 20090310	JIANYONG SHI	F03D1/06	High energy collecting vane in wind tunnel type supercharged generating system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101832224 A 20100915	CN20091037880 20090313	DONG GUAN JINXIN INTELLIGENT MECHANICAL EQUIPMENT CO LTD [CN]	F03D3/06; F03D9/00	Vortex wind wheel for wind driven generator
CN101832225 A 20100915	CN20091128001 20090312	QIANG YAN	F03D3/06; F03D11/00	Wind wheel structure of lift vertical shaft wind generator
CN101832226 A 20100915	CN20101194900 20100608	UNIV HENAN SCIENCE & TECH	F03D3/06; F03D3/00	Lift and resistance composite wind-driven vertical shaft wind generator and wind wheel thereof
CN101832227 A 20100915	CN20091025948 20090312	REENERGY ELECTRIC SUZHOU CO LTD	F03D7/00; H02M7/02	Variable-pitch system with rectifier device
CN101832228 A 20100915	CN20091025949 20090312	REENERGY ELECTRIC SUZHOU CO LTD	F03D7/00; H02H9/08	Pitch-variable system with arc-extinguishing device
CN101832229 A 20100915	CN20101170228 20100512	SHANXI UNIVERSITY OF SCIENCE & TECHNOLOGY	F03D7/00	Motion controller-based wind-power generation variable propeller servo control system
CN101832230 A 20100915	CN20101171988 20100514	GUANGXI YINHE AVANTIS WIND POWER CO LTD; JIANGSU CHANGZHENG WIND POWER GENERATION EQUIPMENT CO LTD	F03D7/00	Method for controlling wind generating set under strong wind
CN101832231 A 20100915	CN20091105717 20090310	JIANYONG SHI	F03D7/02; F03D1/04	Wind pressure adjusting device of wind tunnel type supercharged wind energy generating system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101832232 A 20100915	CN20091105715 20090310	JIANYONG SHI	F03D9/00; F03D1/00; F03D1/04; F03D1/06; F03D7/02	Wind tunnel type supercharged wind energy generating system
CN101832233 A 20100915	CN20101146806 20100415	JIANGSU CHANGZHENG WIND POWER GENERATION EQUIPMENT CO LTD	F03D9/00; F03D7/00	Method for regulating power of direct-drive permanent-magnet synchronous wind generator set
CN101832234 A 20100915	CN20101136084 20100326	YANTAI MASTER LIGHTNING PROT EQUIPMENT CO LTD	F03D11/00; H02G13/00	Direct lightning strike protecting device of wind power generator set blade
CN101832235 A 20100915	CN20101161244 20100426	JIANGYIN GIANSUN MOULD CO LTD	F03D11/00; F16D59/00	Intelligent speed reducing device for small and medium size vertical axis and horizontal axis wind turbine eccentric wheel
CN101832236 A 20100915	CN20101174877 20100518	JINAN RAILWAY VEHICLES EQUIPMENT CO LTD	F03D11/00	Process blade
CN101832237 A 20100915	CN20101192073 20100604	UNIV XI AN JIAOTONG	F03D11/00	Pylon structure of wind power generator
CN101832238 A 20100915	CN20101174449 20100501	SHENGZHEN WU	F03D11/02; F03D7/00; F16H1/28	Wind power generating three-sheet double cycloid single-stage pitch reducer
CN101832239 A 20100915	CN20101174487 20100501	SHENGZHEN WU	F03D11/02; F03D7/00; F16H1/28	Wind power generating single-stage pitch cycloid reducer
CN101832240 A 20100915	CN20101145669 20100409	ZHONGJIN FUHUA ENERGY TECHNOLOGY CO LTD	F03D11/04	Multilayer multicolumn derrick tower type supporting system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101832299 A 20100915	CN20091119225 20090310	LINXUE LUO	F04D29/44; F03D11/00; F04D17/08	Guide vane and blower device using same
CN101832338 A 20100915	CN20101175135 20100511	WUXI WIND POWER INST CO LTD	F16C33/58; F03D11/00; F16C33/30	Coaxially connecting bearing assembly
CN101839211 A 20100922	US20090407586 20090319	GEN ELECTRIC [US]	F03D1/06; F03D1/00; F03D11/00	Method and apparatus for use in protecting wind turbine blades from lightning damage
CN101839212 A 20100922	CN20091014593 20090317	ZHENYU OU	F03D3/06; F03D9/00; F03D11/00	Vertical axis wind power generating device
CN101839213 A 20100922	JP20090063489 20090316	SUMITOMO HEAVY INDUSTRIES	F03D7/00	Speed reducer for deviation drive device of wind generator
CN101839214 A 20100922	CN20101170227 20100512	UNIV SHAANXI SCIENCE & TECH	F03D7/00	Wind power generation yaw servo control system based on motion controller
CN101839215 A 20100922	US20090407366 20090319	GEN ELECTRIC [US]	F03D7/04; F03D1/00	Yaw assembly for a rotatable system and method of assembling the same
CN101839216 A 20100922	CN20101175171 20100511	WUXI WIND POWER INST CO LTD	F03D7/04; F03D1/06; F03D9/00; G01B21/32	Intelligent blade of wind power generator with strain sensors
CN101839217 A 20100922	CN20081220322 20081224	ZHENG YAN	F03D9/00	Artificial typhoon high-current large generating system
CN101839218 A 20100922	CN20091187726 20090929	SHENYANG CHINA CREATIVE WIND ENERGY CO LTD	F03D9/00; F03D1/00; F03D1/06; F03D7/04; H02J3/00	Direct-drive wind generating set
CN101839219 A 20100922	CN20101140959 20100408	NANJING YONGLE OPTO ELECTRONICS CO LTD	F03D9/00; F03D3/06	Wing-shaped blade of vertical axis wind power generator and wing-shaped vertical axis wind power generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101839220 A 20100922	CN20101145068 20100408	JIN GANG	F03D9/00; F03D7/04	Wind direction tracking wind power generation simulating device
CN101839221 A 20100922	CN20101167846 20100511	MINGCHUN FU	F03D9/00; F03D3/00; F03D7/06; F03D11/00; F16H1/32	Novel vertical-axis megawatt wind power generation driving system
CN101839222 A 20100922	CN20101181383 20100511	ZHEGEN JIN	F03D9/00; F03D3/00; F03D3/06	Rotating air foil wind turbine
CN101839223 A 20100922	CN20101187687 20100601	BEIJING DAHANG JINGYAO TECHNOLOGY DEV CO LTD; UNIV BEIHANG	F03D11/00; B32B5/28	Wind collection barrel for resin/three-dimensional sandwich fabric composite material
CN101839278 A 20100922	JP20060066175 20060310; JP20060066176 20060310; JP20060068294 20060313	NTN TOYO BEARING CO LTD	F16C19/00; F03D11/00; F16C33/30; F16C33/38	Roller bearing, cage segment, spacer, and main-shaft support structure for wind-driven generator
CN101839308 A 20100922	JP20090063621 20090316	SUMITOMO HEAVY INDUSTRIES	F16H1/20; F03D7/04	Reduction gear for natural energy recovery system
CN101839806 A 20100922	CN20101134383 20100325	SANY ELECTRIC CO LTD	G01M15/00; F03D7/00	Wind generator set and fatigue load monitoring system thereof
CN101841208 A 20100922	CN20091080215 20090316	QISHAN LI; RONGYI LI	H02K7/18; F03D9/00; H02P9/48	Fabrication scheme for voltage-stabilized current-regulated wind turbine generator system
CN101841209 A 20100922	CN20091187727 20090929	SHENYANG CHINA CREATIVE WIND ENERGY CO LTD	H02K7/18; F03D7/00; F03D9/00; H02K1/27;	Direct-drive wind driven generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			H02K5/16; H02K9/04; H02K11/00	
CN101841259 A 20100922	CN20091127679 20090319	WEIHAI FANGLIN AIR CONDITIONING EQUIPMENT CO LTD	H02N6/00; F03D9/00; F24J2/00	Solar energy-wind energy-building integration system
CN101841260 A 20100922	CN20091128592 20090317	XUANHU WU	H02N6/00; F03D9/00; F03G6/00; H02K7/18	Scene separating pincers-pressed type driving scene complementation solar photovoltaic generator
CN101841277 A 20100922	CN20091026009 20090317	WUXI SHANGFU ENERGY TECHNOLOGY CO LTD	H02N11/00; F03B13/00; F03B13/26; F03D9/00; F03G4/00; H02N6/00	Renewable energy source energy storage hydrogen storage comprehensive generating system
CN101842584 A 20100922	WO2008DK00313 20080829; EP20070388061 20070829	LM GLASFIBER AS [DK]	F03D1/06	A wind turbine blade and blade element combination and a method of changing the aerodynamic profile of a wind turbine blade
CN101842585 A 20100922	WO2008CA01446 20080808; US20070954747P 20070808	ART TURBINE INC	F03D3/00; F03B3/12; F03D3/06	Transverse-axis turbine with twisted foils
CN101842587 A 20100922	WO2008US73677 20080820; US20070860888 20070925	DELTA T CORP [US]	F03D11/02	Cuffed fan blade modifications

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101842588 A 20100922	WO2008GB02888 20080827; GB20070016733 20070830	REACTEC LTD	F03D11/04	Windturbine support tower with pendulum-damping means
CN101844387 A 20100929	CN20101186698 20100528	WIPO WIND POWER WUXI CO LTD	B29C44/12; F03D11/00	Foam sandwich composite material blade and manufacturing process thereof
CN101844836 A 20100929	CN20101157170 20100427	GUO DEJIAN; SHIZHAN LI	C02F7/00; F03D3/06; F03D9/00	Water-floating rotary wind power water-ploughing machine
CN101846033 A 20100929	CN20101120439 20100309	XIAOPING GONG	F03D1/06; F03B1/00; F03B3/12; F03D3/06	Energy-saving blade
CN101846034 A 20100929	US20090411481 20090326	GEN ELECTRIC [US]	F03D1/06; F03D11/02	Inflatable wind turbine blade and method for forming said rotor blade
CN101846035 A 20100929	CN20091061382 20090328	HE ZHANG	F03D3/00; F03D3/04; F03D3/06	Universal wind energy converter
CN101846036 A 20100929	CN20101165612 20100430	BEIJING TECROAD ENERGY CO LTD	F03D3/06; F03D3/04; F03D9/00	Novel windmill and wind-driven generator employing same
CN101846037 A 20100929	US20090406136 20090318	GEN ELECTRIC [US]	F03D7/04	Wind turbine operation system and method
CN101846038 A 20100929	CN20091119078 20090323	SHUIZE YANG	F03D9/00; F03D1/04	Multifunctional wind power generator
CN101846039 A 20100929	CN20091129100 20090328	RENLI ZHANG	F03D9/00; F03D11/00	Wind generating set for downwind windmill
CN101846040 A 20100929	CN20091132493 20090327	ZESI WANG	F03D9/00; B60K16/00; B63B21/12; F03D3/06	Vertical-axis wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101846041 A 20100929	CN20091215591 20091230	GUODIAN UNITED POWER TECHNOLOGY CO LTD	F03D9/00; F03D7/00; H02J3/01; H02J3/38; H02K7/18	Direct-current excitation synchronous wind generating set
CN101846042 A 20100929	CN20101161689 20100402	ZHONGSHENG ZHENG	F03D9/00; F03D1/06	High-efficiency postpositional blade type wind power generating device
CN101846043 A 20100929	CN20101176426 20100519	UNIV HUAZHONG SCIENCE TECH	F03D9/00; F03D7/06	Mixed type vertical axis wind driven generator
CN101846129 A 20100929	DE200910014922 20090325	SKF AB [SE]	F16C19/00; F03D11/00; F16C33/66	Two-row roller bearing and bearing system with such a roller bearing and a lubricating device
CN101846155 A 20100929	CN20101135394 20100301	SHENGZHEN WU	F16H1/32; F03D11/00	Megawatt-stage dwarf planet semi-direct driving wind-power speed-increasing box
CN101846396 A 20100929	CN20101161657 20100504	UNIV KUNMING SCIENCE & TECH	F24J2/00; F03D9/00	Solar energy and wind energy heat replenishing device for high-rise buildings
CN101849103 A 20100929	WO2008CN01578 20080905; US20070899531 20070907	YINGLANG LIN	F03D3/00	A wind motor system
CN101849104 A 20100929	WO2008EP62766 20080924; DK20070001456 20071009	SIEMENS AG [DE]	F03D11/00	Monitoring of blade frequencies of a wind turbine
CN101849350 A 20100929	WO2008EP60495 20080809; DE200710039697 20070822	WOODWARD SEG GMBH & CO KG	H02P9/00; F03D7/04; H02P21/00	Method and apparatus for compensation of vibration effects of network asymmetry in a double-powered asynchronous machine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101850725 A 20101006	CN20101179802 20100514	DONGGUAN KESHENG ELECTRONICS SCIENCE & TECHNOLOGY CO LTD; RUIMIAN ZHANG	B60L8/00; F03D9/00	Aerodynamic optical energy power automobile
CN101851395 A 20101006	CN20101197765 20100610	NANTONG XINGCHEN SYNTHETIC MATERIAL CO LTD	C08L63/02; C08K5/13; C08K5/1515; C09D163/02; C09J163/02; C09K3/10	Epoxy resin and production method thereof
CN101852035 A 20101006	DK20080001651 20081124; US20080117323P 20081124	VESTAS WIND SYS AS [DK]	E04H12/34; E04H12/20; F03D11/04	Off-shore wind turbine and method of erecting a wind turbine tower
CN101852168 A 20101006	CN20101180585 20100524	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D1/06; F03D7/04	Centrifugal variable paddle hub of windmill generator
CN101852169 A 20101006	CN20101107214 20100209	BO YAN	F03D3/06	Vertical shaft type wind turbine with retractable blade
CN101852170 A 20101006	CN20101154524 20100420	YONGZHANG WANG	F03D3/06	Vertical shaft type air motor blade with turbulator
CN101852171 A 20101006	CN20091108994 20090724	ZHANG YUEXIN	F03D5/00	Umbrella-shaped wind power system
CN101852172 A 20101006	CN20101142863 20100309	UNIV SHANDONG SCIENCE & TECH	F03D7/00; G06F17/50; H02J3/38	Method for calculating input wind speed of wind generating sets according to wake effect in wind power station
CN101852173 A 20101006	CN20101191997 20100604	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D7/02	Downwind pitch-controlled wind-driven generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101852174 A 20101006	CN20101184105 20100520	GUODIAN UNITED POWER TECHNOLOGY CO LTD	F03D7/04	Method for controlling influence of vertical variation of wind speed on wind generating set
CN101852176 A 20101006	CN20091048619 20090331	JIAQI XIA	F03D9/00; F03D7/06; F16L27/08	Transportation technology of hydraulic oil for hydraulic control equipment of vertical axial wind driven generator
CN101852177 A 20101006	CN20091074067 20090403	CHUAN WANG	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Elastic speed-regulating land wind driven generator
CN101852178 A 20101006	CN20091190150 20090908	ZHANG YUEXIN	F03D9/00; F03D5/00	High-power umbrella-type wind power generation system
CN101852179 A 20101006	CN20091210773 20091109	GUOJI LU; YAN SHUOQIN	F03D9/00; F03D1/02; F03D1/06; F03D3/02; F03D3/06; F03D11/00	Multi-stage impeller wind-driven generator
CN101852180 A 20101006	US20080271800 20081114	GREAT WIND ENTPR INC	F03D9/00; F03D3/06	Vertical axis wind turbine blade, vertical axis wind turbine and operating method thereof
CN101852181 A 20101006	CN20101119281 20100202	JIANJUN ZHANG	F03D9/00; F03D5/00	Turntable-type wind power generation system being driven by umbrella-type wind power devices
CN101852182 A 20101006	CN20101129169 20100322	HANGZHOU DONGGUAN COMM EQUIPMENT CO LTD	F03D9/00; H02J7/00; H02J15/00; H02N6/00	High-output-index wind-light complementing power generation device
CN101852183 A 20101006	CN20101154448 20100417	UNIV DALIAN TECH	F03D9/00; F03D11/00	Omnibearing wind-collecting electricity generating wind dam

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101852184 A 20101006	CN20101192091 20100604	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D9/00; F03D1/06; F03D7/04	Medium and small sized variable propeller pitch wind-driven generator
CN101852185 A 20101006	CN20101152723 20100422	HUANCHANG LI	F03D9/02; F03D5/00; F03D7/00; F03D11/00; F21V33/00; H02N6/00	Wind energy jet and solar energy composite generating set
CN101852186 A 20101006	CN20091025772 20090309	HANDE WINDPOWER EQUIPMENT FUNING CO LTD	F03D11/00; H02G13/00	Wind power blade lightning-guide cable connecting method and wind power blade using same
CN101852187 A 20101006	JP20090081711 20090330	SUMITOMO HEAVY INDUSTRIES	F03D11/00	Decelerator with output pinion of wind power generation system
CN101852188 A 20101006	CN20101202086 20100617	DEYAO TANG	F03D11/00; F16F15/02; F16F15/04; F16F15/08	Wind-driven generator tower frame shock absorbing device and design method thereof
CN101852193 A 20101006	CN20091221803 20091111	WEI ZHANG	F03G6/06; F03D9/00	Concentrating solar power generation system
CN101853619 A 20101006	CN20101163264 20100406	UNIV JIANGNAN	G09F13/02; F03D9/00; H02J7/35	Natural energy all-weather field billboard
CN101855475 A 20101006	WO2008GB03358 20081001; GB20070019119 20071001	ORBITAL 2 LTD [GB]	F16H57/08; F03B13/26; F03D11/02; F16H1/28; F16H1/46	A transmission system for power generation
CN101858303 A 20101013	CN20091038446 20090408	WEILIAN LIU; LUO SHAOMIN	F03D3/06; F03D11/04	Squirrel-cage vertical shaft wind generating set
CN101858304 A 20101013	CN20091081602 20090407	QISHAN LI; RONGYI LI	F03D3/06; F03B3/12	Manufacturing principle of inner-thrust external-spray wind or water flow generator impeller

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101858305 A 20101013	CN20091081603 20090407	QISHAN LI; RONGYI LI	F03D3/06	Inner-thrust external-spray low-impedance vertical-axis wind power generator impeller
CN101858306 A 20101013	CN20091008652 20090407	XINGUANG LIU	F03D9/00	Tunnel wind-driven generating device
CN101858307 A 20101013	CN20101117956 20100305	HARBIN KAIEN TECHNOLOGY DEV CO LTD	F03D9/00; F03D3/06	Scoop wind shift generator
CN101858309 A 20101013	CN20101158367 20100427	UNIV SOUTHEAST	F03D9/00; H02K16/02	Fixed-pitch direct-driving wind power generator
CN101858310 A 20101013	CN20101165547 20100415	JUNCAI LIU	F03D9/00; F03G4/00; F23G5/46; F27D17/00	Hot wind power generation system employing superconductive tube
CN101858311 A 20101013	CN20101173927 20100510	SANY ELECTRIC CO LTD	F03D9/00; F03D7/00	Method and device for obtaining power curve of wind power equipment and controlling wind power equipment
CN101858312 A 20101013	CN20101187808 20100531	UNIV CHONGQING; CHONGQING KK QIANWEI WINDPOWER EQUIPMENT CO LTD	F03D9/00; G01M15/00	System and method thereof for evaluating real-time running state of wind generating set
CN101858313 A 20101013	CN20101201974 20100610	BEIJING JINGYE BEARING MANUFACTURE FOR ROLLING MILLS CO LTD	F03D11/00; F16C33/66; F16C33/78	Wind generating set and variable blade bearing thereof
CN101858315 A 20101013	CN20101177829 20100514	ZHONGJIN FUHUA ENERGY TECHNOLOGY CO LTD	F03D11/04	Multilayer multi-column truss dam-type supporting system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101858316 A 20101013	CN20101180824 20100524	FUQUN HE	F03D11/04; F03D9/00	Construction engineering structure mode for tower wind power generation station
CN101858384 A 20101013	CN20101184929 20100528	XIANGDIAN WIND ENERGY CO LTD	F16C25/08; F03D11/00	Radial air gap control system for three-row cylindrical roller bearing
CN101858922 A 20101013	CN20091081713 20090409	BEIJING TIANYUAN CREATION WIND POWER TECHNOLOGY CO LTD	G01P3/481; F03D7/00; G01B7/30	Method for measuring speed and detecting yawing of generator of wind generating set
CN101859514 A 20101013	CN20101204310 20100613	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	G09F13/02; F03D3/06; F03D9/00; G09F13/22	Energy-saving lighting billboard taking wind-power generating system as a power supply source
CN101860148 A 20101013	CN20101189211 20100602	NANTONG HONGFENG MACHINERY & ELECTRICITY CO LTD	H02K15/14; F03D11/00	Clamping device for inner circle of wind power generator case
CN101860270 A 20101013	CN20101157286 20100426	CHENGDU LEO SENSOR CO LTD	H02N6/00; F03D9/00; H02J3/38; H02J7/00	Access system for adequately utilizing wind energy and solar energy and realization method thereof
CN101861461 A 20101013	WO2008JP73234 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/04	Pitch drive apparatus for wind power generating apparatus and wind power generating apparatus
CN101864359 A 20101020	CN20101208451 20100619	WUXI TONGCHUN ENERGY TECHNOLOGY CO LTD	C12M1/107; F03D3/00; F03D9/00	Effective device for applying wind generator system to methane tank
CN101865074 A 20101020	CN20101225370 20100714	UNIV JILIN	F03D1/04; F03D1/06	Culvert device of horizontal axis wind-driven generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101865077 A 20101020	CN20101211238 20100623	JIAN FU; XIAOYI FU	F03D1/06	Fan blade structure of a wind generator
CN101865078 A 20101020	CN20101205731 20100613	DONGJIANG LIU	F03D3/06	Vertical vane of permanent magnet wind generating set directly driven by vertical shaft
CN101865079 A 20101020	CN20101201478 20100617	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Intelligent variable-pitch control system and method for megawatt wind generating set
CN101865080 A 20101020	CN20101210064 20100628	SUZHOU NENGJIAN ELECTRIC CO LTD	F03D7/00; H02H7/08	Dead zone generation circuit of driver of variable pitch control system
CN101865081 A 20101020	CN20101215242 20100701	UNIV BEIJING	F03D7/00; F03D11/00	Device for utilizing front edge rudder pieces to adjust output power of rotating blade and method thereof
CN101865083 A 20101020	CN20091132091 20090417	UNITED SHIP DESIGN AND DEV CT	F03D9/00	Separation type stepless driving power generating device
CN101865085 A 20101020	CN20101165088 20100507	SILONG HA	F03D9/00; F03D3/04; F03D3/06; G01P13/02	Horizontal rotating wind power generator
CN101865086 A 20101020	CN20101185243 20100528	BO YAN	F03D9/00; F03D3/00; F03D3/06	Sliding door type vertical-axis wind driven generator
CN101865087 A 20101020	CN20101194624 20100531	WUXI TONGCHUN ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D1/00; G01V1/18	Power supply unit for applying wind generator system to earthquake prediction device
CN101865088 A 20101020	CN20101198631 20100608	JIKAI LIANG	F03D9/00; F03D1/00; F03D11/00; H02N6/00	Wind-light combined generating set

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101865090 A 20101020	CN20101198172 20100603	SANY ELECTRIC CO LTD	F03D11/00	Aligning device for installation of wind generating set
CN101865091 A 20101020	CN20101205976 20100610	INNER MONGOLIA SPACEFLIGHT YIJIU TECHNOLOGY DEV CO LTD	F03D11/00; B29C70/32	Wind generator blade and forming method thereof
CN101865409 A 20101020	CN20091030745 20090415	DONGTAI AND EAST SHIPPING AND MARINE ENGINEERING EQUIPMENT INST	F21S9/02; F03D9/00; F21S9/04; F21V23/00; H02J7/14	Wind powered street lamp
CN101868621 A 20101020	WO2008JP01288 20080523; JP20070339280 20071228	KAWASAKI HEAVY IND LTD [JP]	F03D7/04; F03D11/00	Upwind type wind wheel and method of operating the same
CN101871415 A 20101027	CN20091127992 20090324; CN20101144298 20100317	GUOHONG HUANG	F03B1/00; F01K7/00; F03B1/04; F03B13/12; F03D5/00; F03G6/00	Universal fully-effective generating power machine
CN101871421 A 20101027	HK20080102329 20080229; HK20080107997 20080718	NIMSLO TECHNOLOGY INC	F03D3/04	Wind guiding device for wind turbine and wind turbine combining wind guiding device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101871424 A 20101027	JP20030292066 20030812; JP20030329073 20030919; JP20030328965 20030919; JP20030385529 20031114; JP20030386086 20031117	NABTESCO CORP [JP]	F03D7/00; F03D7/02; F16H1/28; F16H1/32	Yaw drive method and device for wind power generator
CN101871425 A 20101027	CN20101206420 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Control system and method for installing and adjusting blades of aerogenerator
CN101871426 A 20101027	CN20101200354 20100613	HANG DING; JIANQING ZHANG	F03D7/04	Automatic orientation protector of wire rope driving type wind driven generator
CN101871430 A 20101027	CN20101179782 20100514	DONGGUAN KESHENG ELECTRONICS SCIENCE & TECHNOLOGY CO LTD; RUIMIAN ZHANG	F03D9/00	Soldier pile natural resource generator
CN101871431 A 20101027	CN20101185460 20100528	YONGSHENG ZHAO	F03D9/00; F03D3/06; F03D7/06; F16H1/28; F16H37/02	Cage type fan blade wind driven generator
CN101871432 A 20101027	CN20101190822 20100528	YUANHUI LI	F03D9/00; E04F17/04; F03D3/04; F03D3/06	Impact type wind power generator and building adopting same

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101871433 A 20101027	CN20101197518 20100611	UNIV HARBIN ENG	F03D9/00; H02J3/38	Variable-speed constant-frequency wind power generation device having energy storing device
CN101871434 A 20101027	CN20101200342 20100613	JUNLING CAO	F03D9/00; F03D1/02	Double wheel wind-collecting type windmill generator
CN101871435 A 20101027	CN20101193469 20090627	YALI SONG	F03D9/02; F03B13/24	Three-dimensional combined type ocean energy utilization power generation method
CO6180085 A1 20100719	CL20080000359 20080205	LATEKOLS SIA [CO]	F03D3/00	TURBINA EOLICA PROVISTA DE UN ROTOR CON EJE VERTICAL
CO6180472 A2 20100719	CN20061062135 20060816	CONG YANG [CN]	F03D9/00	CONJUNTO DE MOTORES DE GAS-VIENTO Y VEHICULO DE MOTOR QUE COMPRENDE EL MISMO
DE102008061934 A1 20100722	DE200810061934 20081212	TYCO ELECTRONICS AMP GMBH [DE]	H01R24/00; F03D11/00	Hochstromsteckverbinder
DE102008062356 A1 20100708	DE200810062356 20081218	REPOWER SYSTEMS AG [DE]	H02J3/00; F03D7/00	Verfahren und Stromerzeugungsanlage zum Stabilisieren eines Stromverteilungsnetzes
DE102008063211 A1 20100701	DE200810063211 20081229	SADLER NORBERT [DE]	F03D9/00	Method for inter-regional production, supply and storage of regenerative electric power for e.g. electric vehicle, involves utilizing domestic electrical storage capacities of domestic geothermal heating systems for storage of power
DE102008063298 A1 20100701	DE200810063298 20081229	ALPINTECHNIK AG [CH]	E04H12/18; E04H12/22; E04H12/34; F03D11/04; H01Q1/12	Tower for e.g. windmill, has additional lifting-and lowering unit guiding tilting force via hinge to tower upper part and amplifying tilting force of another lifting-and lowering unit and tilting movement of tower upper part

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102008063340 A1 20100701	DE200810063340 20081230	FREUDENAU GUENTER [DE]	F03D5/06; F03B17/06	Turbo engine for air and water, has sail, straight thrust crank drive with vertically arranged crankshaft and connecting rod which serves as carrier for sail, straight guide and straight-running part
DE102008063874 A1 20100701	DE200810063874 20081219	BOSCH GMBH ROBERT [DE]	F03D1/00; F03D9/00	Wind energy plant, has rotor blades that are arranged in hub, and generator that stays in connection with hub, where hub is designed as axially open hollow shaft and wall thickness of hollow shaft is adapted to torque distribution
DE102008063875 A1 20100701	DE200810063875 20081219	BOSCH GMBH ROBERT [DE]	F03D1/00; F03D9/00	Generatoranordnung für eine Windenergieanlage
DE102009002637 A1 20101028	DE200910002637 20090424	WOBBEN ALOYS [DE]	F03D1/06	Rotorblatt für eine Windenergieanlage
DE102009002692 A1 20101111	DE200910002692 20090428	INGBUERO PERSANG GMBH & CO KG [DE]	F03B17/06; F03D5/00	Vorrichtung und Verfahren zur Umwandlung der in einer Wasserströmung enthaltenen kinetischen Energie in elektrische Energie
DE102009003928 A1 20100708	DE200910003928 20090105	HURRELMEYER DIRK [DE]	F03D7/00	Verfahren zur Effizienzsteigerung von fluiddynamischen Strömungsmaschinen zur Energiewandlulng
DE102009004660 A1 20100715	DE200910004660 20090112	SCHEMANN VOLKER [DE]	F03D3/06; F03D1/06	Rotor for use in wind power station for extraction and transformation of energy contained in wind, comprises two rotor blades, and vertical axle arranged in flow direction, to which rotor blades are fastened
DE102009004991 A1 20100715	DE200910004991 20090114	IMO HOLDING GMBH [DE]	F16C19/54; F03D11/04	Windkraftanlage

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009005127 A1 20100715	DE200910005127 20090112	ZIEMBA MARTIN [DE]	F03D3/06	Wind power blade wheel rotor or wind power plant has four equal-sized blade wheels which are set to ninety degree, where blade surfaces of blade wheels, which correspond to cone, reduce at upper side and end in cone point
DE102009005128 A1 20100715	DE200910005128 20090112	ZIEMBA MARTIN [DE]	F03D3/06	Horizontal wind rotor, has adjustable wing area/wind generator, and two vertical front and rear surfaces mounted on four rotor ends, where front surface overlaps starting points to rear surface around one-third to half of front surface
DE102009005737 A1 20100722	DE200910005737 20090120	GLUSHKO VIKTOR [DE]	F03D3/06	Vertikalachs-Windrotor mit vertikalen Blättern
DE102009005985 A1 20100805	DE200910005985 20090123	G A M HOLDING GMBH [DE]	F03D9/02; F03D9/00; F03D11/04	Combined wind energy and heat storage system for use in residential buildings, has wind rotor, heat accumulator filled with heat storage medium, particularly water, and heating generator driven by wind rotor
DE102009006242 A1 20100729	DE200910006242 20090127	BOCK FRIEDRICH [DE]	B62D35/00; F03D9/00	Air inlet-and discharging opening for use in e.g. motor vehicle, has air turbine installed in flow channel during production of electric flow, where electric energy is controlled depending on usage and operating speed of generator
DE102009006842 A1 20100812	DE200910006842 20090201	GOERES HANS DIETER [DE]	F03D9/00	Wind channel turbine system for use in mountain region, has high ventilation-wind channel provided with inlet under air pressure that is greater in environment and outlet under air pressure smaller in high suitable region

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009006954 B3 20100930	DE200910006954 20090130	WINDKRAFT RHEDE GMBH [DE]	F03D11/04	Device for reducing noise emission of wind energy system, has vertical equipments i.e. wooden beams, preventing vibration or resonance in steel pipe segments and clamped with inner opposite sides of steel stand pipe using clamping devices
DE102009007870 A1 20100812	DE200910007870 20090206	MOHL ROLF DIETER [DE]	F03D1/04; F03D1/02; F03D1/06; F03D5/04; F03D9/00	Propellerflügel für einen Propeller für ein Windenergiemodul, Gehäuse für ein Windenergiemodul, Windenergiemodul, Windenergieanlage und Verwendung einer Windenergieanlage
DE102009008437 A1 20100812	DE200910008437 20090211	VENSYS ENERGY AG [DE]	F03D1/00; F03D9/00	Maschinenträger zur Aufnahme einer Rotor-/ Generatorbaugruppe einer getriebelosen Windenenergieanlage
DE102009008805 A1 20101028	DE200910008805 20090211	SEMAKIN SERGEJ [DE]	F03D1/06; F03D1/02	Wind turbine for use in generation of power, has vane whose surface is formed such that counter torque is less around vertical yaw axis by wind effect on vane and lesser than torque around yaw axis by wind effect on wind wheel
DE102009008891 A1 20100819	DE200910008891 20090214	NORDEX ENERGY GMBH [DE]	F03D7/00	Method for equipment condition monitoring of wind energy plant, involves receiving measured values or setting control signals with time stamp by plant control
DE102009009039 A1 20100819	DE200910009039 20090216	BUSCH DIETER & CO PRUEFTECH [DE]	F03D11/00; F03D1/06; F03D7/00	Windenergieanlage mit Überwachungssensoren
DE102009010087 A1 20100826	DE200910010087 20090224	HAMANN ROLF [DE]	F03D9/00; F03D3/04	Arrangement for installing in e.g. facade of industrial building to convert kinetic wind energy into mechanical rotational energy, has turbine that is propelled by developing increased pressure in storage chamber

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009010400 A1 20100902	DE200910010400 20090226	INNOVATIVE WINDPOWER AG [DE]	F03D11/00	Rotor blade for wind energy plant of wind turbine park, has interior body, external area and lightning conductor device, where lightning conductor device has lightning receiving device and lightning line device
DE102009010499 A1 20100902	DE200910010499 20090225	BUTSCHEK FRANZ [DE]	F03D9/00; F01K3/00; F03D9/02; H01L31/058	Solar power plant comprises multiple renewable energy sources, where large storage battery is provided for storing excess power for heating coils, and water is evaporated in pre-heated water tanks by generated current flow at night
DE102009010905 A1 20101007	DE200910010905 20090302	SEMAKIN SERGEJ [DE]	F03D1/02	Wind turbine, has generator connected with wheels attached to arms that are arranged in tower around vertical yaw axis and rigidly fastened to each other at equal and/or unequal angles in plane, where arms have straight-line shape
DE102009010992 A1 20100826	DE200910010992 20090219	GERNHAELTER MAURICE [DE]	F03D3/06; F03D3/02; F03D9/00	Small-wind power plant for use in e.g. garden-premises, has rotors mounted adjacent to each other and comprising cylinder halves that are movable opposite to each other, where power plant operates according to principle of savonius-rotor
DE102009010993 A1 20100909	DE200910010993 20090302	GU YE [DE]	F03D9/00	Power station e.g. wind and tidal power station, has wind turbine and water turbine connected with supporting device, where water turbine is driven by surrounding water flow and wind turbine is driven by surrounding air flow

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009011603 A1 20100909	DE200910011603 20090304	WUERTHELE KLAUS [DE]	F03D11/04	Rotor blade assembling device for wind power plant, has counterweights arranged at different distances to rotation axis, where mass distribution of rotor is changed during assembling rotor blade by adding counterweights
DE102009011950 A1 20100916	DE200910011950 20090310	SAHM MARION [DE]	F03D3/02; F03D9/00	Flow converter i.e. wind power converter, for use in e.g. small industrial area, has tower extending through rotor group, which is rotatably supported at two tower locations that are arranged at distance from each other
DE102009012520 A1 20100916	DE200910012520 20090310	SEIDENBUSCH RICHARD [DE]	F03D9/00	Roof ridge wind power plant is made of wind power generation device, where roof ridge wind power plant is fitted along roof ridge drum wind turbine device and is connected together
DE102009013089 A1 20101111	DE200910013089 20090309	ZHUKOV ANDREJ [DE]	F03D9/00	Wind power plant for use in wind park, has pump located in machine area and transferring wind force through lines to ground station, and motor or turbine located in ground station and coupled with generator
DE102009013161 A1 20100923	DE200910013161 20090316	BERZHEIM HANSBERND [DE]	F03D5/06; F03D9/00; F03D9/02	Hub-airfoil system e.g. video system and camera system, for controlling e.g. wind energy, in wind turbine, has energy convertors and energy storing device arranged under base of base body in closed housing

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009013665 A1 20101202	DE200910013665 20090325	MEBRA GMBH [DE]	F03D3/06	Rotor blade for wind power plant, is designed with individual components of standardized semi-finished products whose material quality corresponds to application requirements, where products are automatically cut into number of pieces
DE102009013666 A1 20101007	DE200910013666 20090325	BBA KONSTRUKTIONSBUERO UND VER [DE]	F03D3/06	Wind wheel, has advanced profile that is pointedly or curvilinearly formed in rotational direction and open against rotational direction, where rotor blade projects into open profile representing main drive
DE102009013876 A1 20100923	DE200910013876 20090316	WUERTHELE KLAUS [DE]	F03D11/04	Device for rotation of rotor of wind power plant during assembly, has lever arms which are mounted at hub flanges, where hub flanges are connected with traction device
DE102009014012 A1 20100930	DE200910014012 20090323	WOBBEN ALOYS [DE]	F03D7/00	Verfahren zum Betreiben einer Windenergieanlage
DE102009014920 A1 20100930	DE200910014920 20090325	TIEFBAU GMBH UNTERWESER [DE]	E02D27/52; E02D27/42; E04H12/22; F03D11/04	Fundamentkörper, insbesondere für eine Offshore-Windenergieanlage
DE102009014926 A1 20100930	DE200910014926 20090325	DROESSLER GMBH UMWELTTECHNIK [DE]	E04H12/12; E04H12/16; F03D11/04	Turm
DE102009014941 A1 20101007	DE200910014941 20090330	EMEKTAR CENGIZ [DE]	F03D3/06; F03B3/02; F03D1/02; F03D1/06; F03D3/02	Electrical energy production system for use in wind power plant, has planar elements freely rotatable along rotational direction of rotor, where rotational direction is opposite to other rotational direction of rotor

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009015073 A1 20101007	DE200910015073 20090330	WUERTHELE KLAUS [DE]	F03D11/04	Reinforcement structure for reinforcing rotor hub of wind turbine, has circulating reinforcers arranged at outer contour of hub body in area of rotor blade connecting flanges, where reinforcers provide additional support by lateral ribs
DE102009015167 A1 20100930	DE200910015167 20090326	WILKENS BODO [DE]	F03D7/02	Method for tracking rotor level of wind turbine against wind direction, involves adjusting rotor level in azimuthal direction according to amount of correction value in adjustment direction that coincides with another adjustment direction
DE102009015676 A1 20101007	DE200910015676 20090331	HENNINGSEN SIGRID [DE]	F03D1/04; F03D9/00	Driving device for generating rotational movement of e.g. water turbine, has commercial vacuum pump installed in non-defined position and generating low-pressure in vacuum chamber, and turbines directly installed against each other in row
DE102009015957 A1 20100930	DE200910015957 20090327	SPACEFRAME21 GMBH [DE]	F16C11/04; B66C9/00; F03D11/04	Rotary joint for device, particularly crane, is provided as leading system that operates initial load, where leading system has four support points
DE102009016544 A1 20101007	DE200910016544 20090406	WIN 2 VERWALTUNGSGMBH [DE]	F03D11/04	Wind energy plant, has head provided with crane cable guidance unit that is formed for hoisting and lowering drive train, where drive train comprises rotor blade, rotor hub, transmission and generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009016819 A1 20101104	DE200910016819 20090409	CARL ZEISS OPTRONICS GMBH [DE]	G01C11/36; F03D11/00; G06T7/20; G08G5/04	Verfahren zur Detektion wenigstens eines Objekts und/oder wenigstens einer Objektgruppe, Computerprogramm, Computerprogammprodukt, Stereokameraeinrichtung, aktiv Strahlung aussendendes Bildsensorsystem und Überwachungsvorrichtung
DE102009016889 A1 20101014	DE200910016889 20090408	FISCHER HORST [DE]	F03D3/06	Vertical sectioned windmill blade, has tail blade part arranged at tail end, where blade is rotatable between two guiding plates that are attached at cross sectional ends, and is fitted in projection unit in rotatable manner
DE102009016892 A1 20101014	DE200910016892 20090408	NORDEX ENERGY GMBH [DE]	F03D11/04	Device for detachable connection of hybrid tower section, with base plate of wind energy plant, has anchoring component comprising reinforcement element, which protrudes from anchoring component
DE102009017027 A1 20101223	DE200910017027 20090414	SIEMENS AG [DE]; WINERGY AG [DE]	F03D11/00; F03D1/06; F03D9/00	Windenergieanlage und Energieübertragungseinrichtung für eine Windenergieanlage
DE102009017068 A1 20101021	DE200910017068 20090409	WOBBEN ALOYS [DE]	F03D11/00; F03D11/04	Transportvorrichtung
DE102009017244 A1 20101014	DE200910017244 20090409	NORDEX ENERGY GMBH [DE]	F03D7/00	Verfahren zum Betreiben einer Windenergieanlage bei fehlender Verfügbarkeit eines externen Versorgungsnetzes und Windenergieanlage zur Ausführung des Verfahrens

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009017301 A1 20100826	DE200910017301 20090411; DE200910010035 20090221	BOSCH GMBH ROBERT [DE]	F16H1/06; F03D1/00	Zahnradgetriebe mit einem auf einer Hohlwelle angeordneten Zahnrad
DE102009017422 A1 20101028	DE200910017422 20090415	ZIPPERLE HOLGER RALF [DE]	F03D9/00; F03D9/02	Wind tunnel system for generating electrical energy utilized in e.g. aircraft construction, has wind drum connected with generator, propeller connected with electric motor, and battery initially charged by external power source
DE102009017521 A1 20101021	DE200910017521 20090417	REPOWER SYSTEMS AG [DE]	F03D11/04; F16H1/46; F16H57/04	Getriebe einer Windenergieanlage
DE102009017593 A1 20101021	DE200910017593 20090419; DE200910061027 20090419	TIMBER TOWER GMBH [DE]	E04H12/02; E04H12/04; E04H12/34; F03D11/04	Turm für eine Windkraftanlage
DE102009018126 A1 20101014	DE200910018126 20090409	ZSW [DE]	C25B1/04; F03D9/00; F03D9/02; F24J2/00; H02J3/38	Energieversorgungssystem und Betriebsverfahren
DE102009018305 A1 20101028	DE200910018305 20090422	SEW EURODRIVE GMBH & CO [DE]	F03D1/06	Antriebsvorrichtung und Anlage
DE102009018361 A1 20101104	DE200910018361 20090423	SEW EURODRIVE GMBH & CO [DE]	F03D1/06; F03D7/02	Anordnung zur Pitchwinkel-Verstellung mindestens eines Rotorblatts und Maschine, insbesondere Windkraftanlage
DE102009018952 A1 20101202	DE200910018952 20090425	PREDZINK GERD [DE]	F03D3/04; F03D3/02; F03D3/06	Einrichtung zur Umsetzung der linearen Windbewegung in eine Rotationsbewegung
DE102009018969 A1 20101028	DE200910018969 20090425	HYDAC COOLING GMBH [DE]	F16N7/14; F03D11/00; F16N7/38	Schmierstoff-Fördervorrichtung

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009019453 B3 20100930	DE200910019453 20090504; DE200810023247 20080513	SUZLON ENERGY GMBH [DE]	F03D11/00; H02B1/28	Schaltschrank für eine Windturbine
DE102009019872 A1 20101118	DE200910019872 20090506	DIENER ANDREAS [DE]	F03D9/00; F03D9/02	Kompressormotor
DE102009020605 A1 20101118	DE200910020605 20090509	DEBUS MARTIN [DE]; DEBUS REINOLD [DE]	F03D3/00; F03D9/00; F03D9/02	Energy tower for use on parking area of e.g. restaurant, has wind power plant for current generation, ruined into Savonius rotor, and photo-voltaic panels provided at tower for current generation
DE102009020630 A1 20101111	DE200910020630 20090509	VOELKNER DIETMAR [DE]; VOELKNER TIMM [DE]	F03D3/06; F03D11/04	Wind generator for generating electrical energy, has vertical and movable rotor blades, where rotor blades are arranged vertically and affected during rotation on force side perpendicular to wind direction
DE102009020968 A1 20101125	DE200910020968 20090512	KLOSS GERNOT [DE]	F03D1/06; F03D3/06	Partially open blade system for vertically and horizontally rotating wind rotors, has rotor blade which consists of curved complete surface wall shell and less curved partial surface wall shell of same blade length
DE102009021217 A1 20101118	DE200910021217 20090511	SIEMENS AG [DE]	H02B1/20; F03D11/00; G01K1/14; H02B1/56; H02H7/22; H05K7/20	Temperaturüberwachung für ein Schienenverteilersystem

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009021651 A1 20101118	DE200910021651 20090516	ZIEGLER HANS-BERNDT [DE]	F03D9/00; F03D1/06; F03D7/00	Wind power plant comprises generator which converts rotational energy to current, where rotation effect is maximized by regulating device, and water is supplied to rotors from storage
DE102009022179 A1 20101125	DE200910022179 20090520	DEUTSCHES FORSCHUNGSZENTRUM FU [DE]	F03D11/00; G01M11/08; G01M13/00	Device for non-destructive visual inspection of components i.e. blades, of wind turbine, has housing driven up and down in elongated hollow space of components in pendulum free manner by self-stabilizing unit
DE102009022236 A1 20101125	DE200910022236 20090520	W2E WIND TO ENERGY GMBH [DE]	F03D7/00	Wind energy plant controlling method, involves readjusting braking torque during partial-load operation of wind energy plant, with set of constant rotation speed-dependent adjusting values
DE102009022537 A1 20101209	DE200910022537 20090525	ATENA ENGINEERING GMBH [DE]	F03D1/00	Wind energy plant for wind park, has mast, rotor with rotor blade and nacelle, where rotation axis of rotor runs through nacelle, and nacelle has flow channel along rotation axis
DE102009023001 A1 20101202	DE200910023001 20090528	SMART BLADE GMBH [DE]	F03D1/06	Modular rotor blade for use in rotor of wind power plant, has profiled sections running via longitudinal extension of blade and twistably arranged with respect to each other so that profiled sections have offset with respect to each other

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009023538 A1 20101209	DE200910023538 20090530	BERKENBRINK KAI [DE]	E04H12/34; F03D11/04	Tower e.g. concrete tower, for wind-power plant, has lifting device for lifting components of wind-power plant, where lifting device is in form of crane and arranged at upper end-sided area of concrete tower
DE102009024324 A1 20101202	DE200910024324 20090529	NORDEX ENERGY GMBH [DE]	F03D11/04	Verfahren und Vorrichtung zur Montage eines Rotorblatts für eine Windenergieanlage
DE102009024764 A1 20101230	DE200910024764 20090613	GRAHL HORST [DE]	F03D3/06	Wind power plant, has tubular system fixed with rocker arm that is connected with rotor blade, where system makes quarter rotation, and upper and lower guide wheels attached to pipe via groove or attached opposite to each other
DE102009025445 B3 20100923	DE200910025445 20090618	NORDEX ENERGY GMBH [DE]	F03D7/00	Verfahren zum Betreiben einer Windenergieanlage und Windenergieanlage zur Ausführung des Verfahrens
DE102009025747 A1 20101202	DE200910025747 20090505	SSB WIND SYSTEMS GMBH & CO KG [DE]	H02J9/00; F03D1/06; H02J7/00	Notstromversorgungseinrichtung
DE102009025819 A1 20101125	DE200910025819 20090517	SSB WIND SYSTEMS GMBH & CO KG [DE]	F03D7/00; F03D11/00	Verfahren zum Überprüfen eines elektrischen Energiespeichers
DE102009029884 A1 20101230	DE200910029884 20090623	BOSCH GMBH ROBERT [DE]	F03D11/00; F03D1/06	Notverstelleinrichtung für Blattverstellsysteme von Windenergieanlagen
DE102009030886 A1 20101230	DE200910030886 20090629	BOSCH GMBH ROBERT [DE]	F03D7/00; G01P5/24; G01P13/00; G01W1/10	Windenergieanlage mit einer Vielzahl von Windenergievorrichtungen und Verfahren zur Steuerung der Windenergieanlage
DE102009037238 B3 20101209	DE200910037238 20090812	REPOWER SYSTEMS AG [DE]	F03D7/00; F03D11/00	Windenergieanlage mit veränderbarer Drehzahlkennlinie

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102009050577 A1 20101209	DE200910050577 20091023; DE200910024502 20090608	OSTERLITZ VOLKER [DE]	F03D7/00; F03D11/00	Numeric control for vertical rotor of wind power plant utilized during aircraft installation, has computer software adjusting slats, flaps, blade angle, pressure point position and devices for influencing profile rotation
DE102009060895 A1 20100708	DE200910060895 20091230; DE200920000125U 20090103	SMYLLA GEORG [DE]	F03D1/02	Windkraftanlage mit einem ersten Rotor
DE102010019329 A1 20101104	DE201010019329 20100415; DE200920006253U 20090429	KALDE HEINZ [DE]	F03D1/06	Rotor blade arrangement of wind wheel for small wind-power plant, has rotor blades fastened over hub, where hub carries propeller cover at wind facing end, which effects wind concentration on rotor blades
DE112008002421 A5 20100826	DE200710045410 20070921; WO2008EP07973 20080922	INNOVATIVE WINDPOWER AG [DE]	F03D7/02; F03D11/02; G05D23/19	Verfahren zum Anfahren einer Windenergieanlage
DE112008002660 A5 20100701	DE200710050323 20071018; WO2008DE01686 20081020	INNOVATIVE WINDPOWER GMBH [DE]	F03D11/00	Azimutlager einer Windkraftanlage
DE112008002661 A5 20100701	DE200710049599 20071015; WO2008DE01672 20081015	INNOVATIVE WINDPOWER AG [DE]	F03D11/00	Temperaturregelung von aneinandergekoppeltem Getriebe und Generator bei einer Windenergieanlage
DE112008002780 A5 20100715	WO2008DE01267 20080729; WO2007DE01432 20070810	KRAUS GUNTER [DE]	F03D3/04	Strömungsenergieanlage

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE112008002881 A5 20100729	DE200710052525 20071101; WO2008DE01781 20081103	INNOVATIVE WINDPOWER AG [DE]	F03D11/00	Vorrichtung zum Ableiten eines Blitzes bei einer Windenergieanlage
DE112008003090 A5 20100812	DE200710043844 20070914; DE200810023109 20080509; WO2008DE01519 20080911	BUSCH DIETER & CO PRUEFTECH [DE]	F03D7/04; F03D11/00	Windenergieanlage und Verfahren zum Betreiben einer Windenergieanlage
DE112008003311 A5 20101125	DE200710060985 20071214; WO2008IB03473 20081212	INNOVATIVE WINDPOWER AG [DE]	F03D11/02	Vorrichtung zur Übertragung von Bereitstellungsmitteln
DE202009000909U U1 20100701	DE200920000909U 20090123	BERGER KLAUS [DE]; HEISE BRUNHILDE [DE]; HIRSCHMANN GERHARD [DE]	F03D9/00	Windgetriebener Ventilator
DE202009006572U U1 20100916	DE200920006572U 20090430	SAMAK NABIL [DE]	F03D1/02; F03D1/04	Die externe oder interne, unabhängige, selbstständige, Ein- oder Zweistrahl-Anergie-Luftturbine, die mit Anergie Antriebskreisläufen und/oder nur mit kältetechnischen bzw. Anergiekreisläufen betrieben wird

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202009006966U U1 20100902	DE200920006966U 20090514; DE200920005438U 20090414	GUMMIWERK KRAIBURG GMBH & CO K [DE]	B32B25/08; A61F2/50; A63C5/14; B29C70/08; B32B25/02; B32B27/04; B60R13/02; B60R21/00; B62D29/04; B63B5/24; B64C7/00; F03D1/06	Verbundbauteile aus wärmehärtenden Harzen und Elastomeren
DE202009008627U U1 20101104	DE200920008627U 20090623	KORRMANN VOLKER [DE]	F03D9/00	Tornadokraftwerk
DE202009016149U U1 20101014	DE200920016149U 20091120; DE200910049906 20091012	STROMAG WEP GMBH [DE]	F03D11/00	Scheibenbremse für einen Azimutantrieb einer Windkraftanlage
DE202009017905U U1 20100729	DE200920017905U 20090507	WOBBEN ALOYS [DE]	E04H12/00; F03D11/00; G09F17/00	Bauwerk
DE202009018011U U1 20101104	DE200920018011U 20091009	WAGNER PAUL [DE]	F03D11/04	Vorrichtung einer Unterkonstruktion für Windenergie-Turmanlagen
DE202010000868U U1 20101202	DE201020000868U 20100112; DE200910034114 20090720	WADER WITTIS GMBH [DE]	F03D11/04	Vorrichtung zum Transport und zur Montage von Windkraftanlagen
DE202010002326U U1 20100819	DE201020002326U 20100212	DAMMANN WOLFRAM [DE]	E04B7/02; F03D1/04; F03D9/00	Dachsystem für Gebäude

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202010002582U U1 20100701	DE201020002582U 20100220; DE200920012104U 20090904	KUSS JOACHIM [DE]	F03D1/06; F03D11/00	Windkraftanlage mit radial verstellbaren Rotorblättern
DE202010002845U U1 20100715	DE201020002845U 20100222	WINDNOVATION ENGINEERING SOLUT [DE]	F03D11/00; E04H12/00	Windkraftanlage mit reduziertem Turmschatteneffekt
DE202010002907U U1 20100909	DE201020002907U 20100227	KLOPSCH MATTHIAS [DE]	F03D9/00	Kombinationskraftwerk
DE202010003360U U1 20100812	DE201020003360U 20100309	POPP FRANZ [DE]	F03D3/04	Vorrichtung zur Umwandlung von Strömungsenergie eines strömenden gasförmigen Fluids in Rotationsenergie und Anlage zur Erzeugung von elektrischer Energie damit
DE202010003361U U1 20100812	DE201020003361U 20100309	POPP FRANZ [DE]	F03D3/06; F03D3/04	Vorrichtung zur Umwandlung von Strömungsenergie eines strömenden gasförmigen Fluids in Rotationsenergie und Anlage zur Erzeugung von elektrischer Energie damit

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202010003983U U1 20100805	DE201020003983U 20100322; DE201020002177U 20100211	ASCH WERNER [DE]; KLEIN MICHAEL [DE]; SCHATTON PETER KONRAD [DE]; TEMPARIS VERTRIEBSGESELLSCHAFT [DE]	A01M29/02; F03D11/00	Steuerung und Kontrolle inter- und intraspezifischer, sowie künstlicher Klangattrappen über piezokeramische oder sonstige akustische Lautgeber im Infra-, Ultraschall- und hörbaren Bereich zur Vertreibung von ausgewählten Tierfamilien (z.B. Fledermäusen, Vögeln - u.a. Greif- und Zugvögel, Stadttauben, Fluginsekten, Rot-, Damm- und Schwarzwild, sowie unterirdisch lebenden Tierarten) an (sowohl stationären und mobilen) technischen und baulichen Einrichtungen, sowie landwirtschaftlichen und sonstigen Nutzflächen
DE202010004320U U1 20100812	DE201020004320U 20100327	ETEZADZADEH JASMIN JEANNEMARIE [DE]	F03D1/04	Windblume, eine Windturbine zum Zwecke der Stromerzeugung, oder gattungsmässiger Art zur Energiegewinnung
DE202010004519U U1 20100708	DE201020004519U 20100401; DE200910020507 20090508	LIPP XAVER [DE]	F03D3/06	Rotor für eine Windkraftmaschine sowie Windkraftmaschine mit einem solchen Rotor
DE202010004890U U1 20100722	TW20090210746U 20090616	JETPRO TECHNOLOGY INC [TW]	F03D1/04; F03D3/04; F03D9/00	Windgenerator
DE202010004891U U1 20100722	TW20090210202U 20090609	JETPRO TECHNOLOGY INC [TW]	F03D1/04	Windgenerator mit automatischer Anpassung an die Windrichtung
DE202010005631U U1 20101118	DE201020005631U 20100614	STADTWERKE DUISBURG AG [DE]	F03D3/02	Windenergieanlage

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202010005651U U1 20100826	DE201020005651U 20100616	ZELL INGO [DE]	F03D3/06; F03D11/04	Windkraftanlage
DE202010006185U U1 20100805	DE201020006185U 20100429	HILBERS SOEREN [DE]	E04D13/18; F03D1/04; F03D9/00	Dachziegel mit Elektrogenerator und Tubus zur Erzeugung von Elektrizität
DE202010006473U U1 20100805	TW200902110 67U 20090619	JETPRO TECHNOLOGY INC [TW]	F03D9/00	Energiesparender, windbetriebener Belüfter
DE202010006722U U1 20100819	DE201020006722U 20100513	KUERZINGER ROSMARIE [DE]	F03B11/00; F03D1/04; F03D3/04	Beschleunigungstrichter
DE202010006723U U1 20100805	DE201020006723U 20100513	SPORRER INGEBORG [DE]	F03D9/00	Luftturbine
DE202010007565U U1 20100902	DE201020007565U 20100604	ZARGES ALUMINIUM SYSTEME GMBH [DE]	E04H12/00; E04H12/08; F03D11/04	Turm, insbesondere Windkraftanlagenturm
DE202010007622U U1 20100916	DE201020007622U 20100604; DE200920015289U 20090918	FM KUNSTSTOFFTECHNIK GMBH [DE]	F24J2/52; F03D11/00; F16M13/00	Verbindungselement für eine Halterung für ein regeneratives Energiemodulsystem
DE202010009460U U1 20100916	DE201020009460U 20100623	NORDEX ENERGY GMBH [DE]	F03D11/00	Vorrichtung zur Beheizung von Wettermasten
DE202010009461U U1 20100916	DE201020009461U 20100623	NORDEX ENERGY GMBH [DE]	F03D11/00	Vorrichtung zur Beheizung von Wettermasten
DE202010009462U U1 20100909	IT2009BO00414 20090625	BONFIGLIOLI RIDUTTORI SPA [IT]	F03D11/04; F03D11/00	Baugruppe zum Steuern eines Blattanstellwinkels eines Windgenerators
DE202010009981U U1 20101007	DE201020009981U 20100708	STEEL DENNIS PATRICK [DE]	F03D9/00; F03D3/04; F03D3/06	Anordnung zur Erzeugung elektrischer Energie (III)
DE202010010066U U1 20101028	DE201020010066U 20100709	LUY JOACHIM [DE]	F03D3/06	Windrad

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202010010230U U1 20101028	DE201020010230U 20100714	PELZER HERIBERT [DE]	F03D9/00; F03B13/00	Wärmeerzeugungsvorrichtung
DE202010010637U U1 20100930	DE201020010637U 20100724	LUTZENBERGER HELMUT [DE]	F03D9/00; F03D11/00	Hybrid, Mehrfach-Misch-Antrieb für "Windräder oder Rotoren"
DE202010010765U U1 20101104	DE201020010765U 20100728	ENERTRAG WINDFELD SYSTEMTECHNI [DE]	F03D11/00	Videosystem zur Vogelerkennung in Windparks
DE202010011085U U1 20101111	DE201020011085U 20100805	BENNERT INGENIEURBAU GMBH [DE]	F03D11/00	Vorrichtung zum Überwachen der Standfestigkeit von Windkraftanlagen
DE202010011160U U1 20101216	DE201020011160U 20100807	MAHLE INT GMBH [DE]	F04B53/20; F03D11/00; F04B49/035	Kombiniertes Pumpen- und Filtermodul
DE202010011459U U1 20101104	DE201020011459U 20100817	WIESCHEMEYER BERNHARD [DE]	F03D9/00; F03D3/04	Turbine zur Windenergienutzung auf geneigten Dächern
DE202010011824U U1 20101104	DE201020011824U 20100826	BUECHE BENEDICT [DE]	F03D5/04; B60L8/00; F03D9/00	Generator mit hohler Rotorröhre und vorne aufgeschweisstem Trichter mit integrierten Windschaufeln, die ihn durch den auftreffenden Fahrtwind zur Stromerzeugung antreiben
DE202010012114U U1 20101118	DE201020012114U 20100902	BRAUN WINDTURBINEN GMBH [DE]	F03D11/00; F03D11/04	Kippvorrichtung als Sturmsicherung für Kleinwindanlagen
DE202010012708U U1 20101223	DE201020012708U 20100917	DJOUIAI ABBAS [DE]	F03D3/06; F03D3/00; F03D11/04	Windturbine mit vertikaler Drehachse und hängend gelagertem Rotor
DE202010012752U U1 20101202	DE201020012752U 20100920	KIRSCHEY CENTA ANTRIEBE [DE]	F03D11/04	Vorrichtung zur kraftübertragenden Verbindung zweier Aggregate
DE202010013535U U1 20101202	DE201020013535U 20100924	REPOWER SYSTEMS AG [DE]	F03D11/00; F03D1/06; F03D11/04	Blattanschluss eines Rotorblatts einer Windenergieanlage

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE202010014100U U1 20101230	DE201020014100U 20101008	ZIPKAT MARTIN [DE]	F16N13/02; F03D11/00; F16C33/66; F16N11/00	Schmiervorrichtung
DE212007000108U U1 20100819	WO2007BY00005 20071015	ZAKUTNEU YURY V [RU]	F03D1/04	Segel-Windenergieanlage
DE212008000104U U1 20101104	WO2008BY00001 20080219	ZAKUTNEU YURY V [RU]	F03D3/00; F03D7/06	Wind-Energieanlage
DE212008000112U U1 20101230	HK20080102329 20080229; HK20080104604 20080424; HK20080104651 20080425; HK20080107704 20080714; HK20080108816 20080811; WO2008IB03521 20081217	HOPEWELL WIND POWER LTD [VG]	F03D3/06; F03D3/00; F03D3/02; F03D9/00	Wellenlose Windturbine mit vertikaler Achse
DK1288122T T3 20100906	AT20010001373 20010830; AT20010001616 20011015	RUND STAHL BAU GMBH & CO [AT]	B63B35/44; B63B9/06; B63B21/50; F03D1/00; F03D11/04	Flydende fundament til et bygningsværk, der rager op over vandoverfladen
DK1425840T T3 20100913	IT2001BZ00043 20010913; WO2002IB03741 20020909	WILIC S AR L [LU]	H02K7/18; F03D9/00; H02K7/08; H02K7/102; H02K21/14; H02K21/28	Vindkraftströmgenerator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DK1615185T T3 20100802	DE20002008289U 20000509; EP20010951485 20010508	WOBBEN ALOYS [DE]	F03D11/04; G08B5/00; F03D11/00; F21S8/00; F21S9/04; F21V23/04; G08B5/22; G09F13/00; G09F13/20	Flynavigationsindretning på vindenergianläg
DK1685337T T3 20100809	GB20030026951 20031120; WO2004IB03935 20041119	HANSEN TRANSMISSIONS INT [BE]	F16H1/28; F03D11/02	Geartransmissionsenhed med planetgear
DK176999B B1 20101108	DK20090000466 20090407; DK20090000546 20090428	BANG-MOELLER SOEREN [DK]	F03D3/04; F03D1/04	Kombineret vinge- og turbinekonstruktion til forbedret udnyttelse af fluid strömningsenergi
DK177006B B1 20101122	DK20100070017 20100119	AH IND PROJECTS APS [DK]	F03D11/04; B66C1/42; F03D1/00	Fremgangsmåde til styring af orientering af en last ophängt i en bärewire omkring wiren samt et spilarrangement
DK1774122T T3 20100726	NO20040002775 20040701; WO2005NO00231 20050627	OWEC TOWER AS [NO]	E04H12/10; F03D11/04	Indretning til en tvärstiverforbindelse med manglende drejemoment
DK1835293T T3 20100927	EP20060005334 20060315	SIEMENS AG [DE]	G01P3/22; F03D7/04; G01P3/16; G01P3/44	Vindturbine og fremgangsmåde til at bestemme mindst en parameter for en vindturbinerotor
DK200900263 A 20100827	DK20090000263 20090226	HAUGAARD KNUDSEN JENS CHRISTIAN [DK]	F03D1/02; F03D11/04	Havvindmölle med to vingenav opbygget på betonstöbt tårn og fundament

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DK200900420 A 20100927	DK20090000420 20090326	VESTAS WIND SYS AS [DK]	F03D1/06; B64C3/48	A WIND TURBINE BLADE COMPRISING A TRAILING EDGE FLAP AND A PIEZOELECTRIC ACTUATOR
DK200900775 A 20101225	DK20090000775 20090624	GEN ELECTRIC [US]	F03D11/00	Spinner of a wind turbine
DK200970109 A 20100908	DK20090070109 20090909	VESTAS WIND SYS AS [DK]	F03D7/02	Wind turbine rotor blade
DK200970129 A 20100929	DK20090070129 20090928	VESTAS WIND SYS AS [DK]	F03D11/00; F16C33/66	A canister and method for collecting grease from a bearing of a wind turbine
DK200970198 A 20101130	DK20090070198 20091111	VESTAS WIND SYS AS [DK]	F03D11/00; B64D15/20	Wind turbine rotor blade, wind turbine and method of detecting ice on the wind turbine rotor blade
DK200970278 A 20101213	DK20090070278 20091217	VESTAS WIND SYS AS [DK]	F16F15/03; F03D11/00	Vibration damping of wind turbine shaft
DK201000008 A 20101218	DK20100000008 20100107	VESTAS WIND SYS AS [DK]	F03D1/00; B63B22/00; B63B35/00; F03D11/00	Method of erecting a floating off-shore wind turbine and a floating off-shore wind turbine
DK201000736 A 20100823	HK20080104604 20080424; HK20080104651 20080425; HK20080107704 20080714; WO2009IB05366 20090424	HOPEWELL WIND POWER LTD [VG]	F03D3/06; F03D9/00	Vertical axis wind turbine
EP2203641 A2 20100707	WO2008GB01905 20080605; GB20070010706 20070605	SPARKES STEPHEN [GB]	F03D3/04	TURBINE ARRANGEMENT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2203642 A2 20100707	WO2007EP09466 20071031	POWERWIND GMBH [DE]	F03D11/00	WIND-POWER SYSTEM
EP2204576 A2 20100707	US20080332840 20081211	GEN ELECTRIC [US]	F03D1/06; F03D11/00	Sparcap for wind turbine rotor blade and method of fabricating wind turbine rotor blade
EP2204579 A2 20100707	DK20080001774 20081212; US20080122062P 20081212	VESTAS WIND SYS AS [DK]	F03D7/04	A method for controlling the operation of a wind turbine and a wind turbine
EP2204580 A2 20100707	US20080347288 20081231	GEN ELECTRIC [US]	F03D9/00	Wind turbine starting
EP2205833 A1 20100714	WO2008AU01493 20081006; AU20070905470 20071004	WEST STEPHEN MARK [SG]	F01D1/04; E02B9/00; F01D1/26; F03B3/04; F03B3/06; F03B3/08; F03B3/18; F03D1/00	TURBINE ASSEMBLY
EP2205862 A2 20100714	WO2008EP63774 20081014; DE200710049592 20071015	SUZLON ENERGY GMBH [DE]	F03D7/02; F03D11/00	WIND ENERGY INSTALLATION WITH ENHANCED OVERVOLTAGE PROTECTION
EP2205863 A2 20100714	WO2008DE01655 20081007; DE200710048377 20071009	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/00; F16C35/077	BEARING ARRANGEMENT OF A ROTOR HUB FOR A WIND POWER PLANT, AND METHOD FOR MOUNTING THE SAME
EP2206915 A2 20100714	RU20080151669 20081225; GB20090003960 20090306	ALTENERGY LTD [GB]	F03D1/02; F03D1/04; F03D3/04	Wind generator

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2206916 A1 20100714	WO2009RU00002 20090113; RU20080103911 20080123	TSEPLYAEV OLEG NIKOLAEVICH [RU]; SHKRYOGALO ALEKSANDER GRIGORIE [RU]	F03D9/00; F03D1/04	AIR-VACUUM POWER PLANT
EP2206917 A2 20100714	DE200910004385 20090112	REPOWER SYSTEMS AG [DE]	F03D7/04	Method and device for monitoring a wind farm
EP2207957 A2 20100721	WO2008GR00044 20080528; GR20070100374 20070612; GR20080100363 20080528	PITTAS NICHOLAS [GR]	F03D9/02	AUTOMATIC WIND GENERATOR ARRANGEMENT FOR THE PRODUCTION OF CONTINUOUS ELECTRICAL POWER
EP2208885 A2 20100721	US20080333522 20081212	GEN ELECTRIC [US]	F03D1/06	Turbine blade and method of fabricating the same
EP2208886 A2 20100721	DE200910005516 20090120	REPOWER SYSTEMS AG [DE]	F03D7/02; F03D7/04	Reduction of engine strain of a wind energy assembly
EP2208888 A2 20100721	DK20080001603 20081118; US20080199649P 20081118	VESTAS WIND SYS AS [DK]	F03D11/00	A wind turbine with a refrigeration system and a method of providing cooling of a heat generating component in a nacelle for a wind turbine
EP2209205 A1 20100721	EP20080715905 20080221; DE200710017870 20070413	REPOWER SYSTEMS AG [DE]	H02P9/00; F03D7/02; F03D9/00; H02J3/18; H02J3/38; H02J9/06; H02P9/10	Method for operating a wind energy system in case of overvoltage in the grid
EP2209991 A2 20100728	WO2008EP09515 20081112; DE200710054215 20071112	REPOWER SYSTEMS AG [DE]	F03D7/02	WIND ENERGY INSTALLATION WITH A HEATING DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2211052 A2 20100728	US20090357159 20090121	GEN ELECTRIC [US]	F03D1/00; F03D11/00; F03D11/04	Wind Turbine Tower And Assembly Method Using Friction Forging
EP2211054 A2 20100728	US20090357793 20090122	GEN ELECTRIC [US]	F03D1/06; F03D11/00	Shaft for wind turbine generator and method for assembling wind turbine generator
EP2211055 A1 20100728	DK20090000097 20090122; US20090146912P 20090123	VESTAS WIND SYS AS [DK]	F03D7/02	Control of rotor during a stop process of a wind turbine
EP2212550 A1 20100804	WO2008IB01428 20080604; IT2007VA00075 20071008	WD LTD [SC]; MANTOVANI MARCO [CH]	F03D3/04; F03D3/06; F03D9/00	VERTICAL-AXIS WIND-POWERED ELECTRIC POWER GENERATOR WITH PHOTOVOLTAIC COGENERATION
EP2212551 A2 20100804	WO2008DK00375 20081024; DK20070001527 20071024	VESTAS WIND SYS AS [DK]	F03D9/00; F03D11/00	WIND TURBINE BLADE, WIND TURBINE AND METHOD FOR MANUFACTURING A WIND TURBINE BLADE
EP2212552 A1 20100804	WO2008EP64221 20081021; EP20070119225 20071024; EP20080841271 20081021	ECOTECNIA EN RENOVABLES S L [ES]	F03D11/02	METHOD FOR DETERMINING FATIGUE DAMAGE IN A POWER TRAIN OF A WIND TURBINE
EP2212553 A1 20100804	WO2008NO00412 20081119; NO20070005934 20071119	WINDSEA AS [NO]	F03D11/04	FLOATING WIND POWER APPARATUS
EP2213872 A1 20100804	WO2008JP03187 20081105; JP20070297107 20071115	UNIV KYUSHU NAT UNIV CORP [JP]	F03D1/04; F03D1/06	FLUID MACHINE UTILIZING UNSTEADY FLOW, WIND TURBINE, AND METHOD FOR INCREASING VELOCITY OF INTERNAL FLOW OF FLUID MACHINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2213873 A1 20100804	EP20090001337 20090130	SIEMENS AG [DE]	F03D7/02; F03D7/04; G01P13/02; G05B13/02	Estimating an effective wind direction for a wind turbine by means of a learning system
EP2213874 A2 20100804	DE200910006671 20090129	NORDEX ENERGY GMBH [DE]	F03D7/04; F03D9/00	Method for operating a wind farm
EP2213875 A1 20100804	EP20090001338 20090130	SIEMENS AG [DE]	F03D11/00	Method and arrangement to forecast an output-power of at least one wind-turbine
EP2213876 A1 20100804	EP20090001465 20090203	SIEMENS AG [DE]	F03D11/00	Tower, in particular for a wind turbine
EP2213877 A2 20100804	DK20090000146 20090130	VESTAS WIND SYS AS [DK]	F03D11/00	Wind turbine having a Nacelle with cooler top
EP2215354 A1 20100811	WO2008EP65339 20081112; DE200710057178 20071126; DE200710059165 20071206	WINDCOMP GMBH [DE]	F03D1/06; G01B11/16; G01B17/04; G01C3/06; G01M5/00; G01S17/08; G02B5/00	METHOD AND SYSTEM FOR MEASURING DEFLECTION OF A HOLLOW COMPONENT OF A WIND ENERGY SYSTEM FROM A NORMAL POSITION
EP2215355 A2 20100811	WO2008DE01988 20081201; DE200710005805 20071130	INNOVATIVE WINDPOWER AG [DE]	F03D7/04; F03D7/02	METHOD FOR REGULATING THE ELECTRICAL LOAD OF A WIND POWER SYSTEM
EP2215356 A2 20100811	WO2008EP66308 20081127; DK20070001685 20071128	VESTAS WIND SYS AS [DK]	F03D11/00	METHOD FOR DAMPING OSCILLATIONS IN A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2215357 A2 20100811	WO2008DK00369 20081021; DK20070001514 20071022; DK20070001856 20071221; US20070015799P 20071221	VESTAS WIND SYS AS [DK]	F03D11/00; F03D11/02; F16H57/08	EPICYCLIC GEAR STAGE FOR A WIND TURBINE GEARBOX, A WIND TURBINE GEARBOX AND A WIND TURBINE
EP2215462 A1 20100811	WO2008DE01975 20081124; DE200710059502 20071207	FRAUNHOFER GES FORSCHUNG [DE]	G01N25/72; F03D11/00	METHOD FOR TESTING A ROTOR BLADE OF A WIND POWER PLANT AND TEST DEVICE
EP2216545 A2 20100811	US20090366828 20090206	GEN ELECTRIC [US]	F03D1/06; F03D11/00	Permeable acoustic flap for wind turbine blades
EP2216546 A1 20100811	WO2008ES00228 20080411; ES20070002738 20071018	ACCIONA EN S A [ES]; INGETEAM ENERGY S A [ES]	F03D9/02; H01M8/06; H01M8/24; H02J3/38	PRODUCTION SYSTEM FOR ELECTRIC ENERGY AND HYDROGEN
EP2216547 A2 20100811	US20090355124 20090116	GEN ELECTRIC [US]	F03D11/00; F03D11/02	Compact geared drive train for wind turbine
EP2216548 A2 20100811	DE200910007623 20090205	REPOWER SYSTEMS AG [DE]	F03D11/00	Parametrization of a wind turbine
EP2216549 A2 20100811	US20090368429 20090210	GEN ELECTRIC [US]	F03D11/00; F03D7/00	Wind turbine noise control
EP2217803 A2 20100818	WO2008EP08754 20081016; DE200710059038 20071206	VOITH PATENT GMBH [DE]	F03B13/24; F03B13/06; F03D1/06	WELLS-TURBINE MIT PASSIVER ROTORBLATTVERSTELLUNG

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2217804 A2 20100818	WO2008IB55015 20081130; US20070991789P 20071203; US20070017816P 20071231; US20080028545P 20080214; US20080043138P 20080408; US20080058235P 20080603	FARB DANIEL [IL]	F03D7/02; H02K7/06; H02K7/07; H02K7/18	SYSTEMS FOR RECIPROCAL MOTION IN WAVE TURBINES
EP2217805 A2 20100818	WO2008EP10312 20081204; DE200710060958 20071214	REPOWER SYSTEMS AG [DE]	F03D7/02; F03D9/00	CONTROL DEVICE FOR WIND POWER SYSTEMS HAVING POWER FAILURE DETECTION
EP2217806 A1 20100818	WO2007US23681 20071109	MOOG INC [US]	F03D7/02	ELECTRO-HYDRAULIC ACTUATOR FOR CONTROLLING THE PITCH OF A BLADE OF A WIND TURBINE
EP2217807 A1 20100818	WO2008NO00381 20081029; NO20070005469 20071030; US20070000910P 20071030	CHAPDRIVE AS [NO]	F03D11/02	WIND TURBINE WITH HYDRAULIC SWIVEL
EP2217973 A1 20100818	WO2008EP08658 20081013; DE200710050644 20071023	REPOWER SYSTEMS AG [DE]	G05B19/042; F03D7/04	ARRANGEMENT AND METHOD FOR OPERATING A WIND POWER PLANT OR WIND FARM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2218909 A2 20100818	DE200910009327 20090217	SCHWIEGER HARTWIG [DE]; WICHMANN TORSTEN [DE]; PIPER ERIK JOHN WILLIAM [DE]	F03D1/00; F03D9/00; F03D11/00; F03D11/02; F03D11/04	Wind power assembly
EP2218911 A1 20100818	EP20090152734 20090212	DEEN POLYESTER CONSTRUCTIES B [NL]	F03D11/00	Housing with a special connection assembly as well as a method for manufacturing such a housing.
EP2219986 A1 20100825	WO2008DK00425 20081201; DK20070001708 20071129	VESTAS WIND SYS AS [DK]	B66C1/62; F03D1/00; F03D11/04	METHOD FOR ESTABLISHING A WIND TURBINE ON A SITE, TRANSPORT OF A WIND TURBINE TOWER, WIND TURBINE TOWER AND VESSEL SUITABLE FOR TRANSPORTING A WIND TURBINE TOWER
EP2220363 A1 20100825	WO2008AU01704 20081114; AU20070906277 20071116; AU20070906280 20071116; AU20080904025 20080806	ELEMENTAL ENERGY TECHNOLOGIES [AU]	F03B3/10; F03B3/04; F03B13/10; F03B13/26; F03D1/00; F03D11/04	A POWER GENERATOR
EP2220364 A1 20100825	WO2008US12584 20081106; US20070001999P 20071106	FLEXSYS INC [US]	F03B3/12; F03B7/00; F03D11/02	ACTIVE CONTROL SURFACES FOR WIND TURBINE BLADES
EP2220365 A1 20100825	WO2008US11016 20080923	FLODESIGN WIND TURBINE CORP [US]	F03D1/04	WIND TURBINE WITH MIXERS AND EJECTORS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2220366 A2 20100825	WO2008IB54316 20081020; IT2007NA00103 20071018	CAPUTI ORESTE [IT]	F03D3/00; F03D3/06; F03D11/04	CROSSED FLOW TURBINE
EP2220367 A1 20100825	WO2008EP09803 20081120; CH20070001807 20071122	WALDSTEIN GREGOR [AT]	F03D9/02; B01D53/62; C01B3/00; C07C29/151; C10J3/68; C25B3/04	MODULAR POWER PLANT UNCONNECTED TO THE GRID
EP2220369 A1 20100825	WO2008NO00392 20081107; NO20070005826 20071113; US20070996354P 20071113	CHAPDRIVE AS [NO]	F03D11/02; F03D11/04	WIND TURBINE WITH ROTATING HYDROSTATIC TRANSMISSION SYSTEM
EP2220426 A1 20100825	WO2008EP09209 20081031; DE200710052670 20071105; DE200810020587 20080424	ZUMTOBEL LIGHTING GMBH [DE]	F21S9/04; F03D1/04; F03D9/00; F03G7/04; F21S8/08; F24J2/54; H02J7/35	LAMP USING UPDRAFT FOR ENERGY SUPPLY
EP2221472 A2 20100825	EP20080784959 20080722; DE200710034618 20070725	HAMANN GEORG [DE]	F03B17/06; F03D1/02	Device for the production of energy from a fluid flow
EP2221474 A1 20100825	EP20090153330 20090220	XEMC DARWIND B V [NL]	F03D1/00; B63B1/00; F03D11/04	Offshore wind park
EP2221475 A2 20100825	DE200910010584 20090220	NORDEX ENERGY GMBH [DE]	F03D1/00	Device for positioning of a transmission in a wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2222453 A1 20100901	WO2008DK50265 20081028; DK20070001839 20071220; US20070009054P 20071220	VESTAS WIND SYS AS [DK]	B29C70/44; B32B5/26; B32B5/28; B32B27/04; F03D1/06	A METHOD OF MANUFACTURING A COMPOSITE PART FROM RESIN-PREIMPREGNATED FIBRES
EP2222955 A2 20100901	WO2008DK00380 20081029; DK20070001545 20071029	VESTAS WIND SYS AS [DK]	F03D7/02	WIND TURBINE BLADE AND METHOD FOR CONTROLLING THE LOAD ON A BLADE
EP2222956 A1 20100901	WO2008US83145 20081111; US20070938318 20071112; US20080106571P 20081018	OCEANWIND TECHNOLOGY LLC [US]	F03D9/00	POWER GENERATION ASSEMBLIES
EP2223048 A1 20100901	WO2007SG00427 20071211	VESTAS WIND SYS AS [DK]	G01D1/02; F03D11/00; G05B23/02	SYSTEM AND METHOD FOR DETECTING PERFORMANCE
EP2224062 A2 20100901	DK20090000269 20090226	VESTAS WIND SYS AS [DK]	E02D27/42; F03D1/00	A foundation for a wind turbine and a method of making a foundation for a wind turbine
EP2224127 A2 20100901	US20090389699 20090220	GEN ELECTRIC [US]	F03D1/06	Improved spar cap for wind turbine blades
EP2224128 A2 20100901	DE200910010671 20090227	SCHWIEGER HARTWIG [DE]; WICHMANN TORSTEN [DE]; PIPER ERIK JOHN WILLIAM [DE]	F03D7/02	Wind power plant with braking system

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2224129 A2 20100901	ES20090000551 20090227	ACCIONA WINDPOWER S A [ES]	F03D7/04	Wind turbine control method to dampen vibrations
EP2224130 A2 20100901	DK20090000276 20090227; US20090156111P 20090227	VESTAS WIND SYS AS [DK]	F03D9/02; F03D11/00	A wind turbine and method for cooling a heat generating component of a wind turbine
EP2225458 A2 20100908	WO2008DK00398 20081112; DK20070001623 20071114	VESTAS WIND SYS AS [DK]	F03D1/06	WIND TURBINE BLADE AND METHOD FOR MANUFACTURING A WIND TURBINE BLADE
EP2225460 A2 20100908	WO2008DK00395 20081107; EP20070120177 20071107; US20070990858P 20071128; EP20080847602 20081107	VESTAS WIND SYS AS [DK]	F03D7/02; F03D7/04	DIAGNOSIS OF PITCH AND LOAD DEFECTS
EP2225461 A1 20100908	WO2008EP10225 20081203; DE200710063082 20071221	REPOWER SYSTEMS AG [DE]	F03D7/04; F03D7/02	METHOD FOR OPERATING A WIND ENERGY SYSTEM
EP2225815 A2 20100908	WO2008FR52134 20081127; FR20070059357 20071128	DDIS S A S [FR]	H02K1/24; F03D11/00; F16C32/06; H02K7/08	AXIAL FLOW ELECTRIC ROTARY MACHINE
EP2226186 A1 20100908	EP20090154539 20090306	LM GLASFIBER AS [DK]	B29C70/38	Method and manufacturing line for manufacturing wind turbine blades
EP2226496 A2 20100908	DE200910011478 20090306	REPOWER SYSTEMS AG [DE]	F03D1/00; F03D11/00	Handling device for rotor blade bearing

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2226497 A1 20100908	EP20090154511 20090306	LM GLASFIBER AS [DK]	F03D1/06; F03D11/00	Wind turbine blade with a lightning protection system
EP2226498 A1 20100908	WO2007CN03442 20071204; CN20071190673 20071128	CAI XINYI [CN]	F03D3/06	A CONSTANT DIRECTION FOUR QUADRANT LIFT TYPE VERTICAL SHAFT WIND POWER GENERATOR
EP2226499 A2 20100908	DE200910011425 20090303	NORDEX ENERGY GMBH [DE]	F03D7/02; F03D7/04	Method for operating a wind energy system and wind energy system for executing the method
EP2226500 A2 20100908	DE200910011053 20090302	BTC BUSINESS TECHNOLOGY CONSUL [DE]	F03D9/00; H02J3/18	Wind farm regulator
EP2226501 A2 20100908	DE200510028686 20050621; EP20060012772 20060621	REPOWER SYSTEMS AG [DE]	F03D9/00; F03D7/04	Method and arrangement for measuring of a wind energy plant
EP2227632 A2 20100915	WO2008EP66139 20081125; EP20070121682 20071127; EP20080854284 20081125	WIND EN WATER TECHNOLOGIE HOLD [NL]	F03D1/00; F03D11/04	TOWER FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2227633 A2 20100915	WO2008DK50328 20081219; DK20070001840 20071220; US20070009053P 20071220; DK20070001860 20071221; US20070008701P 20071221	VESTAS WIND SYS AS [DK]	F03D11/00	LIGHTNING RECEPTORS COMPRISING CARBON NANOTUBES
EP2227643 A1 20100915	WO2009FI50001 20090102; FI20080005006 20080103	MOVENTAS OY [FI]	F16H1/28; F03D11/02; F16H57/08	ARRANGEMENT IN A PLANETARY GEARING AND A PLANETARY GEAR
EP2227856 A1 20100915	WO2008EP67694 20081217; US20070009596P 20071228; DK20080000284 20080228	VESTAS WIND SYS AS [DK]	H02P9/00; F03D9/00; G01R21/127; H02J3/18; H02J3/42; H02P9/26	APPARATUS AND METHOD FOR CONTROLLING THE REACTIVE POWER FROM A CLUSTER OF WIND TURBINES CONNECTED TO A UTILITY GRID
EP2228533 A2 20100915	DE200910011915 20090310	REPOWER SYSTEMS AG [DE]	F03D1/00	Method and assembly for transporting components of a wind energy system and assembly platform
EP2228534 A1 20100915	WO2008ES70204 20081110; ES20070003158 20071128	GAMESA INNOVATION & TECH SL [ES]; JIMENEZ DE LAGO MARIO [ES]	F03D1/06	AERODYNAMIC PROFILE FOR THE ROOT OF A WIND TURBINE BLADE HAVING A DOUBLE LEADING EDGE
EP2228535 A2 20100915	CH20090000390 20090310	FARJON KOLJA [CH]	F03D3/06; F03D9/00	Wind or water wheel
EP2228897 A1 20100915	EP20090154927 20090311	POWER LTD C [GB]	H02P9/10; F03D9/00; H02P9/48	Generator power conditioning

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2229529 A2 20100922	WO2008US86295 20081210; US20070012759P 20071210	SQUARED WIND INC V [US]	F03D1/02; F03D1/00; F03D11/04	MODULAR ARRAY FLUID FLOW ENERGY CONVERSION FACILITY
EP2229530 A2 20100922	WO2008GB03988 20081201; GB20070023620 20071203	MECHANICAL LINKAGE SOLUTIONS S [ES]	F03D7/02	COMPENSATION SYSTEM FOR A ROTOR
EP2230401 A2 20100922	US20090406986 20090319	GEN ELECTRIC [US]	F03D1/00	Method and system to repair pitch control components of a wind turbine
EP2230403 A1 20100922	EP20090003966 20090319	HITACHI ENG SERVICE [JP]	F03D9/02	Wind power generation system of a type provided with power storage system
EP2231469 A2 20100929	WO2008DK00447 20081222; DK20070001865 20071221; US20070015812P 20071221	VESTAS WIND SYS AS [DK]	B63B9/06; F03D1/00	METHOD FOR INSTALLING AN OFFSHORE WIND TURBINE AND A BARGE SYSTEM
EP2232061 A1 20100929	WO2008SE00735 20081219; SE20070002889 20071227; SE20080001430 20080618	GEHRKE JAN [SE]	F03D3/06	WIND TURBINE COMPRISING MEANS TO ALTER THE SIZE OF THE SURFACE OF THE BLADES
EP2232062 A2 20100929	WO2008DK00421 20081127; DK20070001719 20071130	VESTAS WIND SYS AS [DK]	F03D7/00; F03D7/02	A WIND TURBINE, A METHOD FOR CONTROLLING A WIND TURBINE AND USE THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2232063 A2 20100929	WO2008DK00420 20081127; DK20070001713 20071130	VESTAS WIND SYS AS [DK]	F03D7/02	A WIND TURBINE, A METHOD FOR CONTROLLING A WIND TURBINE AND USE THEREOF
EP2232064 A1 20100929	WO2008SE51541 20081219; SE20070002854 20071220	LILJEHOLM KONSULT AB [SE]	F03D7/06; F03D3/06	PITCH CONTROL ARRANGEMENT FOR WIND TURBINE
EP2232065 A1 20100929	WO2009EP00398 20090122; EP20080150566 20080123; EP20090704693 20090122	FLEXENCLOSURE AB [SE]	F03D9/02; F03D9/00; H01M10/50; H05K7/20	METHOD AND DEVICE FOR CONTROLLING OPERATION OF A POWER SUPPLY SYSTEM
EP2232066 A2 20100929	WO2009NL50011 20090115; NL20082001190 20080116	LAGERWEY WIND BV [NL]	F03D11/00; F03D9/00	GENERATOR FOR DIRECT DRIVE WIND TURBINE
EP2232103 A2 20100929	WO2008IT00699 20081110; IT2007TO00833 20071121	VERGNANO GIOVANNI [IT]	F16H55/36; F03D11/02	POWER TRANSMITTING SYSTEM THROUGH CABLES FOR AIRBORNE WIND-TYPE POWER GENERATION AND SAIL WINCH-DRIVING APPLICATIONS
EP2232104 A1 20100929	WO2008US77855 20080926; US20070947907 20071130	GEN ELECTRIC [US]	F16H57/04; F03D11/02; F16H55/17	TEXTURED SURFACES FOR GEARS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2232667 A1 20100929	WO2008SE00741 20081222; SE20070002878 20071221; SE20080000291 20080208	2 B ENERGY HOLDING B V [NL]	H02J3/38; F03D7/02; F03D7/04; F03D9/00; H02J9/00	METHOD, SYSTEM AND DEVICE FOR CONTROLLING WIND POWER PLANTS
EP2232697 A1 20100929	WO2008DK00408 20081118; DK20070001786 20071214; US20070014374P 20071217	VESTAS WIND SYS AS [DK]	H02P9/04; F03D7/02	LIFETIME OPTIMIZATION OF A WIND TURBINE GENERATOR BY CONTROLLING THE GENERATOR TEMPERATURE
EP2233736 A2 20100929	ES20090000783 20090323	ACCIONA WINDPOWER S A [ES]	F03D7/02; F03D7/04	Control method of a wind turbine and wind trubine
EP2233737 A1 20100929	WO2008ES00722 20081119; ES20070003055 20071120	ACCIONA WINDPOWER S A [ES]	F03D7/04; F03D11/00; G06F13/37; H02J3/38; H04L12/407	WIND FARM
EP2233738 A1 20100929	WO2008RU00807 20081229	KIKNADZE GENNADY IRAKLIEVICH [RU]	F03D9/00; F01D5/00; F01D9/00; F24J2/22	CONVERTER AND AN ENERGY CONVERSION METHOD, A TORQUE FLOW PUMP AND A TURBINE
EP2235363 A1 20101006	WO2008US88274 20081224; US20070004632 20071224	CLARK PHILIP G [US]	F03D1/00; F03D1/02; F03D1/06; F03D9/00; F03D11/00	WIND TURBINE BLADE AND ASSEMBLY
EP2235364 A1 20101006	WO2007US88925 20071227	GEN ELECTRIC [US]	F03D1/06	FLEXIBLE WIND BLADE ROOT BULKHEAD FLANGE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2235366 A2 20101006	WO2008EP10938 20081219; DK20070001845 20071221	VESTAS WIND SYS AS [DK]	F03D7/02; F03D1/06	ACTIVE FLOW CONTROL DEVICE AND METHOD FOR AFFECTING A FLUID BOUNDARY LAYER OF A WIND TURBINE BLADE
EP2236815 A2 20101006	DE200910014427 20090326	AREVA ENERGIETECHNIK GMBH [DE]	F03D1/00; F03D11/04	Sea-based electrical transformer, in particular for a wind power system
EP2236816 A2 20101006	DE200910015669 20090331	EA ENERGIEARCHITEKTUR GMBH [DE]	F03D1/04	Small wind power assembly
EP2236817 A2 20101006	US20090417147 20090402	GEN ELECTRIC [US]	F03D1/06	Braided wind turbine blades and method of making same
EP2236819 A1 20101006	WO2008JP51602 20080125	NOGUCHI TSUNEO [JP]	F03D3/06	VERTICAL AXIS WIND TURBINE
EP2236820 A2 20101006	ES20090000729 20090317	ACCIONA WINDPOWER S A [ES]	F03D7/04; F03D9/00	Voltage control method and system for a power generation plant and wind farm
EP2236821 A1 20101006	EP20090157298 20090403	XEMC DARWIND B V [NL]	F03D9/00	Wind farm island operation
EP2236822 A1 20101006	EP20090450070 20090401	HERMELING WERNER [AT]	F03D9/02; F01K25/10	On-demand method for regulating and smoothing the electric output of an energy convertor and device for carrying out this method
EP2236823 A1 20101006	WO2008ES70203 20081110; ES20070003032 20071116	GAMESA INNOVATION & TECH SL [ES]	F03D11/02; F16H1/46; F16H57/02	POWER TRANSMISSION WITH HIGH GEAR RATIO, INTENDED FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2238344 A2 20101013	WO2009DK00008 20090113; EP20080000537 20080114; EP20090702856 20090113	LM GLASFIBER AS [DK]	F03D1/06	WIND TURBINE BLADE AND HUB ASSEMBLY
EP2238345 A2 20101013	WO2008DK50320 20081218; DK20070001859 20071221; US20070015832P 20071221	VESTAS WIND SYS AS [DK]	F03D11/00	A WIND TURBINE GENERATOR WITH A HEAT EXCHANGER
EP2238346 A2 20101013	WO2008DK00441 20081219; DK20070001842 20071220; US20070015466P 20071220	VESTAS WIND SYS AS [DK]	F03D11/02; F16H1/28	EPICYCLIC GEAR STAGE FOR A WIND TURBINE GEARBOX, A WIND TURBINE GEARBOX AND A WIND TURBINE
EP2238347 A2 20101013	WO2008DK00435 20081216; DK20070001857 20071221; US20070015836P 20071221	VESTAS WIND SYS AS [DK]	F03D11/04	A WIND TURBINE, A METHOD FOR REDUCING NOISE EMISSION FROM A WIND TURBINE TOWER AND USE OF A WIND TURBINE
EP2238665 A2 20101013	WO2009EP50952 20090128; DE200810007448 20080201	WOODWARD SEG GMBH & CO KG [DE]	H02J3/46; F03D9/00	METHOD FOR OPERATING A WIND TURBINE
EP2239376 A2 20101013	DE200910016893 20090408	NORDEX ENERGY GMBH [DE]	E02D27/42; F03D1/00; F03D11/04	Anchoring component for a wind farm tower

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2239459 A2 20101013	DK20090000444 20090401; US20090165704P 20090401; CN20091141907 20090401	VESTAS WIND SYS AS [DK]	F03D1/00	Transport system for transportation of a spar
EP2239460 A2 20101013	US20090415105 20090331	GEN ELECTRIC [US]	F03D1/06	Retrofit sleeve for wind turbine blade
EP2239461 A2 20101013	US20080332729 20081211	GEN ELECTRIC [US]	F03D1/06; F03D11/00	Sparcap system for wind turbine rotor blade and method of fabricating wind turbine rotor blade
EP2240687 A2 20101020	WO2008PL00078 20081105; PL20080384416 20080208	ANEW INST SP Z O O [PL]	F03D3/06	WIND TURBINE ROTOR WITH THE THE VERTICAL ROTATION AXIS
EP2240688 A2 20101020	WO2009US30086 20090105; US20080012503 20080201	WINDSIDE AMERICA [FI]	F03D5/00; F03D11/00	FLUID ROTOR
EP2241737 A1 20101020	EP20090157835 20090414	ABB RESEARCH LTD [CH]	F02C6/14; F02C1/10; F02C6/18; F03D9/02; F03G7/04	Thermoelectric energy storage system having two thermal baths and method for storing thermoelectric energy
EP2241750 A1 20101020	EP20090005431 20090416	COMMERCON SIMON [DE]	F03D3/04	Wind deflector
EP2242925 A2 20101027	WO2008EP67917 20081218; DK20070001850 20071221; US20070015737P 20071221	VESTAS WIND SYS AS [DK]	F03D11/02	A DRIVE TRAIN FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2243926 A1 20101027	US20090426316 20090420	HAMILTON SUNDSTRAND CORP [US]	F01D5/02; B64D41/00; F03D7/02	Balancing a ram air turbine
EP2243953 A2 20101027	US20080271420 20081114	GEN ELECTRIC [US]	F03D1/06	Turbine blade fabrication
EP2243954 A2 20101027	DE200820016578U 20081215	LIEBHERR WERK EHINGEN [DE]	F03D11/00; F03D1/00	Manipulator for fitting rotor blades of a wind power system
EP2243955 A2 20101027	ES20090001053 20090422	GAMESA INNOVATION & TECH SL [ES]	F03D11/00	Lightning protection system for sectional wind turbine blades
EP2244348 A2 20101027	DE200910017939 20090417	NORDEX ENERGY GMBH [DE]	H02J3/38; F03D9/00	Wind farm with multiple wind energy assemblies and method for regulating the feed-in from a wind farm
EP2244372 A2 20101027	EP20030704240 20030123; DE20021003468 20020129; DE20021006828 20020218	VESTAS WIND SYS AS [DK]	F03D7/04; H02P9/10; F03D9/00; H02P9/00	Switching device for a wind power plant
EP2245304 A2 20101103	WO2008DK50327 20081219; DK20070001863 20071221; US20070015979P 20071221	VESTAS WIND SYS AS [DK]	F03D1/00; B66C23/20; E04H12/34	A METHOD FOR HANDLING AND/OR SERVICING COMPONENTS OF A WIND TURBINE AND A GRIPPING APPARATUS FOR PERFORMING THE METHOD
EP2245313 A1 20101103	WO2008SE00738 20081219; SE20080000187 20080125	SKF AB [SE]	F04D29/36; B63H3/00; B64C11/32; F03D7/02	DEVICE FOR CHANGING A PITCH OF A BLADE OF AN IMPELLER/PROPELLER AND A FAN COMPRISING THE DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2246559 A2 20101103	US20090433007 20090430	GEN ELECTRIC [US]	F03D7/02	Wind turbine blade with integrated stall sensor and associated method of detecting stall of a wind turbine blade
EP2246563 A2 20101103	US20090433020 20090430	GEN ELECTRIC [US]	F03D11/00; F03D7/04	Method for enhancement of a wind plant layout with multiple wind turbines
EP2247677 A1 20101110	US20080032529P 20080229; US20090391463 20090224; WO2009US35041 20090225	PPG IND OHIO INC [US]	C09D127/12; C09D163/00; C09D175/02; C09D175/04; F03D1/00	COMPOSITES COMPRISING A MULTI-LAYER COATING SYSTEM
EP2247851 A1 20101110	US20080006979P 20080208; WO2009US32950 20090203	TECHNOLOGY SERVICE CORP [US]	F03D7/04	SYSTEMS AND METHODS FOR MITIGATING THE EFFECTS OF WIND TURBINES ON RADAR
EP2247853 A2 20101110	WO2009DE00099 20090128; DE200810006766 20080130; DE200810012664 20080305; DE200810037768 20080814	REPOWER SYSTEMS AG [DE]	F03D11/00	WIND TURBINE TOWER OR A SEGMENT OF A WIND TURBINE TOWER WITH A DOOR HAVING A DOOR FRAME
EP2247854 A2 20101110	NO20080000229 20080114; WO2009NO00008 20090108	ANGLE WIND AS [NO]	F03D11/02	WIND TURBINE DEVICE
EP2249028 A2 20101110	DE200910019413 20090429; CH20090000696 20090504	KONSUMIG GMBH [DE]	F03D3/00	Fluid flow power plant

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2249031 A2 20101110	US20090435132 20090504	GEN ELECTRIC [US]	F03D11/00; F03D1/00	Apparatus and method for transporting and aligning wind turbine rotor blades
EP2250116 A1 20101117	WO2008IB50909 20080313	TECSIS TECNOLOGIA E SIST S AVA [BR]	B66C1/62; F03D1/06	METHOD AND APPARATUS FOR HANDLING AEROGENERATOR BLADES
EP2250356 A1 20101117	EP20080004589 20080312; EP20090718910 20090305; WO2009EP52604 20090305	SIEMENS AG [DE]	F02C1/05; F01K3/18; F03D9/02	STORAGE OF ELECTRICAL ENERGY WITH THERMAL STORAGE AND RETURN THROUGH A THERMODYNAMIC CYCLE
EP2250370 A2 20101117	WO2009EP01267 20090223; DE200810012956 20080306	REPOWER SYSTEMS AG [DE]	F03D7/02	BLADE ANGLE VARIATION RATE THRESHOLD VALUE ADJUSTMENT
EP2250371 A2 20101117	DE200810013728 20080311; WO2008EP65056 20081106	KENERSYS GMBH [DE]	F03D9/00; F03D11/00	WIND TURBINE FOR GENERATING ELECTRIC POWER
EP2250403 A1 20101117	WO2009FR50218 20090211; FR20080050849 20080211	S4 ENERGY B V [NL]	F16H37/08; F03D11/02; F16H3/72; F16H37/10; F16H59/40; F16H61/00	TRANSMISSION DEVICE FOR A MACHINE FOR PRODUCING ELECTRICITY FROM A VARIABLE SPEED MOTIVE SOURCE, UNIT FOR PRODUCING ELECTRICITY AND WIND MACHINE BOTH SO EQUIPPED, AND METHOD OF ADJUSTING A TRANSMISSION RATIO
EP2251543 A1 20101117	EP20090160250 20090514	ECOTECNIA EN RENOVABLES S L [ES]	F03D7/02	Method and system for predicting the occurrence of a wind gust at a wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2252769 A2 20101124	WO2009IB50577 20090212; US20080028545P 20080214	FARB DANIEL [IL]	F01D1/02; F03B1/04; F03B3/16; F03D1/04; F03D3/04; F04D29/44; F04D29/54	MOVING VERTICAL AXIS TURBINE FOIL
EP2252792 A2 20101124	WO2009HU00011 20090203; HU20080000069 20080204	HAVAS GABOR [HU]	F03D3/00	CONE-SHAPED WIND TURBINE WITH LIFTING MECHANISM AND GRADUALLY DE-/ATTACHABLE GENERATORS
EP2252793 A1 20101124	FI20080005131 20080214; WO2009FI50102 20090210	RAUTARUUKKI OYJ [FI]	F03D11/00; F16B9/02; F16L23/02	METHOD AND BLANK FOR MANUFACTURING PRODUCT, AND PRODUCT
EP2253781 A1 20101124	EP20090160871 20090521	ECOTECNIA EN RENOVABLES S L [ES]	E04H12/08; F03D11/04	Composite connection for a wind turbine tower structure
EP2253782 A1 20101124	EP20090380102 20090519	PACADAR S A [ES]	E04H12/12; E04H12/16; F03D11/04	Support structure for a wind turbine and procedure to erect the support structure
EP2253834 A1 20101124	EP20090160477 20090518	LM GLASFIBER AS [DK]	F03D1/06	Wind turbine blade with base part having inherent non-ideal twist
EP2253835 A1 20101124	EP20090160479 20090518	LM GLASFIBER AS [DK]	F03D1/06	Wind turbine blade with base part having non-positive camber
EP2253836 A1 20101124	EP20090160493 20090518	LM GLASFIBER AS [DK]	F03D1/06	Wind turbine blade
EP2253837 A1 20101124	EP20090160496 20090518	LM GLASFIBER AS [DK]	F03D1/06	Method of manufacturing a wind turbine blade having predesigned segment
EP2253838 A1 20101124	EP20090160498 20090518	LM GLASFIBER AS [DK]	F03D1/06; F03D7/02	A method of operating a wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2253839 A1 20101124	EP20090160501 20090518	LM GLASFIBER AS [DK]	F03D1/06	Wind turbine blade provided with flow altering devices
EP2253840 A1 20101124	IT2009MC00122 20090520	MAIT SPA [IT]	F03D1/06; F03D7/02	Wind turbine and blade pitch adjusting device
EP2253841 A2 20101124	JP20090124132 20090522	FUJI HEAVY IND LTD [JP]	F03D7/02	Horizontal axis wind turbine
EP2253842 A1 20101124	EP20090159996 20090512	ARESCO SA [CH]	F03D7/04; F03D9/00	Wind turbine
EP2255087 A2 20101201	WO2009IB50578 20090212; US20080028545P 20080214; US20080043138P 20080408; US20080058235P 20080603; US20080089914P 20080819	FARB DANIEL [IL]	F03D9/00	FLOW DEFLECTION DEVICE CONSTRUCTION
EP2255088 A1 20101201	WO2008EP02265 20080320	POWERWIND GMBH [DE]	F03D11/00; H02K9/00	WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE
EP2256079 A1 20101201	BE20090000330 20090528	GEOSEA NV [BE]	B66C23/52; B66C23/34; F03D1/00; F03D11/04	Device for assembling a large structure at sea
EP2256338 A1 20101201	EP20080019186 20081103	SIEMENS AG [DE]	F03D1/00	Foundation particularly for a wind turbine and wind turbine
EP2256341 A1 20101201	ES20080000142 20080122; WO2009ES00023 20090119	ACCIONA WINDPOWER S A [ES]	F03D7/02; H02J3/18; H02P9/00	SYSTEM AND METHOD FOR CONTROLLING A WIND FARM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2256342 A1 20101201	EP20090007124 20090528	NORDEX ENERGY GMBH [DE]	F03D7/02	Method for emergency braking of a wind energy plant and wind energy plant with a rotor blade adjustment for emergency braking
EP2258941 A1 20101208	EP20090162023 20090605	LEE JIA-YUAN [TW]	F03D1/00; F03D7/02	Wind turbine
EP2258943 A2 20101208	EP20040723988 20040329; DE20031019246 20030428	WOBBEN ALOYS [DE]	F03D1/06	Wind turbine blade profile
EP2258945 A2 20101208	EP20040104295 20020422; EP20020740489 20020422; DE20011020212 20010424; DE20011036974 20010728	WOBBEN ALOYS [DE]	F03D7/04; F03D9/00; H02J3/32; H02J3/38; H02J3/42; H02P9/00	Method for operating a wind energy plant
EP2259405 A2 20101208	EP20060123062 20010630; EP20010962807 20010630; DE20001033029 20000707	WOBBEN ALOYS [DE]	F03D9/02; H02J7/32; F03D7/04; H02J9/06	Emergency power system
EP2260205 A2 20101215	WO2009US35163 20090225; US20080031317P 20080225	BROADSTAR DEVELOPMENTS LP [US]	F03D3/06; F03D7/02	WIND DRIVEN POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2260206 A2 20101215	WO2009DE00342 20090310; DE200810013926 20080312	VENSYS ENERGY AG [DE]	F03D7/02	DEVICE FOR ADJUSTING THE ANGLE OF ATTACK OF A ROTOR BLADE OF A WIND POWER PLANT
EP2260207 A1 20101215	WO2009EP52363 20090227; EP20080102156 20080229; EP20090714228 20090227	XEMC DARWIND B V [NL]	F03D11/00	WINDTURBINE COMPRISING A BEARING SEAL
EP2260208 A2 20101215	WO2009EP01275 20090223; IE20080000134 20080222; IE20080000192 20080313	NEW WORLD ENERGY ENTPR LTD [IE]	F03D11/00; F03G7/10	WIND TURBINE
EP2261080 A1 20101215	EP20090007526 20090608	BARD HOLDING GMBH [DE]	B60P3/40; F03D1/00	Self-propelled heavy-load module transport vehicle for lifting and upright transporting of a tower of a wind energy assembly
EP2261503 A1 20101215	EP20090162635 20090612	ARESCO SA [CH]	F03D9/00; F03D9/02	Wind turbine
EP2263003 A2 20101222	WO2008US11015 20080923; US20080054050 20080324	FLODESIGN WIND TURBINE CORP [US]	F03D1/04	WIND TURBINE WITH MIXERS AND EJECTORS
EP2263004 A2 20101222	WO2009EP51968 20090219; DK20080000342 20080307; US20080034662P 20080307	VESTAS WIND SYS AS [DK]	F03D7/04	A CONTROL SYSTEM AND A METHOD FOR REDUNDANT CONTROL OF A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2263021 A1 20101222	WO2009EP02320 20090331; EP20080006773 20080403; EP20090727394 20090331	MITSCH FRANZ [DE]	F16F1/387; F03D11/04	ELASTOMER COMPONENTS THAT CAN BE PRESTRESSED BY PRESSURE MEANS AND METHOD FOR THE PRODUCTION THEREOF
EP2263022 A1 20101222	NO20080001857 20080417; WO2009NO00135 20090403	ANGLE WIND AS [NO]	F16H1/32; F03D11/02; F16H1/28; F16H49/00	HARMONIC GEAR DEVICE
EP2263126 A1 20101222	WO2009EP52662 20090306; DK20080000341 20080307; US20080034521P 20080307	VESTAS WIND SYS AS [DK]	G05B9/03; F03D7/04	A CONTROL SYSTEM AND A METHOD FOR CONTROLLING A WIND TURBINE
EP2265815 A1 20101229	WO2008IB01040 20080425	KALININA LIUDMILA BORISOVNA [RU]; KRIULIN JURY VALENTINOVICH [RU]; KALININ VSEVOLOD DMITRIEVICH [RU]	F03D1/02; F03D11/04	WIND TURBINE MOUNTED ON CAR
EP2265816 A2 20101229	WO2008DE01246 20080728; DE200710035570 20070726	UNIV KASSEL [DE]	F03D9/00; H02P9/00	DOUBLE-FED ASYNCHRONOUS GENERATOR AND METHOD FOR ITS OPERATION
EP2265817 A2 20101229	WO2009US38099 20090324; US20080039003P 20080324	NORDIC WINDPOWER LTD [GB]	F03D11/00; F03D1/00; F03D11/02	TURBINE AND SYSTEM FOR GENERATING POWER FROM FLUID FLOW AND METHOD THEREFOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2266871 A1 20101229	EP20040725295 20040402; DK20030000515 20030404	LOGIMA V SVEND ERIK HANSEN [DK]	B63B27/00; B63B25/00; B63B35/00; E02B17/02; F03D1/00; F03D11/00	A wind turbine with a wind turbine base, and methods of transferring or moving a wind turbine
EP2267297 A2 20101229	JP20090149812 20090624	FUJI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	Floating offshore wind turbine
EP2267299 A1 20101229	WO2009CN00229 20090304; CN20081020389 20080304; CN20091028373 20090122	NANJING YUNENG INSTR CO LTD [CN]	F03D3/02; F03D11/04; F16C32/04	A WIND POWER GENERATING SYSTEM
ES1072440U U 20100713	ES20100000426U 20100504	CARDONA LABARGA CARLOS FERNANDO [ES]; VALLES GUIU JOSE; CABELLOS VELASCO MARIANO	F03D3/00	AEROGENERADOR DE DOBLE EFECTO
ES1072867U U 20100930	ES20100000702U 20100701	INVESTIGACION AMBIENTAL S L SO [ES]	F03D3/00	TORRE EOLICA MULTIPLE
ES1072896U U 20101005	ES20100000300U 20100329	MALDONADO TRIGUERO VICTOR [ES]	F03D1/00	AEROGENERADOR HIBRIDO AYUDADO POR MOTOR EXTERNO
ES1072966U U 20101014	ES20100030659U 20100624	RUIZ CACHO RUBEN [ES]	F03D11/00	DISPOSITIVO PARA MONTAJE DE LAS FUNDAS DE INMOVILIZACION DE PALAS DE AEROGENERADORES
ES1073055U U 20101021	ES20100030686U 20090127	UNIV MADRID POLITECNICA [ES]	F03D7/02; F03D1/06	PALA PARA AEROGENERADORES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
ES1073193U U 20101104	ES20100030870U 20100819	EVOLUCIONES TECNOLOGICAS DEL M [ES]	F03D5/00	DISPOSITIVO GENERADOR DE ENERGIA ELECTRICA
ES1073378U U 20101207	ES20100000274U 20100322	SBUELZ PAOLO [ES]	F03D11/00	UNIDAD EOLICO Y/O EOLICO-FOTOVOLTAICA DE EJE VERTICAL
ES1073535U U 20101223	ES20100001053U 20101019	VELASCO Y FERNANDEZ DE MONTOYA [ES]	F25D1/02	DISPOSITIVO REFRIGERADOR PARA MULTIPICADORAS DE AEROGENERADORES
ES2342243 A1 20100702	ES20070001155 20070423	SABATER TALO ESTEBAN [ES]	F03D11/04	GENERADOR EOLICO SUBTERRANEO.
ES2342638 A1 20100709	ES20070000527 20070228	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	UNA PALA DE AEROGENERADOR MULTI-PANEL
ES2342762 A1 20100713	ES20100030098 20100127	E3 EFICACIA ENERGETICA EOLICA [ES]	F03D9/00; F03D1/04; F24F7/02	AEROGENERADOR CARENADO DE DOBLE ENTRADA DE AIRE Y DOBLE SISTEMA DE ALABES
ES2342998 A1 20100720	ES20090000127 20090119	TORRES MARTINEZ MANUEL [ES]	F03D1/06	PALA DE AEROGENERADOR
ES2343097 A1 20100722	ES20070000663 20070314	GAMESA INNOVATION & TECH SL [ES]	F03D7/04	METODO DE CALIBRACION DE SENSORES EN UN AEROGENERADOR.
ES2343397 A1 20100729	ES20080000675 20080307	GAMESA INNOVATION & TECH SL [ES]	F03D1/06; F03D7/02	UNA PALA DE AEROGENERADOR
ES2343447 A1 20100730	ES20070001123 20070426	TORRES OLVEGA IND S L M [ES]	F03D1/02	AEROGENERADOR DE ALTA PRODUCCION ELECTRICA

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
ES2343450T T1 20100802	ES20040002304U 20041011	INNEO21 S L	E03D11/00; E04H12/02; E04H12/08; E04H12/12; E04H12/16; E04H12/28; F03D1/00; F03D11/04	ESTRUCTURA DE TORRE MODULAR MEJORADA PARA TURBINAS EOLICAS Y OTRAS APLICACIONES.
ES2343712 A1 20100806	ES20070001169 20070503	TORRES MARTINEZ MANUEL [ES]	F03D1/06	PALA DE AEROGENERADOR DIVIDIDA EN TRAMOS Y PROCESO DE FABRICACION DE LA MISMA
ES2343822 A1 20100810	ES20070001206 20070507	TORRES OLVEGA IND S L M [ES]	F03D1/06	MEJORAS EN LA DISPOSICIOON ESTRUCTURAL DE AEROGENERADORES
ES2344023T T3 20100816	IT2005BZ00049 20050921; IT2005BZ00062 20051129; IT2005BZ00063 20051129	WILIC S AR L [LU]	F03D11/00; F16J15/16; F16J15/40; F16J15/447	DISPOSICION DE SELLADO DE COJINETE CON SELLO LABERINTICO Y JUNTA DE TIPO ROSCA COMBINADOS.
ES2344365T T3 20100825	US20060555987 20061102	GEN ELECTRIC [US]	H02P21/00; F03D7/02; F03D7/04; F03D9/00; H02J3/18	PROCEDIMIENTO Y APARATO PARA CONTROLAR LA CORRIENTE EN UNA MAQUINA ELECTRICA.
ES2344725 A1 20100903	ES20100000667 20100524	IZQUIERDO MONTORO PABLO [ES]	F03D5/00; F03D5/06	CONVERSOR AEROHIDRAULICO
ES2345242 A1 20100917	ES20090002248 20091127	GAMON POLO VICENTE [ES]	F03D11/00	PALA CONCAVA PARA AEROGENERADOR
ES2345583 A1 20100927	ES20070001494 20070531	GAMESA INNOVATION & TECH SL [ES]	F03D1/06; F03D11/00	PALA DE AEROGENERADOR CON DISPOSITIVOS ANTI-RUIDO

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
ES2345645 A1 20100928	ES20080001740 20080609	GAMESA INNOVATION & TECH SL [ES]	F03D7/02	INSTALACION DE ENERGIA EOLICA Y PROCEDIMIENTO DE MODIFICACION DEL PASO DE PALA EN UNA INSTALACION DE ENERGIA EOLICA
ES2345661T T3 20100929	DE200410004351 20040129	NORDEX ENERGY GMBH [DE]	F16H1/28; F03D11/02	ENGRANAJE PLANETARIO PARA UN AEROGENERADOR.
ES2345758 A2 20100930	ES20080050076 20080702	AMERICAN SUPERCONDUCTOR CORP [US]	H02J3/18	SOSTENIMIENTO DURANTE PERTURBACIONES DE ALTA TENSION.
ES2345880T T3 20101005	DE20021013096 20020323	GEN ELECTRIC [US]	B60T13/22; B60T13/68; F03D7/02	SISTEMA DE FRENO HIDRAULICO PARA UNA INSTALACION DE ENERGIA EOLICA.
ES2346170 A1 20101011	ES20080002015 20080707	DE LA RUBIA PEREZ SERGIO [ES]; SAGARRA RIERA MARC	B60K16/00; B60L8/00; F03D9/00; F03D9/02	VEHICULO PROPULSADO MEDIANTE ENERGIA RENOVABLE
ES2346176 A1 20101011	ES20100000994 20100716	UNIV LA RIOJA [ES]	F03D9/00; E04D13/18	COLECTOR EOLICO MODULAR DE CORNISA
ES2346617 A1 20101018	ES20080002415 20080811	ROBOTEC INGENIERIA Y SERVICIOS [ES]	B08B6/00; B08B5/04; B08B9/023; B62D57/024	DISPOSITIVO MECANICO TREPADOR APLICABLE A TAREAS DE LIMPIEZA, MANTENIMIENTO, PINTURA O REPARACION DE CUERPOS METALICOS DE GRANDES DIMENSIONES.
ES2347395 A1 20101028	ES20070000869 20070328	SERVICIOS DE INGENIERIA Y MONT [ES]	F03D1/00; B66F11/04; E04G3/24; E04G3/30	PLATAFORMA PARA MANTENIMIENTO DE AEROGENERADORES DOTADA DE SISTEMAS DE GUIADO, SUJECION Y REGULACION.
ES2347860 A1 20101104	ES20090050016 20061108	SUAREZ DEL MORAL ANGEL [ES]	F03D3/00	GENERADOR EOLICO

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
ES2349329T T3 20101230	DE200710053613 20071108	MOOG UNNA GMBH [DE]	H02P7/28; F03D7/02	INSTALACION DE ENERGIA EOLICA CON CIRCUITO DE CONTROL PARA UN FUNCIONAMIENTO CON NUMERO DE REVOLUCIONES LIMITADO Y PROTECCION DE LA FUENTE DE TENSION DE UN MOTOR DEVANADO EN SERIE PARA LA REGULACION DE LAS PALAS EN CASO DE PARES GENERADORES.
FI121439B B1 20101115	FI20080000684 20081230	FINNWIND OY [FI]	F03D7/02	Pientuulivoimalan myrskysuojausmekanismi
FI20095021 A 20100714	FI20090005021 20090113	WINWIND OY [FI]		Suuntajarru tuulivoimalassa
FI20095067 A 20100728	FI20090005067 20090127	WINWIND OY [FI]		Anturijärjestelmä tuulivoimalassa
FI20095207 A 20100904	FI20090005207 20090303	WINWIND OY [FI]	G01P13/02; F03D7/00; F15B5/00; G01B13/12; G01D5/42; G01W1/00	Laitteisto ja menetelmä tuulen suunnan määrittämiseksi
FR2940821 A1 20100709	FR20080006214 20081106	KOSTRZEWSKI OLIVIER LOUIS ANDRE [FR]	F03D3/04; F01D1/32; F03B1/02	Energy collecting device for use in vertical axis wind turbine, has interposition element comprising interposition part displaced along direction parallel to rotational axis for modifying fluid intake configuration at level of rotor
FR2942508 A1 20100827	FR20090000854 20090225	LARIEPE JEAN LOUIS [FR]	F03D1/06	Blade for horizontal axis type wind turbine, has trajectories represented in layout depicting movement of air along horizontal axis based on distance traveled by point of blade tip or point of blade foot

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
FR2942509 A1 20100827	FR20090000855 20090225	LARIEPE JEAN LOUIS [FR]	F03D7/02	Horizontal axis type wind turbine, has blades that are arranged radially on rotor, where orientation of blades is controlled, so that wind resistance surface is varied based on reduction in intensity of wind
FR2943586 A1 20101001	FR20090052009 20090331	PEUGEOT CITROEN AUTOMOBILES SA [FR]	B60K16/00; B60L8/00; B60L9/00; B60R16/03; F03D9/00; H02J7/14	Energy recover device for use in e.g. car, has wind generator transforming kinetic energy of air flow into electric energy, movable closing unit to close air intake conduit, and control unit controlling opening and closing of closing unit
FR2943743 A1 20101001	FR20090001480 20090327	VERGNET [FR]; SARENS [BE]	F03D11/04; B66C1/68; B66C13/08; B66C23/28	Wind turbine assembling device, has hoisting engine fixed on ground, and crane composed of tilting engine and pole articulated on mast maintained adjacent and parallel to sections of mast of wind turbine by guiding device
FR2944071 A3 20101008	FR20090052180 20090403	NADAUD PIERRE [FR]; LEROY PATRICK [FR]	F03D11/02; F03D9/00; F03D9/02	Installation for recovering and managing wind power provided by Darrieus vertical axis wind pump, has control circuit receiving instructions to control clutch of pump, bidirectional connector and disengageable connectors
FR2944327 A1 20101015	FR20090001737 20090408	LEMAIRE DANIEL [FR]	F03D3/06; F03B17/06	Vertical axis wind turbine device for producing electrical energy to e.g. individual dwelling, has pivoting vertical shaft fixed under frame that integrates mechanical transmissions, for supporting screws, guide and assembling plates
FR2944834 A1 20101029	FR20090002040 20090424	PORCHER EMMANUEL ROBERT LUCIEN [FR]	F03D3/02	EOLIENNE HYBRIDE A AXE VERTICAL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
FR2944835 A1 20101029	FR20090001996 20090424	ANTONOV ROUMEN [FR]	F03D9/02; F03D1/00; F03D11/04	DISPOSITIF DE PRODUCTION D'ELECTRICITE A PARTIR D'UNE SOURCE MOTRICE A VITESSE VARIABLE, ET DISPOSITIF DE STOCKAGE INERTIEL D'ENERGIE ET EOLIENNE AINSI EQUIPEES
FR2944845 A1 20101029	FR20090001962 20090423	ANTONOV ROUMEN [FR]	F16H3/72; F03D11/02	DISPOSITIF DE TRANSMISSION POUR MACHINE DE PRODUCTION D'ENERGIE ELECTRIQUE OU AUTRE A PARTIR D'UNE SOURCE MOTRICE A VITESSE VARIABLE ET PROCEDE DE REGLAGE D'UN RAPPORT DE TRANSMISSION
FR2945325 A1 20101112	FR20090053097 20090511	IOSIS CONCEPT [FR]	F03D11/04; F03D3/02; F03D3/06	EOLIENNE A AXE DE ROTATION PERPENDICULAIRE A LA DIRECTION DU VENT.
FR2945586 A1 20101119	FR20090002280 20090512	STEINKE SABRINA [FR]	F03D9/00	Windmill exploiting device for power supply of safety/decorative luminous signals in e.g. traffic circle in urban or rural environment, has windmill installation for installing windmills in specific perimeter at vicinity or near circle
FR2945587 A1 20101119	FR20090002297 20090513	PAPEL JEAN LOUIS AIME [FR]	F03D9/00; F03D7/04; F24D15/00; F24J3/00	OPTIMISATION DYNAMIQUE DU COUPLAGE ENTRE UNE EOLIENNE ET UN BRASSEUR D'EAU POUR LE CHAUFFAGE D'UN BATIMENT,EN MAINTENANT OPTIMUM LE RAPPORT U/V DE L'EOLIENNE QUELLE QUE SOIT LA VITESSE DU VENT.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
FR2945841 A1 20101126	FR20090002413 20090519	AMATO ANTOINE JACQUES [FR]	F03G6/00; F03D5/00; F03G7/10	Electric energy producing device for e.g. electrical vehicles, has solar panels arranged on rotating pyramid, where pyramid is surmounted by central pivot mounted on pedestal that is mounted on terraces, boats, and electrical vehicles
FR2946096 A1 20101203	FR20090053464 20090526	ROTY ET FILS ETS [FR]	F03D1/06; F03D11/04	EOLIENNE.
FR2946700 A1 20101217	FR20090053990 20090615	SOLETANCHE FREYSSINET [FR]	F03D11/04; F03D1/00	PROCEDE, SYSTEME ET DISPOSITIF POUR CONTRIBUER A L'ASSEMBLAGE D'UNE EOLIENNE.
FR2947013 A1 20101224	FR20090054099 20090618	AIRBUS FRANCE [FR]	F03D1/04; F03D3/04	Aerogenerator e.g. wind turbine, for generating electricity, has fairing comprising resistive porous layer provided on level of part of interior wall and having honeycomb structure/reflecting or impermeable layer along radial direction
FR2947014 A1 20101224	FR20090003047 20090622	LE STER GERARD ANTOINE MARIE [FR]	F03D11/00; F03B17/06; F03D3/00	DISPOSITIF POUR REALISER UN ASSEMBLAGE SIMPLE ET EFFICACE DE LA ROUE D'UNE EOLIENNE OU HYDROLIENNE A AXE VERTICAL ET DE LA GENERATRICE ELECTRIQUE
FR2947306 A1 20101231	FR20090003200 20090629	LE STER GERARD ANTOINE MARIE [FR]	F03D11/00; F03B11/02; F03D3/00	DISPOSITIF POUR REALISER UN ISOLEMENT DES PALES CREUSES QUI REMONTENT LE COURANT DU FLUIDE POUR UNE EOLIENNE OU UNE HYDROLIENNE A AXE VERTICAL
GB2466649 A 20100707	GB20080023683 20081230	STATOILHYDRO ASA [NO]	F03D7/02; F03D7/04; F03D11/04	Floating wind turbine blade pitch controller based on rotor and tower speeds

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
GB2466700 A 20100707	GB20080023534 20081229; GB20090013188 20090729	HIGGINSON MARK CHRISTOPHER [GB]	H02J7/00; F03D9/02; H01L31/042; H01M10/44; H02J7/02	Battery power supply
GB2466848 A 20100714	GB20090000488 20090113	BOUGHADER HANI [GB]	F03D1/06; F03D3/02; F03D11/02	Wind turbine with propulsion devices
GB2466863 A 20100714	GB20080021775 20081128	RAWLINGS MATTHEW JAMES HAROLD [GB]	E04H12/34; F03D11/04	An upright structure, particularly for use with wind turbines
GB2467238 A 20100728	WO2008IB02484 20080731; GB20070014777 20070730	ORBITAL 2 LTD [GB]	F03D11/02; F16H3/72; F16H37/08; F16H57/08; F16H59/14; F16H59/42	Improvements in and relating to electrical power generation from fluid flow
GB2467258 A 20100728	TW20090116689 20090519; TW20100115088 20100512	LIAO FU-CHANG [TW]	F03D3/04; F03D3/00; F03D3/02; F03D7/06; F03D11/04	Wind-powered electricity generator with wind guiding means and safety features
GB2467569 A 20100811	GB20090001983 20090206	BELL GORDON DAVID [GB]	F03D9/00	Vertical axis turbine with multiple generators running from the rotor rim
GB2467745 A 20100818	GB20090002268 20090211	VESTAS WIND SYS AS [DK]	F03D1/06	Wind turbine blade with tension element(s) to increase edgewise stiffness
GB2467827 A 20100818	GB20090002243 20090212	THOMAS GERAINT WYNNE [GB]	F03D1/06; F02K5/00	Wind turbine with tip mounted gas turbine engines
GB2468693 A 20100922	GB20090004687 20090318	VESTAS WIND SYS AS [DK]	F03D7/04	Wind turbine blade control
GB2468863 A 20100929	GB20090004967 20090324	O'DONNELL JAMES [GB]	F03D3/06; F03D7/06	Vertical Axis Wind Turbine with non-newtonian fluid damped auto pitching and air brake

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
GB2468881 A 20100929	GB20090005101 20090325	WIND DAM LTD [GB]	F03D3/06; F03D3/02; F03D3/04; F03D11/04	Vertical axis wind turbine
GB2468903 A 20100929	GB20090005213 20090326	PEARSON RONALD DENZIL [GB]	F03D1/06; B64C23/06; B64C27/46	Aerofoil tip vortex reducing structure
GB2468978 A 20100929	GB20100006979 20100427	AERODYNAMIC RES INNOVATION HOL [GB]	B64C3/14; B64C11/18; B64C23/06; F01D5/14; F03D1/06	Fluid flow control device for an aerofoil
GB2469427 A 20101013	WO2009DK50027 20090127; DK20080000109 20080128; US20080024033P 20080128; DK20080000346 20080307	VESTAS WIND SYS AS [DK]	G01B11/16; F03D7/02; F03D7/04; F03D11/00; G01L1/24	Method for sensing strain in a component in a wind turbine, optical strain sensing system and uses thereof
GB2469483 A 20101020	GB20090006462 20090415	CLIFFORD JOHN DAVID [GB]	F03D9/00; F03D3/06	Vertical Axis Wind Turbine
GB2469740 A 20101027	GB20090006829 20090421	KITETECH ENERGY SYSTEMS LTD [GB]	F03D5/00; B64C31/06; F03D7/00	Extraction of energy from the wind using kites
GB2469854 A 20101103	GB20090007444 20090430	VESTAS WIND SYS AS [DK]	F03D7/02; F03D7/04	Wind turbine rotor blade
GB2470344 A 20101124	GB20090004869 20090320; US20090160913P 20090317	VESTAS WIND SYS AS [DK]	F03D11/00; F03D7/02	Lightning protected hinge for wind turbine components

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
GB2470501 A 20101124	TW20090116689 20090519; TW20100115088 20100512; GB20100008083 20100514	LIAO FU-CHANG [TW]	F03D3/04; F03D3/00; F03D11/04	Wind powered electricity generator with two dynamos and guiding board
GB2470589 A 20101201	GB20090009192 20090529	VESTAS WIND SYS AS [DK]	F03D1/06	Branching spar wind turbine blade
GB2471121 A 20101222	GB20090010501 20090618	HIRD IAN [GB]	F03D3/06; F03D3/00; F03D9/00; F03D11/04	Urban vertical axis wind turbine and generator
GB2471272 A 20101229	GB20090010640 20090622	REDCLIFFE STEPHEN MARTIN [GB]	F03D3/00; B63H9/02; F03D3/06	Vertical axis magnus effect wind turbine
GB2471349 A 20101229	GB20090019574 20091109	DAVID JOHN HICKS [GB]; TEDHAM DOUGLAS STUART [GB]	F03D9/00; F03D1/02; F03D1/04	Wind turbine with fans
GR1007040 B 20101102	GR20090100381 20090707	OBAINTOU ALLAM PETROS [GR]	F03G6/04; H02M7/42	GREEN POWER UNITS FOR DYNAMIC HIGH-POWER GENERATION
GR20090100134 A 20101021	GR20090100134 20090309	CHALDOUPIS LAZAROS [GR]	F03D9/02	METHOD-SYSTEM FOR THE TRANSFER, STORAGE AND CONVERSION OF THE WIND MECHANICAL ENERGY INTO ELECTRIC
HK1092515 A1 20100723	WO2004JP08321 20040614; JP20040031897 20040209	MEKARO AKITA CO LTD [JP]; MURAKAMI NOBUHIRO [JP]	F03D1/06	MAGNUS TYPE WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
HK1110377 A1 20101210	WO2006EP00394 20060118; DE200510002650 20050119	WOBBEN ALOYS [DE]		ROD-SHAPED LIGHT FOR MARKING A TOWER WITH LIGHTS
HK1138995 A2 20100903	HK20090103365 20090409; HK20090106408 20090715	HOPEWELL WIND POWER LTD [VG]		VERTICAL AXIS WIND TURBINE
HK1139556 A2 20100917	HK20100103810 20100420	LIM CHEUK HAU [HK]		POWER GENERATOR WITH MULTIPLE CLEAN ENERGY SOURCES
HK1142217 A2 20101126	CN20091171169 20090904	TAK LEUNG YEE [HK]		FLUID POWER DEVICE AND FLUID ELECTRICITY GENERATION APPARATUS
HK1143031 A2 20101217	HK20090110157 20091030	HOPEWELL WIND POWER LTD [VG]		VERTICAL AXIS WIND TURBINE
HR20090047 A2 20100731	HR20090000047 20090126	SERTIC ZDRAVKO [HR]	F03D5/04	WIND MOTOR HAVING SAILS
HR20090055 A2 20100731	HR20090000055 20090129	CULJAK TIHOMIR [HR]	F03D11/00; F03D3/00	WINDMILL CENTERED ROTOR SUPPORTING ASSEMBLY
HR20090362 A2 20101231	HR20090000362 20090623	VRSALOVIC IVAN [HR]		WIND TURBINE IN A COMBINED NOZZLE
HU0800557 A2 20100830	HU20080000557 20080910	CSEFKO PAL TAMAS [HU]	F03D9/02; F03D11/00	DEVICE AND METHOD FOF INCREASING OF THE POWER FACTOR OF WIND OR HYDRAULIC MACHINES WITH ADDITIONAL PNEUMATIC SYSTEM
HU0900024 A2 20101028	HU20090000024 20090116	FAZAKAS GABOR [HU]; GYOERFI LASZLO [HU]	F03D9/02; F02C6/16	COUNTERPRESSURE ENERGY STORING DEVICE
HU0900025 A2 20101028	HU20090000025 20090116	FAZAKAS GABOR [HU]; GYOERFI LASZLO [HU]	F03D9/02; F02C6/16	COUNTERPRESSURE ENERGY STORING DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
HU0900093 A2 20101028	HU20090000093 20090216	FAZAKAS GABOR [HU]; GYOERFI LASZLO [HU]	F01B23/08; F01B23/10; F03D9/02	COUNTERPRESSURE ENERGY STORING DEVICE
IE20090636 A2 20101222	IE20080000691 20080827; IE20090000636 20090821	BRI TOINNE TEORANTA [IE]	F03D3/00; F03D11/00	A turbine and a rotor for a turbine
IL176911 A 20101230	US20040765683 20040127; WO2005US02207 20050125	WEIR SLURRY GROUP INC [US]	F01D1/02; F01D9/00; F03B1/04; F03B3/16; F03D3/04; F03D11/00; F04D7/00; F04D29/02	CASING FOR A CENTRIFUGAL PUMP
JP2010144542 A 20100701	JP20080320242 20081216	IHI CORP [JP]	F03D9/00	HOT RADIATOR STORAGE YARD GENERATING-APPARATUS
JP2010144614 A 20100701	JP20080322575 20081218	UD TRUCKS CORP	F04B35/00; B60T17/00; F03D9/00	AIR COMPRESSING MECHANISM OF VEHICLE
JP2010144634 A 20100701	JP20080323231 20081219	IHI CORP [JP]	F03D9/00; F03D1/04	HOT RADIATOR STORAGE YARD GENERATING APPARATUS
JP2010144646 A 20100701	JP20080323767 20081219	TOYO BOSEKI	F03D11/00	WINDMILL BLADE
JP2010144712 A 20100701	JP20080336316 20081218	WAKESHIMA ISAO	F03D3/04; F03D11/00	WIND POWER MOTOR FOR THERMAL POWER GENERATION
JP2010144713 A 20100701	JP20080336317 20081219	SHIMAUCHI TAMOTSU	F03D7/06; F03D3/04; F03D3/06	SOLAR AND WIND POWER GENERATOR WITH COUNTERMEASURE TO TYPHOON
JP2010148201 A 20100701	JP20080320743 20081217	TOYO ELECTRIC MFG CO LTD	H02P9/00; F03D7/04	MAIN CIRCUIT OF POWER GENERATING DEVICE FOR DISTRIBUTED POWER SUPPLY

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010149785 A 20100708	JP20080332303 20081226	WATANABE MASAHIRO	B60K6/10; F03D9/00	HYBRID VEHICLE
JP2010150985 A 20100708	JP20080328624 20081224	MITSUBISHI HEAVY IND LTD [JP]	F03D11/04; F03D9/00	CYLINDRICAL STRUCTURE AND WIND POWER GENERATOR
JP2010150986 A 20100708	JP20080328739 20081224	SHARP KK	F03D9/00; F03D1/04; F03D1/06; F03D9/02	VEHICLE WITH WIND POWER GENERATION MECHANISM
JP2010150999 A 20100708	JP20080328977 20081225	HANADA SEIJI	F03D3/06; F03D11/00	IMPELLER
JP2010151006 A 20100708	JP20080329145 20081225	NOAI KK	F03D9/00; F03D3/00; F03D11/00	FIXING STRUCTURE OF GENERATOR SHAFT OF OUTER ROTOR CORELESS TYPE WIND GENERATOR
JP2010151072 A 20100708	JP20080332066 20081226	IHI CORP [JP]	F03D9/00; F03D1/04	HOT RADIATOR STORING YARD GENERATING-APPARATUS
JP2010151123 A 20100708	JP20080305746 20081129; JP20090264719 20091120	NABTESCO CORP [JP]	F03D11/00; F03D1/06; F03D7/04	PITCH DRIVE DEVICE FOR WIND MILL
JP2010154747 A 20100708	JP20100072583 20100326	HAYAMIZU KOHEI	H02N2/00	WIND POWER GENERATOR
JP2010156293 A 20100715	JP20080335520 20081227	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D1/06	WIND POWER GENERATING DEVICE
JP2010156300 A 20100715	JP20080336223 20081226	UCHIDA HIROSHI	F03D9/00	ELECTRIC POWER SOURCE DEVICE INCLUDING SMALL ELECTRIC POWER WIND POWER GENERATOR USING WIND PRESSURE GENERATED IN TUNNEL AT THE TIME OF TRAVELING OF SUBWAY VEHICLE
JP2010156305 A 20100715	JP20090000148 20090105	TATSUMI RYOKI KK	F03D3/06; F03D11/00	WINDMILL FOR WIND POWER GENERATION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010159625 A 20100722	DE200410017006 20040402	WOBBEN ALOYS [DE]	E04H12/22; E02D27/00; E02D27/42; F03D1/00; F03D11/04	METHOD FOR VERTICALLY INSTALLING TOWER
JP2010159646 A 20100722	JP20090000989 20090106	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATOR, AND METHOD AND PROGRAM FOR CONTROLLING BLADE PITCH ANGLE OF THE SAME
JP2010159657 A 20100722	JP20090001226 20090107	GLOBAL ENERGY CO LTD [JP]	F03D9/00; F03D1/04; F03D1/06; F03D11/00	WIND POWER GENERATOR
JP2010159710 A 20100722	JP20090003111 20090109	NTN TOYO BEARING CO LTD	F03D11/00; F16C19/38; F16C19/52; F16C41/00; G01M13/04	MONITORING DEVICE FOR MAIN SHAFT BEARING OF WIND POWER GENERATOR
JP2010163952 A 20100729	JP20090006459 20090115	FUKUOKA UNIV	F03D1/04; F03D1/06	DOWNWIND GENERATOR
JP2010163955 A 20100729	JP20090006600 20090115	SHARP KK	F03D9/00; F03D1/04; F03D7/04; F03D9/02	VEHICLE WITH WIND POWER GENERATING MECHANISM
JP2010164016 A 20100729	JP20090008400 20090119	KANEKATSU TAKEO; TAKAHASHI HIROSHI; MASUDA HIROYUKI	F03D11/02; F03D1/02	HORIZONTAL AXIS MULTI-BLADE AND MULTI-ROW ROTOR TYPE WIND TURBINE SYSTEM, AND WIND POWER GENERATION SYSTEM USING THE SAME
JP2010168937 A 20100805	JP20090010528 20090121	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D1/06	UPWIND TYPE WIND POWER GENERATION FACILITY

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010169054 A 20100805	JP20090014070 20090126	KYOSAN ELECTRIC MFG	F03D9/00; F03D7/04; F03D9/02; H02N2/00	TUBULAR FLUID VIBRATION POWER GENERATING DEVICE
JP2010169073 A 20100805	JP20090037136 20090121	YAMAMOTO KAZUHIKO	F03D9/02; F03D3/06	CAM DRIVE POWER GENERATOR
JP2010174878 A 20100812	JP20090044820 20090202	HAMADA NAOTAKA	F03D9/00; F03B13/08	WIND AND WATER POWER GENERATION INSTALLATION
JP2010174879 A 20100812	JP20090044823 20090202	SASAKI NORIMASA	F03D1/04; F03D1/06	WIND TURBINE TO BE ROTATED USING SOLAR HEAT
JP2010178610 A 20100812	JP20090041454 20090130	KONO KENJI; OKAFUJI KIKO LTD	H02P9/00; F03D9/00	POWER RECOVERY APPARATUS IN DUST COLLECTOR WITH EXHAUSTER
JP2010180876 A 20100819	JP20090299445 20091218	KATO MASAHARU	F03D3/06; F03B13/26; F03D9/00; F03D11/00; F03D11/04	WIND POWER GENERATOR DOUBLING AS TIDAL CURRENT POWER GENERATOR
JP2010185389 A 20100826	JP20090030623 20090213	SEKISUI CHEMICAL CO LTD; KUDO KENSETSU KK	F03D3/06; F03D3/04; F03D9/00; F03D11/00	CROSS-FLOW WIND MILL AND WIND TURBINE GENERATOR
JP2010185444 A 20100826	JP20090031898 20090213	TOKYO ELECTRIC POWER CO	F03D11/00; F03D1/06	BLADE STRUCTURE AND WIND TURBINE GENERATOR
JP2010185445 A 20100826	JP20090051328 20090210	HASEGAWA YOJI	F03D9/00	EXHAUST AIR ENERGY RECYCLING SYSTEM
JP2010185467 A 20100826	JP20090028086 20090210	PANASONIC CORP	F16C33/66; F03D9/00; F04D29/00; F16C19/06; F16C33/58; H02K5/16; H02K5/173	MOTOR, DYNAMO-ELECTRIC GENERATOR, BLOWER, AND WIND TURBINE GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010193768 A 20100909	JP20090041569 20090224	TOKYO ELECTRIC POWER CO	A01M29/00; F03D1/00; F03D1/06; F03D7/02; G01P3/36; G06T7/20	DEVICE FOR INTIMIDATING BIRD, AND AEROGENERATOR
JP2010194500 A 20100909	JP20090044851 20090226	INST NAT COLLEGES TECH JAPAN	C02F1/04; C02F1/00; C02F1/14; F02G1/055; F03D9/00; F03D9/02; F03G6/06	DESALINATION APPARATUS
JP2010196520 A 20100909	JP20090040237 20090224	FUJI HEAVY IND LTD [JP]	F03D7/04	HORIZONTAL AXIS WINDMILL
JP2010196591 A 20100909	JP20090042378 20090225	FUJI HEAVY IND LTD [JP]	F03D7/04	HORIZONTAL AXIS WINDMILL
JP2010196600 A 20100909	JP20090042829 20090225	ENERGY PRODUCTS CO LTD	F03D3/04; F03D3/06	WIND COLLECTOR AND WIND TURBINE DEVICE
JP2010196669 A 20100909	JP20090045101 20090227	YUHO KK	F03D9/00	WIND TURBINE GENERATOR
JP2010200533 A 20100909	JP20090044012 20090226	SINFONIA TECHNOLOGY CO LTD; UNIV MIE	H02P9/00; F03D7/00	WIND POWER GENERATION SYSTEM AND METHOD FOR CONTROLLING STALL OF THE SAME
JP2010203260 A 20100916	JP20090047360 20090227	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	PITCH DRIVE DEVICE FOR WIND POWER GENERATOR AND WIND POWER GENERATOR
JP2010207052 A 20100916	JP20090052908 20090306	NISCA CORP	H02K3/28; F03B15/08; F03D9/00; H02K1/27; H02K3/04; H02K21/24;	POWER GENERATOR AND POWER GENERATION SYSTEM WITH THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			H02P9/48	
JP2010209786 A 20100924	JP20090056528 20090310	NAKAYAMA MINORU	F03D9/00; F03D3/04; F03D3/06	ON-VEHICLE WIND TURBINE GENERATOR
JP2010209863 A 20100924	JP20090059061 20090312	TOKYO ELECTRIC POWER CO	F03D11/00; F03D1/06	BLADE STRUCTURE AND WIND POWER GENERATOR
JP2010209880 A 20100924	JP20090059569 20090312	TOKYO ELECTRIC POWER CO	F03D7/04	WIND POWER GENERATOR
JP2010216273 A 20100930	JP20090060967 20090313	PENTA OCEAN CONSTRUCTION; TOKYO ELECTRIC POWER CO	F03D11/04	SUBSTRUCTURE OF FLOATING TYPE OCEAN WIND TURBINE GENERATOR
JP2010216307 A 20100930	JP20090061870 20090313	TAKENAKA KOMUTEN CO	F03D11/00	NOISE REDUCTION SYSTEM FOR WIND TURBINE
JP2010216308 A 20100930	JP20090061871 20090313	TAKENAKA KOMUTEN CO	F03D11/00	NOISE REDUCTION SYSTEM FOR WIND TURBINE
JP2010216309 A 20100930	JP20090061872 20090313	TAKENAKA KOMUTEN CO	F03D11/00	NOISE REDUCTION SYSTEM FOR WIND TURBINE
JP2010216317 A 20100930	JP20090062147 20090314	KURIBAYASHI KIKO KK	F03D11/00; F03D11/04	INVERSIVE SUPPORTING DEVICE FOR WIND POWER GENERATION VANES
JP2010216367 A 20100930	JP20090063917 20090317	NABETA MAMORU	F03D3/06	WIND TURBINE FOR WIND POWER GENERATION
JP2010216459 A 20100930	JP20090094397 20090316	OTA RYOZO	F03D7/04	WIND POWER GENERATOR
JP2010220542 A 20101007	JP20090071305 20090324	TOKYO ELECTRIC POWER CO	A01M29/00; F03D11/00	DEVICE FOR REPELLING BIRD AND WIND POWER GENERATOR
JP2010223099 A 20101007	JP20090071224 20090324	NOAI KK	F03D3/06; F03D9/00	COMBINED WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010223147 A 20101007	JP20090073114 20090325	MEKATORO GIKEN KK	F03D11/00	STRUCTURE FOR PREVENTING LIGHTNING DAMAGE TO ROTOR BLADE OF WIND POWER GENERATION DEVICE, AND METHOD FOR THE SAME
JP2010223148 A 20101007	JP20090073115 20090325	MEKATORO GIKEN KK	F03D11/00	STRUCTURE FOR PREVENTING LIGHTNING DAMAGE TO ROTOR BLADE OF WIND POWER GENERATION DEVICE
JP2010223157 A 20101007	JP20090073324 20090325	PANASONIC CORP	F03D11/02; F16D43/18	WIND POWER GENERATOR
JP2010223205 A 20101007	JP20090096461 20090319	NAKAGAWA KENICHI	F03D1/06; F03D9/02; F04D25/08	POWER GENERATION BY ELECTRIC FAN OF EVEN NUMBER BLADE
JP2010223207 A 20101007	JP20090097460 20090321	MITSUI KIYOSHI	F03D3/06; F03D7/06	VERTICAL TYPE REACTION WIND TURBINE GENERATOR
JP2010229747 A 20101014	JP20090079770 20090327	PENTA OCEAN CONSTRUCTION	E02D27/32; E02D27/34; E02D27/42; F03D11/04	BOTTOM FOUNDATION STRUCTURE FOR OCEAN STRUCTURE AND METHOD OF CONSTRUCTING THE SAME
JP2010229824 A 20101014	JP20090075262 20090325	TOKYO ELECTRIC POWER CO	F03D7/04; F03D11/00	ROTARY BLADE DIAGNOSTIC DEVICE
JP2010229906 A 20101014	JP20090079011 20090327	WIND SMILE KK	F03D3/06	STRUCTURE OF WIND TURBINE
JP2010229907 A 20101014	JP20090079035 20090327	WIND SMILE KK	F03D11/00; F03D3/06	WIND TURBINE POWER GENERATOR
JP2010229992 A 20101014	JP20090081578 20090330	SEKISUI CHEMICAL CO LTD	F03D1/04; F03D9/00	SOLAR HEAT UTILIZING POWER GENERATION SYSTEM
JP2010230595 A 20101014	JP20090080552 20090327	TOKYO ELECTRIC POWER CO	G01N21/84; F03D7/04; F03D11/00; G06T1/00	ROTOR INSPECTION DEVICE AND COMPUTER PROGRAM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010231720 A 20101014	JP20090081301 20090330	TOKYO ELECTRIC POWER CO	G06T1/00; F03D7/04; F03D11/00; G01B11/00; G01C3/06; G01P3/36; G06T7/20	SYSTEM FOR DETERMINATION AND PROCESSING OF COLLISION, COMPUTER PROGRAM, AND WIND POWER GENERATOR
JP2010234989 A 20101021	JP20090086087 20090331	IKUTOKU GAKUEN KANAGAWA KOKA DAIGAKU	B64D15/12; F03D11/00	BLADE STRUCTURE HAVING ANTI-ICING STRUCTURE
JP2010236541 A 20101021	JP20090061123 20090313; JP20100052511 20100310	AOKI FUJIO	F03D7/04; F03D1/06	ROTOR BLADE WITH AUXILIARY BLADE FOR WIND POWER GENERATION FACILITY
JP2010239912 A 20101028	JP20090093596 20090408	TOKYO ELECTRIC POWER CO	A01M29/00; F03D9/00; F03D11/00	BIRD-REPELLENT DEVICE AND WIND GENERATOR
JP2010242507 A 20101028	JP20090088743 20090401	RISO KAGAKU CORP	F03D9/02; F03D11/02	WIND POWER GENERATOR
JP2010242636 A 20101028	JP20090092835 20090407	OMATA YUKIO	F03D3/04; F03D3/06; F03D9/00	NATURE-FRIENDLY POWER GENERATION HOUSE
JP2010242655 A 20101028	JP20090093585 20090408	TOKYO ELECTRIC POWER CO	F03D11/00	BIRD EVACUATION SYSTEM AND WIND POWER GENERATOR
JP2010247646 A 20101104	JP20090098852 20090415	PENTA OCEAN CONSTRUCTION	B63B35/00; B63B21/20; F03D9/00; F03D11/04	FLOATING BODY TYPE STRUCTURE IN FLOATING BODY TYPE OFFSHORE WIND POWER GENERATION AND METHOD FOR MOORING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010248959 A 20101104	JP20090097676 20090414	SUMIYOSHI HIDEO	F03D9/00	METHOD FOR POWER GENERATION USING FORCE IN WIND OF MOVING OBJECT SUCH AS PNEUMATIC PRESSURE POWER GENERATION METHOD ELECTRIC TRAIN AND AUTOMOBILE
JP2010248962 A 20101104	JP20090097848 20090414	PANASONIC CORP	F03D3/06	PHOTOVOLTAIC AND WIND POWER GENERATION APPARATUS
JP2010255588 A 20101111	JP20090108946 20090428	KUMIKAWA TEKKOSHO KK	F03D5/00	WIND POWER ROTATING ELEMENT
JP2010255625 A 20101111	JP20090081251 20090330; JP20100078616 20100330	WING INTERNAT CO LTD A	F03D7/04	VARIABLE PITCH DEVICE
JP2010261316 A 20101118	JP20090110461 20090430	SYSTEC KK	F03D11/04; F03D9/00; F03D11/00	FLAPPING TYPE WIND TURBINE GENERATOR
JP2010261343 A 20101118	JP20090111673 20090501	WATANABE MASAHIRO	F03D9/00; B60L8/00	HYBRID VEHICLE
JP2010261344 A 20101118	JP20090111793 20090501	SANKI DENGYO KK	F03D7/04; H02K7/18	WIND POWER GENERATOR
JP2010261350 A 20101118	JP20090112161 20090501	GLOBAL ENERGY CO LTD [JP]	F03D7/04	WIND TURBINE
JP2010261430 A 20101118	JP20090132517 20090511	ASO MASANORI	F03D3/06; F03D11/00	EXPANSION MECHANISM BLADE SYSTEM GYRO-MILL TYPE WINDMILL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010261431 A 20101118	JP20090132518 20090511	ASO MASANORI	F03D1/06	FLAT-PLATE AIRFOIL CANTILEVER SUPPORT SYSTEM (FAN SYSTEM) MULTI-BLADE PROPELLER-SHAPED WIND TURBINE WITH BLADE ANGLE ADJUSTING FUNCTION (ALSO SERVING AS FLAT-PLATE AIRFOIL CHARACTERISTIC TESTING MACHINE)
JP2010261432 A 20101118	JP20090138664 20090428	ICHIKAWA HIROO	F03D1/06; F03D3/06	ROTOR
JP2010265752 A 20101125	JP20090115269 20090512	NITTSU SHOJI KK	F03D11/04; B66C13/08	METHOD FOR HOISTING BLADE OF WIND TURBINE GENERATOR SYSTEM AND DEVICE THEREOF
JP2010265823 A 20101125	JP20090118143 20090515	FOUNDRY LTD	F03D11/00; F03D1/06	WIND TURBINE BLADE
JP2010265879 A 20101125	JP20090132509 20090512	YOKOYAMA MASAKAZU	F03D7/04; F03D1/06	WIND/WATER TURBINES
JP2010265883 A 20101125	JP20090149154 20090516	ABE YOSHIO	F03D7/04; F03D1/04	WIND LOAD WIND COLLECTOR WIND TURBINE
JP2010265884 A 20101125	JP20090149156 20090514	ABE YOSHIO	F03D1/04; F03D1/06	WIND TURBINE FOR INCREASING WIND RELEASING WIND POWER BEFORE STRONG WIND
JP2010268595 A 20101125	JP20090117718 20090514	FURUKAWA DENKO SANGYO DENSEN KK	H02G1/06; F03D11/00; F03D11/04; H02G3/30	WIND POWER GENERATOR AND POWER CABLE LAYING METHOD TO WIND-POWER GENERATOR
JP2010270623 A 20101202	JP20090121223 20090519	TOKYO ELECTRIC POWER CO	F03D11/00; F03D1/06	WIND POWER GENERATOR
JP2010270721 A 20101202	JP20090124788 20090524	IIDA SHIGEYUKI	F03D3/06; F03D3/04	HYBRID VERTICAL SHAFT TYPE HIGH EFFICIENCY TURBINE AND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
JP2010270733 A 20101202	JP20090125532 20090525	FUJI HEAVY IND LTD [JP]	F03D7/04	HORIZONTAL AXIS WIND TURBINE
JP2010270758 A 20101202	JP20100157426 20100712	HITACHI ENG SERVICE [JP]	F03D7/04; F03D9/02; H02J7/00	CONTROL METHOD OF REGENERABLE ENERGY USING POWER GENERATION SYSTEM
JP2010275705 A 20101209	JP20090126719 20090526	KAJIMA CORP	E04H12/28; F03D11/04	METHOD FOR EXTENSION AND ALTERATION OF AEROGENERATOR
JP2010281209 A 20101216	JP20090132624 20090602	SYSTEC KK	F03D5/06; F03D9/00	BLADE HAVING LINEAR POWER GENERATION SECTION CONVERTING CENTRIFUGAL FORCE INTO RECIPROCATING MOTION, AND FLUTTERING WIND POWER GENERATOR USING THE SAME
JP2010281230 A 20101216	JP20090133659 20090603	PANASONIC CORP	F03D3/06; F03D7/06	WIND POWER GENERATOR
JP2010281234 A 20101216	JP20090133756 20090603	YAMAMOTO KAZUO; SHODEN CORP	F03D11/04	METHOD AND DEVICE FOR SUPPRESSING RISE IN POTENTIAL OF STEEL TOWER LEG
JP2010281274 A 20101216	JP20090135932 20090605	NBS KK	F04D13/04; F03D1/00; F03D9/00; F04D29/043	WIND POWER PUMP
JP2010281279 A 20101216	JP20090136083 20090605	SHIMIZU CONSTRUCTION CO LTD	F03D11/00; F03D7/00; G01H3/04	METHOD, DEVICE AND PROGRAM FOR DETERMINING ABNORMALITY OF WINDMILL BLADE FOR WIND POWER GENERATION
JP2010281297 A 20101216	JP20090136828 20090608	LI CHIA YUAN	F03D1/06; F03D11/00	WIND POWER GENERATOR
KR100967158B B1 20100705	KR20090111682 20091118	KIM JUEN SOO [US]	B63J99/00; B63H9/00; F03D3/04	SHIP HAVING WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR100967160B B1 20100705	KR20090111688 20091118	KIM JUEN SOO [US]	F03D5/00; F03D11/04	WIND COLLECTING TOWER OF WIND POWER GENERATOR
KR100969544B B1 20100712	KR20100052918 20100604	BYUCK SAN POWER LTD [KR]	F03D1/06; F03D7/02; F03D7/04; F03D11/00	PROPELLER FOR WIND GENERATOR
KR100970435B B1 20100715	KR20100040579 20100430	KET COPORATION [KR]	F03D11/00; F03D7/00; F03D11/02	HYBRID WIND POWER GENERATOR
KR100971788B B1 20100722	KR20090122145 20091210	CHANGMYEONG GUNUP CO LTD [KR]	F03D3/02; F03D3/04; F03D11/00	MULTI-STORY TYPE WIND POWER GENERATION SYSTEM
KR100972965B B1 20100729	KR20090103084 20091028	CAE KOREA CO LTD [KR]	F03D11/04; E04H12/00	A SUPPORT APPARATUS FOR A TOWER OF A WIND TURBINE
KR100973434B B1 20100805	KR20100031075 20100405	KIM JEA KU [KR]	B60L8/00; B60K16/00; F03D9/00	VEHICLE GENERATOR
KR100974468B B1 20100810	KR20090052555 20090612	HAN MYUNG JIN [KR]	F03D1/02; F03D11/02	WIND POWER GENERATOR
KR100976382B B1 20100818	KR20090079706 20090827	HEO MAN CHOL [KR]	F03D1/02; F03D1/06; F03D11/02	TWIN BLADE WIND POWER GENERATOR
KR100976570B B1 20100817	KR20090086234 20090914	HAN MYUNG JIN [KR]	F03D1/02; F03D1/06; F03D11/00	WIND POWER GENERATOR
KR100977305B B1 20100823	KR20090134268 20091230	KIM DUK BO [KR]; KIM DA WON [KR]	F03D9/00; F03D9/02; F03G5/00; F03G5/02	POWER GENERATION SYSTEM OF WIND AND HEALTH TOOL
KR100978316B B1 20100826	KR20090130034 20091223	HASEUNG CORP [KR]	F03D3/02; F03D3/06; F03D11/02	VERTICAL-SHAFT WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR100979177B B1 20100901	KR20090106592 20091105	CAE KOREA CO LTD [KR]	F03D1/04; F03D1/06; F03D11/00	WIND-TURBINE APPARATUS
KR100980471B B1 20100907	KR20090111127 20091117	HANSUNG WELLTECH CO LTD [KR]; SEO JEONG DO [KR]; SEO SEO GYO [KR]; OH HYUN MOOK [KR]	F03D3/04; F03D11/00	WIND GENERATOR WITH TWO ROWS OF ROTARY WING
KR100981754B B1 20100910	KR20100048974 20100526	MIJI ENERTECH [KR]	F03D7/00; F03D7/02	INSTALLATION FOR CONTROLLING OPTIMAL VELOCITY OF WIND GENERATOR
KR100981790B B1 20100913	KR20100042144 20100504	BANG BOO HYEON [KR]	F03D3/04; F03D11/02	LARGE CAPACITY WIND POWER GENERATOR
KR100981839B B1 20100913	KR20100022743 20100315	AHN DAE GHANG [KR]	F03D3/06; F03D3/04; F03D11/00	VERTICAL AXIS TURBINE BLADE FOR WIND POWER GENERATION SYSTEM
KR100984840B B1 20101004	KR20100038579 20100426	LEE JONG SEOK [KR]; TAEBAEK CIVIL ENGINEERING CO LTD [KR]	A01K61/00; F03D11/04	NURSERY APPARATUS FOR IMPOUNDING FISHES
KR100984862B B1 20101001	KR20090108817 20091111	SEO HYOUNG WOO [KR]	F03D3/06; F03D7/06; F03D11/00	VERTICAL AXIS WIND TURBINE
KR100987151B B1 20101012	KR20090105325 20091103	I MU IL [KR]	F03D9/00; F03D3/02; F03D3/04; F03D11/00	WIND-POWER GENERATOR
KR100987760B B1 20101013	KR20100032901 20100409	LEE JI HYUN [KR]; SAMWON MILLENNIA CO [KR]	F03D7/00; F03D1/00; F03D1/06; F03D7/04	WIND POWER GENERATION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR100988920B B1 20101020	KR20100012959 20100211	APEX COEQ LTD [KR]	F16D65/095; F03D11/00	RORTER BRAKE FOR OIL PRESSURE BRAKING OF WIND GENERATOR
KR100989877B B1 20101026	KR20100015118 20100219	LEE JI HYUN [KR]; SAMWON MILLENNIA CO [KR]	F03D7/02; F03D1/00; F03D11/00	PITCH CONTROL UNIT OF WIND POWER GENERATION
KR100991155B B1 20101102	KR20100002935 20100113	KOREA MACH & MATERIALS INST [KR]	F03D11/00; G01M19/00	TESTING APPARATUS OF SHRINK DISK FOR WIND TURBINE
KR100991370B B1 20101102	KR20090114207 20091124	KIM BYUN SOO [KR]; JUNG HYUN SEOK [KR]; LEE YONG KU [KR]	F03B17/06; F03B9/00; F03D5/02	ARRANGEMENT FOR CONVERTING FLUID ENERGY INTO ROTATIONAL ENERGY
KR100992722B B1 20101105	KR20100078458 20100813	RHIE JU CHANG [KR]	F03D11/04; F03D3/00	FOLDABLE WIND POWER GENERATOR OF VERTICAL TYPE
KR100993767B B1 20101112	KR20100080835 20100820	GENAD SYSTEM CO LTD [KR]	F03D3/06; F03D7/06; F03D11/04	VERTICAL WIND POWER GENERATOR MOVING UP AND DOWN
KR100994898B B1 20101116	KR20100025576 20100323	KIM TAE WAN [KR]	F03D7/00; F03D3/02; F03D7/02	MULTI-STAGE GENERATOR
KR100995880B B1 20101122	KR20100025189 20100322	SON JUNG HEUI [KR]; IZEN TECH CO LTD [KR]	F03D3/06; F03D11/00	WIND GENERATOR WITH TORQUE WEIGHT BALANCER
KR100996130B B1 20101125	KR20100053809 20100608	PARU CO LTD [KR]	F03D1/06; F03D7/02; F03D11/00; F03D11/02	BLADE PITCH CONTROL DEVICE FOR WIND POWER GENERATOR
KR100999230B B1 20101207	KR20100088816 20100910	KIM YONG MOON [KR]	F03D11/00; F03D1/06	HIGH PERFORMANCE BLADE APPARATUS FOR PRODUCING RENEWABLE ENERGY
KR100999320B B1 20101208	KR20100037952 20100423	SON JUNG HEUI [KR]; IZEN TECH CO LTD [KR]	F03D11/00; F03D3/06	WIND BLADE FOR WIND GENERATOR AND MANUFACTURING METHOD THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR100999545B B1 20101208	KR20100076870 20100810	PARK SANG BOK [KR]	F03D9/00; F03D3/00; F03D3/04	FLUID POWER GENERATION SYSTEM FOR SEWAGE TREATMENT STATION
KR101000628B B1 20101210	KR20090053472 20090616	KIM TAE WAN [KR]	F03D3/02; F03D3/06; F03D7/06; F03D11/00	A WIND POWER DEVICE
KR101000844B B1 20101214	KR20100050825 20100531	BANG BOO HYEON [KR]	F03D3/04; F03D3/02; F03D11/02; F03D11/04	A WIND POWER GENERATOR WITH WIND INDUCING DEVICE
KR101001432B B1 20101214	KR20100054694 20100610	SON JONG HA [KR]	F03D9/00; B08B5/00	WIND POWER GENERATOR SYSTEM BY USING WASTED WIND OF DUST COLLECTOR
KR101001812B B1 20101215	KR20100031895 20100407	HANLIM [KR]	F03D3/06; F03D11/00	BLADE-MEDIA OF MODULARIZED BLADE WIND GENERATION SYSTEM
KR101002798B B1 20101221	KR20100042213 20100506	LEE DONG CHEON [KR]	F03B17/06; F03B3/12; F03B15/08; F03D1/02	WATER AND WIND GENERATOR
KR101003176B B1 20101222	KR20100046548 20100518	CAE KOREA CO LTD [KR]	F03D3/00; F03D3/06; F03D11/00	ASSEMBLY STRUCTURE OF BLADE, ARM AND HUB FOR VERTICAL-AXIS WIND POWER GENERATOR
KR101003361B B1 20101222	KR20100032020 20100407	KIM JUEN SOO [US]	F03D1/04; F03D11/00; F03D11/04	WIND COLLECTING TOWER TYPE WIND POWER GENERATING SYSTEM
KR101004343B B1 20101227	KR20100059348 20100623	PARU CO LTD [KR]	F03D7/04; F03D3/02; F03D7/02	BLADE PITCH CONTROL DEVICE FOR WIND POWER GENERATOR
KR20100074701 A 20100702	KR20080133200 20081224	WOO JUNG TAEK [KR]	F03D3/00; F03B7/00; F03D11/00	APPARATUS OF ELECTRIC GENERATOR WITH VERTICAL VANES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100075496 A 20100702	DE200710043503 20070912	SSB ANTRIEBSTECHNIK GMBH & CO [DE]	F03D11/04; F03D1/00	SWITCHGEAR CABINET FOR A WIND FARM
KR20100075792 A 20100705	KR20100049453 20100527	KIM JOO SOO [KR]	F03D11/00; F03D7/00; F03D11/02	HIGH PERFORMANCE VERTICAL/HORIZONTAL AXIS WIND POWER GENERATOR USING 3-DIMENSIONAL ACTIVE INTELLIGENT TURBINE BLADES
KR20100076845 A 20100706	KR20080136173 20081226	KIM GI CHER [KR]; KIM HONG SU [KR]	F03D3/04; F03D3/00	WIND SPEED DEVICE
KR20100076915 A 20100706	KR20080134234 20081226	LEE BYUNG CHUL [KR]	F03D3/00; F03D11/04	BUOYANT WINDMILL
KR20100077146 A 20100707	FR20070004762 20070702	ALIZEO [FR]	F03D11/04	WIND GENERATOR WITH FOLDING MAST
KR20100077744 A 20100708	KR20080135777 20081229	HYOSUNG CORP [KR]	F03D11/00; F03D1/06	NACELLE COVER
KR20100077903 A 20100708	KR20080135981 20081229	SONG SOO NI [KR]; SONG MUNG WN [KR]	F03D9/00; F03D1/00; F03D11/00	FLOATING ON THE OCEAN WIND POWER GENERATOR SYSTEM OF ACCORDING NACELLE AUTOMATICALLY ADJUST THE BALANCE OF THE WIND DEVICE
KR20100078287 A 20100708	KR20080136507 20081230	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F03D11/00	A WIND TURBINE GEARBOX
KR20100078421 A 20100708	KR20080136678 20081230	IND ACADEMIC COOP [KR]	F24D15/04; F03D9/00; F24J2/02	THE COOLING AND HEATING SYSTEM USING SOLAR AND WIND POWER HYBRID SYSTEM
KR20100079520 A 20100708	KR20080138040 20081231	HYOSUNG CORP [KR]	F03D1/06; F03D11/00	BLADE APPARATUS FOR WIND POWER GENERATION AND WIND POWER GENERATOR HAVING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100079522 A 20100708	KR20080138042 20081231	HYOSUNG CORP [KR]	F03D11/00; F03D1/06	ROTOR BLADE FOR WIND POWER GENERATION AND WIND POWER GENERATOR HAVING THE SAME
KR20100080007 A 20100708	KR20080138621 20081231	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F03D1/06	WIND TURBINE GEARBOX WITH ROTATING HOUSING
KR20100080008 A 20100708	KR20080138622 20081231	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F16H1/00	SUSPENSION APPARATUS OF STEP-UP GEAR FOR WIND TURBINE
KR20100080009 A 20100708	KR20080138623 20081231	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F03D1/00; F03D11/00	CONNECTING APPARATUS OF GEAR BOX AND GENERATOR IN WIND TURBINE
KR20100080010 A 20100708	KR20080138624 20081231	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F03D1/00; F03D11/00	GEAR BOX APPARATUS OF POWER DIVISION TYPE IN WIND TURBINE
KR20100080494 A 20100708	KR20097010093 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D1/02; F03D7/02; F03D11/00	PITCH DRIVE DEVICE OF WIND-DRIVEN GENERATOR AND WIND-DRIVEN GENERATOR
KR20100080677 A 20100712	KR20090000075 20090102	LEE JAE MIN [KR]; LEE SUN HO [KR]	F03D3/02; F03D3/04; F03D11/00	WIND TURBINE
KR20100080787 A 20100712	US20070970328P 20070906	WATT3 INC [CA]	F03D3/00; F03D3/06; F03D11/00	ENERGY EXTRACTION DEVICE WITH AT LEAST ONE BANK OF BLADES
KR20100080955 A 20100714	KR20070039599 20070424	YUN YU HYEON [KR]; YUN GI HYEON [KR]	F03D1/04; F03D1/00; F03D5/00	METHODS OR APPARATUS FOR CREATIVE PRODUCING ENERGY CONTINUALLY FOR ELECTRICITY IN GREAT VOLUME, MOVING OBJECTS INCLUDING AIRPLANE, TRAIN, SHIP, AUTOMOBILE, SATELLITE (FOR BROADCASTING, COMMUNICATION, ETC.), SMALL BATTERY, AND OTHER PURPOSES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100081390 A 20100715	KR20090000611 20090106	YU JE WOO [KR]	F03D1/06; F03D1/00; F03D11/00	PROPELLER WING WITH CONNECTING ROAD SHAPED LIKE AIRPLANE WING
KR20100081892 A 20100715	KR20090001323 20090107	KIM JONG HWAN [KR]	F03D11/04; F03D3/00; F03D11/00	SABONIUS,DARIUS MIX BLADE VERTICAL WIND GENERATOR
KR20100082735 A 20100719	KR20090002012 20090109	NEXTOP CO LTD [KR]; KOREA IND TECH INST [KR]	F03D9/02; F03B13/00; F24J3/00	SYSTEM FOR STORING AND TRANSFORMING ENERGY BY USING FLUID COMPRESSION TYPE
KR20100082753 A 20100719	KR20100060303 20100625	HEO HYUN KANG [KR]	F03D1/02; F03D7/02; F03D11/00; F03D11/02	WIND POWER GENERATOR
KR20100082782 A 20100719	US20070994741P 20070920	DEHLSEN ASSOCIATES L L C [US]	F03D9/00	RENEWABLE ENERGY FLUID PUMP TO FLUID-BASED ENERGY GENERATION
KR20100082800 A 20100719	KR20107011804 20080618	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	DEVICE AND METHOD FOR MONITORING DYNAMIC CHARACTERISTICS OF WINDMILL
KR20100083045 A 20100721	KR20090002403 20090112	JEONG JA CHUN [KR]	F03D3/06; F03D3/00	WIND POWER GENERATOR
KR20100084352 A 20100726	KR20090003792 20090116	TNET CO LTD [KR]	F03D3/00; F03D7/00	POWER SUPPLY APPARATUS FOR WIND POWER GENERATOR
KR20100084353 A 20100726	KR20090003793 20090116	TNET CO LTD [KR]; SEUNG DUCK NAM [KR]	F03D3/06; F03D3/00	BLADE-ANGLE ADJUSTMENT DEVICE OF AEROGENERATOR
KR20100084354 A 20100726	KR20090003794 20090116	TNET CO LTD [KR]	F03D3/06; F03D3/00	BLADE-ANGLE ADJUSTMENT DEVICE OF AEROGENERATOR
KR20100084355 A 20100726	KR20090003795 20090116	TNET CO LTD [KR]	F03D3/02; F03D3/06; F03D7/06	BLADE OF AEROGENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100084356 A 20100726	KR20090003796 20090116	TNET CO LTD [KR]	F03D11/04; F03D3/00; F03D3/06	BLADE SUPPORT STRUCTURE OF AEROGENERATOR
KR20100084805 A 20100728	KR20090004136 20090119	RYU BYUNG SUE [KR]; YU YOUNG SIL [KR]	F03D3/04; F03D3/00	WIND TURBINE WITH WIND GUIDE
KR20100085229 A 20100729	KR20090004411 20090120	RHO YOUNG GYU [KR]	F03D7/00; F03D11/00; F03D11/02	HORIZONTAL-VERTICAL AXIS VARIABE TYPE WIND POWER GENERATION
KR20100085500 A 20100729	KR20090004804 20090120	LEE DONG CHAN [KR]	F03D11/02; F03D11/00	AEROGENERATOR
KR20100086199 A 20100730	KR20090005430 20090122	MIN SUNG GI [KR]	F03D3/06; F03D11/00; F03D11/04	WIND VELOCITY REDUCTION EQUIPMENT OF ROTARY TYPE
KR20100086373 A 20100730	KR20090005709 20090122	LG ELECTRONICS INC [KR]	F03D5/00; F03D11/04	ATMOSPHERIC VORTEX GENERATOR AND WIND POWER GENERATOR USING THE SAME
KR20100086718 A 20100802	KR20090006095 20090123	PARK WAN GYU [KR]	F03D3/00; F03D3/06; F03D11/00	A WINDPOWER GENERATOR
KR20100086772 A 20100802	KR20090006173 20090123	SAMSUNG HEAVY IND [KR]	F03D1/00; F03D11/04	NACELLE STRUCTURE OF WIND GENERATOR
KR20100086798 A 20100802	KR20090006221 20090123	SOLETANCHE FREYSSINET [FR]	F03D11/04; E01D21/00; F03D11/00	METHOD FOR THE CONSTRUCTION OF A CIVIL ENGINEERING STRUCTURE AND ASSOCIATED SYSTEM
KR20100086873 A 20100802	KR20090006320 20090123	SAMSUNG HEAVY IND [KR]	F03D7/02; F03D1/00	SYSTEM FOR PITCH ANGLE CONTROL OF WIND TURBINE
KR20100087095 A 20100803	US20070972099P 20070913; US20080019117P 20080104	FLOATING WINDFARMS CORP [US]	F03D11/04; F03D3/00	OFFSHORE VERTICAL-AXIS WIND TURBINE AND ASSOCIATED SYSTEMS AND METHODS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100087180 A 20100803	KR20107011390 20080605	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WINDMILL VANE AND WIND POWER GENERATOR UTILIZING THE SAME
KR20100087413 A 20100805	KR20090006387 20090127	LEE JIN MYEONG [KR]	F03D9/00; F03D1/00; F03D11/02	THE WIND POWER CHARGING SYSTEM OF THE ELECTRIC MOTORCAR WHICH CONSIDERS A TRAVELLING STABILITY
KR20100087415 A 20100805	KR20090006393 20090128	GA CO LTD [KR]	F21S13/10; F03D9/00	STREETLIGHT USING WIND POWER OF VEHICLES
KR20100087570 A 20100805	KR20090006664 20090128	YANG WON DONG [KR]	F03D9/00; F03D11/00; G09F21/06	ADBALLOON AND HOT AIR STICKING WIND FORCE SYSTEM
KR20100087613 A 20100805	KR20090007191 20090128	MIN SUNG GI [KR]	F03D9/00; F03D5/00; F03D11/00	WIND VELOCITY REDUCTION EQUIPMENT OF VEHICLES
KR20100087794 A 20100806	KR20090006779 20090129	JEONG JA CHUN [KR]	F03D3/06; F03D3/00; F03D11/00	WIND POWER GENERATOR
KR20100087795 A 20100806	KR20090006780 20090129	JEONG JA CHUN [KR]	F03D3/06; F03D3/00; F03D11/00	WIND POWER GENERATOR
KR20100088352 A 20100809	KR20090007519 20090130	HAN MYOUNG KYU [KR]	F03D9/00; F03D1/06; F03D11/00	A WIND POWER GENERATING SYSTEM WHICH REUSES LEFTOVER WIND POWERS OF THE LARGE-SIZE WIND GENERATING APPARATUS
KR20100089997 A 20100813	KR20090009216 20090205	EURO KOREA [KR]	F03D9/00; F03D3/00; F24D13/00	WIND POWER OCCURRENCE SYSTEM AND HAD THIS ELECTROLYSIS SYSTEM AND THE HEATING APPARATUS WHICH WILL BITE
KR20100090023 A 20100813	KR20090009262 20090205	JOUNG PIL KYOU [KR]; KIM KYOUNG JUNG [KR]	F03D1/06; F03D7/04; F03D11/00	ROTOR BLADE FOR WIND FORCE DEVELOPMENT DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100090499 A 20100816	KR20090009815 20090206	KIM TAE HOON [KR]	F03D11/04; F03D1/06; F03D11/00	WIND TURBINE NACELLE WITH INTEGRAL SERVICE CRANE FOR ACCESSING TURBINE COMPONENTS
KR20100090823 A 20100818	KR20090010011 20090209	GJ TECH CO LTD [KR]	F03D1/06; F03D1/00; F03D11/00	WINDMILL FOR WIND POWER GENERATION
KR20100091736 A 20100819	KR20090011070 20090211	GANG SEUNG GOO [KR]	F03D3/06; F03D11/00	VERTICAL AXIS WIND TURBINE USING MOTOR FOR OPENING AND CLOSING DOOR-WINGS
KR20100091740 A 20100819	KR20090011074 20090211	GANG SEUNG GOO [KR]	F03D3/06; F03D3/00	VERTICAL AXIS WIND TURBINE USING CENTRIFUGAL FORCE FOR OPENING AND CLOSING DOOR-WINGS
KR20100091759 A 20100819	KR20090011107 20090211	LEE CHANG HYUNG [KR]	F03D3/06; F03D3/00; F03D11/00	WIND POWER GENERATOR
KR20100092110 A 20100820	KR20090011310 20090212	PHIL & G TECHNOLOGY CO LTD [KR]	F03D11/04; F03D7/02; F03D11/00	WIND POWER GENERATOR
KR20100092621 A 20100823	KR20090011829 20090213	NAM TAE WOO [KR]	F03D11/00; F03D1/06; F03D3/06	BLADE FOR WIND POWER GENERATION ABLE TO RAGULATE AUTO-PITCH
KR20100093013 A 20100824	KR20100061594 20100622	BACK JONG MUN [KR]	E01C1/00; E01C11/26; E01F9/00; F03D9/00	GROUND-FLOON-PEN A TWO STONEYED BUNDLE A ROAD ENECTION GANG
KR20100093203 A 20100825	KR20090012282 20090216	KIM YOUNG [KR]; PARK SU HUN [KR]; KIM HOON CHUL [KR]	F03D7/00; F03D11/02	CUMULATIVE MULTI-POLE/MULTI-STAGE WIND-POWER GENERATOR
KR20100093545 A 20100825	KR20107011886 20071109	MOOG INC [US]	F03D7/02	ELECTRO-HYDRAULIC ACTUATOR FOR CONTROLLING THE PITCH OF A BLADE OF A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100093700 A 20100826	KR20090012753 20090217	KIM DO MYUNG [KR]	F03D3/04; F03D3/06; F03D11/00	STEP-UP WIND SPEED SYSTEM
KR20100094252 A 20100826	KR20090013582 20090218	KIM SANG ROK [KR]; WON BAIK HEE [KR]; UIL ENGINEERING CONSTRUCTION C [KR]; LEE DOO CHANG [KR]	F03D11/02; F03D3/02; F03D7/06	GENERATOR USING WIND POWER
KR20100094334 A 20100826	KR20097007263 20090107	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F03D7/02; H02P9/04	WIND-DRIVEN GENERATOR AND OUTPUT CONTROL METHOD OF THE SAME
KR20100096155 A 20100901	US20080011189P 20080114	CLIPPER WINDPOWER INC [US]	F03D1/06; F03D3/06; F03D11/00	A MODULAR ROTOR BLADE FOR A POWER-GENERATING TURBINE AND A METHOD FOR ASSEMBLING A POWER-GENERATING TURBINE WITH MODULAR ROTOR BLADES
KR20100096226 A 20100901	US20070991789P 20071203; US20070017816P 20071231; US20080037011P 20080317; US20080058235P 20080603	FARB DANIEL [IL]	F03D1/04	CONSTRUCTION OF AN IN-PIPE TURBINE
KR20100096575 A 20100902	KR20090015499 20090224	LEE YONG IN [KR]	F03D11/02; F03D1/00; F03D1/06	WING OF VARIABLE PITCH CONTORL
KR20100097364 A 20100903	KR20090016265 20090226	TAE CHANG N E T CO LTD [KR]	F03D11/02; F03D3/00; F03D11/00	BLADES HUD APPARATUS OF VERTICAL STYLE WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100098788 A 20100910	KR20090017452 20090302	KIM EUN AE [KR]; JUNG KUG JIN [KR]	F03D9/00; F03D1/00	WIND POWER GENERATION BY CAR DRIVING WIND
KR20100098974 A 20100910	KR20090017713 20090302	KF E & E CO LTD [KR]; KWON O SANG [KR]	F03D1/06; F03D1/00; F03D11/00	ROTOR FOR WIND POWER GENERATOR HAVING FLEXIBLE TURBINE BLADE
KR20100099143 A 20100910	HU20070000705U 20071030	GYOERGYI VIKTOR [HU]	F03D3/06; F03D11/00	WIND TURBINE WITH VERTICAL AXIS AND WIND POWER PLANT
KR20100099794 A 20100915	KR20090018307 20090304	HEO HYUN KANG [KR]	F03B13/00; F03B17/00; F03D5/00; F03D9/00	POWER GENERATION SYSTEM USING WIND AND OCEAN CURRENT
KR20100100014 A 20100915	KR20090018655 20090304	SONG SOO NI [KR]; SONG MUNG WN [KR]	F03G5/04; F03D1/00; F03G3/00; H02K57/00	WITH PERSONS OR LIVESTOCK MOVEMENT SYSTEMS, AND POWER PRODUCTION DEVELOPMENT SYSTEMS
KR20100100435 A 20100915	KR20090019327 20090306	CHOI YOUNG GU [KR]	F03D1/06; F03D1/00; F03D11/00	HORIZONTALLY INSTALLED WINDMILL FOR WIND POWER GENERATOR
KR20100100580 A 20100915	KR20090019068 20090304	LEE JOON HO [KR]	F03G7/00; F03B17/00; F03D9/00	FRICTIONAL ELECTRIC GENERATOR
KR20100101044 A 20100916	KR20097014307 20081219	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D1/00; F03D11/02	ROTOR HEAD OF WIND-DRIVEN GENERATOR AND WIND-DRIVEN GENERATOR
KR20100101287 A 20100917	KR20090019693 20090309	WON BAIK HEE [KR]; KIM SANG ROK [KR]; UIL ENGINEERING CONSTRUCTION C [KR]; LEE DOO CHANG [KR]	F03D11/02; F03D3/00; F03D3/02	WIND POWER GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100101542 A 20100917	KR20090019568 20090309	PYEONG SAN CO LTD [KR]	F16C33/64; F03D11/00; F16C33/58; F16C33/62	BEARING FOR GENERATOR USING WIND POWER AND COATING METHOD OF BEARING
KR20100102365 A 20100924	KR20090020708 20090311	KIM JOO IK [KR]	F03D9/00; F03D1/04; F03D5/00	TORNADO WILD GENERATOR
KR20100102481 A 20100924	KR20090020894 20090311	NAM TAE WOO [KR]	F03D1/06; F03D1/00; F03D11/00	BLADE FOR WIND POWER GENERATION
KR20100103724 A 20100927	JP20080026720 20080206; JP20080320242 20081216; JP20080323231 20081219; JP20080332066 20081226	IHI CORP [JP]	F03D9/00; B21B45/02	HOT RADIATOR STORING YARD GENERATING-APPARATUS
KR20100103901 A 20100929	KR20090021970 20090316	KIM SANG HUN [KR]	F03D3/06; F03D11/00	VERTICAL-AXIS WIND TURBINE
KR20100104308 A 20100929	KR20090022633 20090317	O UI GYO [KR]; PARK KANG HO [KR]	F03D9/00; F03D5/00	A GENEGATING APPARATUS WITH RAIL CAR TRAVELING WIND
KR20100104967 A 20100929	KR20090023730 20090320	SU HONG SUK [KR]	F03D3/06; F03B3/14; F03B11/00; F03D11/00	VARIABLE WINGS TURBINE
KR20100105037 A 20100929	KR20090023835 20090320	SAMSUNG HEAVY IND [KR]	F03D11/02; F03D7/00; F03G7/00	POWER SUPPLY USING THERMOELECTRIC DEVICE AND METHOD OF SUPPLYING POWER BY USING THERMOELECTRIC DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100105094 A 20100929	KR20090023938 20090320	WOO JUNG IN [KR]; JEONG HUI GYUN [KR]	F03D1/06; F03D1/00; F03D11/00	THE BLADE FOR THE SMALL-SIZED WIND POWER GENERATOR AND WIND POWER GENERATING USING THE SAME
KR20100105177 A 20100929	KR20090024070 20090320	KANG SEONG KWANG [KR]	F03D9/00; F03D3/00; F03D3/02	WIND POWER GENERATOR
KR20100105522 A 20100929	KR20100086858 20100906	PARK SUNG KYU [KR]	F03B13/26; B63B38/00; F03D9/00	THE METHOD OF HYDROPOWER MAKING A TIDAL POWER GENERATION
KR20100105911 A 20101001	KR20090024252 20090323	KIM JIN WAN [KR]	F03D7/02; F03D1/00; F03D11/00	WIND POWER SYSTEM HAVING STABILITY
KR20100106020 A 20101001	KR20090024437 20090323	CHO KWANG SUP [KR]	F03D9/00; F03D3/00; F03D7/00	AEROGENERATOR FOR CHIMNEY
KR20100106284 A 20101001	KR20100089374 20100909	GIM SANG SEO [KR]	F03D9/00; F03D1/02; F03D1/04; F03D11/04	GENERATING APPARATUS
KR20100106305 A 20101001	SG20070016868 20071009	DRAGON ENERGY PTE LTD [SG]	F03D3/04; E04D13/00; F03D11/04	WIND ENERGY CONVERSION SYSTEM
KR20100106720 A 20101004	KR20090024823 20090324	HERR POK HOI [KR]	F03D3/06; F03D3/00; F03D11/00	THE ROTOR WHICH HAS 4 FLAT PLATE BLADES WITH 4 SUB-PIVOTS
KR20100106731 A 20101004	KR20090024839 20090324	NAM JONG WOO [KR]	F03D1/04; F03D11/04	APPARATUS WHICH GENERATES ELECTRICITY USING AN AIR FLOW
KR20100108487 A 20101007	KR20090026708 20090329	PARK SEONG SOO [KR]	F03B13/00; F03D9/00; F24J2/02	OCEAN ENERGY-MIX GENERATION-AREA FOR MARINE ENERGY-MIX GENERATION EQUIPMENT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100108712 A 20101008	KR20090026856 20090330	YU CHUAN TECHNOLOGY ENTPR CO LTD [TW]	F02B43/10; B60W10/26; F02B67/08; F03D9/00	OXYHYDROGEN VEHICLE
KR20100109093 A 20101008	KR20090027513 20090331	KIM KOOK JIN [KR]	F03D9/00; F03D3/00; H01L31/042	COMPLEX GENERATOR USING SOLAR AND WIND
KR20100109235 A 20101008	KR20090027739 20090331	SNU R&DB FOUNDATION [KR]	F03D3/06; B64C9/00; F03B15/20; F03D7/06	FLAP CONTROL DEVICE
KR20100109533 A 20101008	KR20100086789 20100906	LEE SEA JOONG [KR]	F03D3/00; F03D3/04; F03D3/06; F03D11/00	WIND GENERATOR THAT IMPROVE GENERATION EFFICIENCY
KR20100109825 A 20101011	KR20090028713 20090401	CHUN JAE GI [KR]	F03D9/00; F03D3/04; F03D3/06; F24F7/02	THE METHOD OF WIND GENERATION IMPROVING VENTILATOR
KR20100110535 A 20101013	KR20090028913 20090403	WOO JUNG IN [KR]; JEONG HUI GYUN [KR]; WOO SUNG HOON [KR]	F03D1/06; F03D11/00	A ACCEPTANCE TYPE BLADE AND THE WIND POWER ELECTRONIC POWER PLANT WHICH USING THE SAME
KR20100110637 A 20101013	KR20090029071 20090403	DONG HEUNG CO LTD [KR]	F03G7/00; F03D9/00; F24J2/00	MULTIPLE PURPOSE INTEGRATED POWER COGENERATION SYSTEM USING SOLAR ENERGY AND WIND POWER
KR20100110917 A 20101014	KR20090029177 20090406	JOHN NELSON [US]; MICHAEL BAKER [US]; CHRIS WILSON [US]	F03D11/02; F03D1/02	THE AEROGENERATOR IN WHICH THE ROTATION OF THE ROTATION BODY IS FACILITATED

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100110918 A 20101014	KR20090029178 20090406	JOHN NELSON [US]; CHRIS WILSON [US]; MICHAEL BAKER [US]	F03D1/02; F03D11/02; F03D11/04	THE AEROGENERATOR IN WHICH THE HORIZONTAL MAINTENANCE INSTRUMENT OF THE ROTATING VANE IS EQUIPPED
KR20100111585 A 20101015	KR20090030096 20090407	CHANG KYUNG SUN [KR]	F03D3/06; F03D11/00	THE LEAF STYLE WINGS FOR WIND POWER
KR20100112152 A 20101018	EP20080100085 20080104	KONINKL PHILIPS ELECTRONICS NV [NL]	E01F9/015; E01F9/016; F03D9/00; F21S9/03	REFLECTOR POLE
KR20100114387 A 20101025	KR20090032892 20090415	HYOSUNG CORP [KR]	F03D7/00	POWER GENERATION USING A SELECTIVE GENERATOR TYPE AND METHOD FOR GENERATOR CONTROLLING THEREOF
KR20100117119 A 20101102	JP20080278643 20081029	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND POWER GENERATOR, AND CONTROL METHOD THEREFOR
KR20100117129 A 20101102	JP20080215769 20080825	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00	DEVICE, METHOD AND PROGRAM FOR ADJUSTING RESTRICTION ON OPERATION OF WINDMILL
KR20100117641 A 20101103	DK20080000164 20080206	IB ANDRESEN IND AS [DK]	E04H12/08; F03D11/04	TOWER ELEMENT
KR20100118285 A 20101105	KR20090037032 20090428	SHIN SE YONG [KR]	F03D3/04; F03D3/06; F03D11/00	STRUCTURE OF SAVONIUS TURBINE FOR WIND POWER GENERATOR
KR20100118395 A 20101105	KR20090037217 20090428	SONG SOO NI [KR]	F03D1/06; F03D11/00; F03D11/02	FOLDING BLADES SYSTEM
KR20100118549 A 20101105	KR20060048990 20060530	NEXTOP CO LTD [KR]	F03B13/22; F03B13/14; F03B13/26; F03D5/00	POWER GENERATION SYSTEM USING WIND FORCE, TIDE, OCEANIC CURRENT, AND WAVE-FORCE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100118622 A 20101108	KR20090037392 20090429	SONG JAE HYUNG [KR]; LEE HO SEOK [KR]	F03D1/00; F03D1/02; F03D9/00; F03D11/04	WIND POWER TURBINES
KR20100118739 A 20101108	KR20090037585 20090429	YOON YONG HO [KR]; KIM SIK [KR]; HWANG MI BO [KR]	F03D3/04; F03D11/00	APPARATUS FOR GENERATING BY WIND POWER
KR20100118741 A 20101108	KR20090037588 20090429	YOON YONG HO [KR]; KIM SIK [KR]; HWANG MI BO [KR]	F03D3/02; F03D3/04	APPARATUS FOR GENERATING BY WIND POWER
KR20100119008 A 20101109	KR20090037904 20090430	JO KUNG JUN [KR]	F03D9/00; F03D1/00	AIR RESISTANCE TRANSFORMATION FOR POWER GENERATION HYBRID CAR
KR20100119283 A 20101109	KR20090038316 20090430	LEE SEE YOUNG [KR]	F03D11/00; F03D1/06; F03D11/02	SPRINKLER ON AEROGENERATOR AND SPRINKLING METHOD
KR20100119290 A 20101109	KR20090038324 20090430	LEE SEE YOUNG [KR]	F03D11/00; F03D1/00	SPRINKLER ON AEROGENERATOR AND SPRINKLING METHOD
KR20100119461 A 20101109	KR20090038802 20090430	CHOI BONG SEOK [KR]	F03D3/04; F03D11/00	FOR WINDPOWER REGULATION(MANY OR LITTLE) SYSTEM
KR20100121064 A 20101117	KR20090040030 20090508	KOO DONG HOI [KR]	F03D9/00; F02G1/043; F03G6/02; F24D11/00	COMPLEX NEW RECYCLE ENERGY TRACKER
KR20100121194 A 20101117	KR20090040241 20090508	EDWARD VICTOR SMITH [US]	F03D11/02; F03D1/00; H02K7/18	THE AEROGENERATOR
KR20100121198 A 20101117	KR20090040246 20090508	JANG GUN TAE [KR]	F03D9/00; F03D3/02; F03D11/00	WIND POWER GENERATOR USING LIFT FORCE
KR20100121274 A 20101117	KR20090040348 20090508	SOK JONG UK [KR]	F03D1/02; F03B13/00; F03D11/00	A PROPELLER FOR GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100121694 A 20101118	JP20070039861 20070220	NOGUCHI TSUNEO [JP]	F03D3/06; F03D3/04; F03D7/06	VERTICAL SHAFT WINDMILL
KR20100121917 A 20101119	KR20090040849 20090511	KOREA ENERGY RESEARCH INST [KR]	F03D9/00; F03D3/00; F24J2/02	STRUCTURE FOR ESTABLISHING VERTICAL AXIS TYPE WIND POWER GENERATION
KR20100122064 A 20101119	KR20100044043 20100511	LEE MYUNG HO [KR]	F03D3/06; F03D11/00	VERTICAL WIND POWER GENERATOR
KR20100122203 A 20101122	KR20090041131 20090512	KUEN TAE HYUNG [KR]	F03D9/00; F24J2/02; H01L31/042	LEAVES SPACE THE BALLOON AND THE MISCONDUCT ORGANIZATION IN AIR AND THE SCENERY ELECTRICITY WHICH PRODUCES AN ELECTRICITY WITH THE WIND POWER AND THE SOLAR STOREHOUSE AND ABOUT HIM PRODUCTIVE METHOD
KR20100122253 A 20101122	KR20090041203 20090512	HIGHCON CONSTRUCTION ENGINERING CONSULTANTS [KR]; MUN BYEONG HAK [KR]	F03B17/06; F03B13/00; F03D9/00	THE POWER GENERATION DEVICE AND IT'S METHOD WHICH A WIND AND CURRENT WAS USED
KR20100122254 A 20101122	KR20090041204 20090512	HIGHCON CONSTRUCTION ENGINERING CONSULTANTS [KR]; MUN BYEONG HAK [KR]	F03D9/00; F03B17/06; F03D11/02	THE POWER GENERATOR AND IT'S METHOD FOR WHICH CAR RUNNING WIND WAS USED
KR20100122850 A 20101123	KR20090041478 20090513	LEE DONG HAK [KR]	F03D9/00; F03B13/12; F03D5/04	GENERATOR USING WIND POWER, WATER POWER, TIDAL POWER OR TIDAL CURRENT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100123222 A 20101124	KR20090042318 20090515	AHHA ENERGY CO LTD [KR]; HEO HYUN KANG [KR]	F03D1/02; F03D7/04; F03D11/02	WIND POWER GENERATOR
KR20100123769 A 20101124	JP20080227372 20080904	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	WIND WHEEL BLADE
KR20100123782 A 20101124	CN20051090760 20050816; CN20051117451 20051102; CN20041091154 20041122	CONG YANG [CN]	F03D9/00; F03D3/02; F03D3/04; F03D9/02	WIND-AIR ENGINE, NAMELY ENGINE USING WIND AND AIR PRESSURE AS ENERGY TO REPLACE FUEL
KR20100123968 A 20101126	KR20090042964 20090518	YOUN KOO HYUN [KR]	F03D7/06; B62M23/02; F03B13/26; H02K21/00	GENERATOR OF ELECTRIC POWER USING WIND, WATER AND AIR, THE GENERATOR ATTACHING EVEN NUMBER SQUARE SHAPED AMPLIFIERING MOTOR
KR20100123985 A 20101126	KR20090042996 20090518	KIM BEOM SANG [KR]	F03D3/02; F03D11/02	A WIND POWER PLANT
KR20100124084 A 20101126	KR20090043145 20090518	SONG JI WON [KR]	F03D3/06; F03D11/00	VERTICAL AXIS TURBINE SYSTEM
KR20100124388 A 20101129	KR20090043351 20090519	KIM BEOM SANG [KR]	F03D3/04; F03D11/00	A WIND POWER PLANT
KR20100124893 A 20101130	KR20090043826 20090520	KWON JU MUN [KR]	F03D3/02; F03D11/02	A WIND POWER GENERATOR WITH A AUXILIARY BLADE
KR20100125002 A 20101130	KR20090043988 20090520	WINS KOREA [KR]	F03D9/00; F24J2/02; F24J2/38; H01L31/042	A COMPLEX GENERATING SYSTEM
KR20100125373 A 20101130	JP20080074659 20080321	SINFONIA TECHNOLOGY CO LTD [JP]	F03D7/00	WINDMILL ROTATION DETECTION/MANAGEMENT DEVICE AND WIND POWER GENERATION SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100125411 A 20101130	KR20107023026 20080806	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	WINDMILL BLADE AND WIND POWER GENERATOR USING SAME
KR20100125458 A 20101130	JP20080248556 20080926	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D11/00	STRESS ANALYSIS DEVICE OF WINDMILL STRUCTURE, COMPUTER-READABLE RECORDING MEDIUM WITH STRESS ANALYSIS PROGRAM RECORDED THEREON, AND WIND POWER SYSTEM
KR20100126265 A 20101201	US20070001443P 20071101	WINDURANCE LLC [US]	F03D7/00; B64C11/44; F03B15/04; F03D11/00	SYSTEM AND METHOD FOR CONTROLLING A TURBINE BLADE
KR20100126765 A 20101202	JP20080193948 20080728	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND-DRIVEN ELECTRIC POWER GENERATOR
KR20100126766 A 20101202	KR20107021436 20080704	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND-POWER GENERATION DEVICE
KR20100126873 A 20101203	KR20090045274 20090525	JEJU COLLEGE OF TECHNOLOGY INDUSTRY ACADEMIC COOPERATION FOUNDATION [KR]; DAEWON INSTR ELECTIC CO LTD [KR]	B63B22/16; B63B45/00; F03B13/26; F03D9/00	INDIVIDUAL INDIE-TYPE UNUSUALNESS ELECTRICITY DEVICE
KR20100127534 A 20101206	KR20090046021 20090526	TAE CHANG N E T CO LTD [KR]	F03D1/00; F03D11/02	APPARATUS FOR GENERATING BY WIND POWER
KR20100127687 A 20101206	KR20090046722 20090526	OM JAE PUNG [KR]	F03D11/00; F03B17/00; F03D1/06; F03D3/06	A GENERATOR FOR FLOWER
KR20100127967 A 20101207	KR20090046332 20090527	KIM BONG HWAN [KR]	F03D9/02; F03D11/00	WIND POWER GENERRATION SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100127991 A 20101207	KR20090046374 20090527	KIM HEON KYU [KR]	F03D11/02; F03D1/00	WIND GENERATOR
KR20100128187 A 20101207	KR20090046680 20090527	LEE YONG IN [KR]	F03D9/00; C02F1/74; F03D11/02	HYDRAULIC HEAT CHANGING-EQUIPMENT OF USE WIND FORCE AND WATER-TANK QUALITY OF WATER A PURIFIER WITH BOND HYBRID SYSTEM
KR20100128200 A 20101207	KR20090046700 20090527	LEE KYONG HO [KR]; KIM DONG JIN [KR]	F03D11/00; F03D1/06	ROTATING BODY HAVING ROTOR BLADES COMPRISING MASS CHANGING PORTION
KR20100128774 A 20101208	KR20090047377 20090529	LEE DAL EUN [KR]	F03D11/00; F03D1/06	TUBE ROTOR BLADE CONSTRUCTION FOR A WIND-DYNAMOTOR
KR20100129483 A 20101209	KR20090048067 20090601	LEE DAL JOO [KR]	F03D5/00; F03D11/02	WIND POWER GENERATOR SYSTEM
KR20100129501 A 20101209	KR20090048095 20090601	TAE CHANG N E T CO LTD [KR]	F16D65/21; F03D11/02	BREAKER SYSTEM USING MAGNETIC FORCE
KR20100129515 A 20101209	KR20090048112 20090601	LIM MI SUK [KR]	F03D9/00; E01D19/00; F03D3/02	A WIND GENERATOR UNDER THE BRIDGE
KR20100129573 A 20101209	KR20090048209 20090601	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/00; F03D11/02	SLIP RING CONNECTION DEVICE FOR WIND TURBINE
KR20100129574 A 20101209	KR20090048210 20090601	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/02; F03D11/04	WIND TURBINE REACTION SYSTEM
KR20100129823 A 20101210	KR20090048373 20090602	KIM YOUNG HO [KR]	F03D7/06; F03D3/06; F03D11/00	GENERATOR USE WIND POWER OR WATER POWER
KR20100129824 A 20101210	KR20090048374 20090602	KIM YOUNG HO [KR]	F03D3/06; F03B13/00; F03D9/00; F03D11/00	IMPELLER TYPE WIND POWER GENERATOR HAVE SPEED GOVERNOR
KR20100131537 A 20101216	KR20090050180 20090607	SEO YONG GYUN [KR]	F03D3/06; F03D3/02; F03D11/00	SELF-STARTING VERTICAL AXIS WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100131843 A 20101216	KR20090050651 20090608	WOOJU LNT CO LTD [KR]	F03D1/02; F03D11/00; F03G3/00; F24J2/02	WIND POWER GENERATOR USING WATER FOR A LAMP
KR20100131855 A 20101216	KR20090050669 20090608	KIM PAL MAN [KR]	F03D9/00; F03D3/04	WIND POWER GENERATOR FOR ROAD
KR20100131892 A 20101216	KR20090051227 20090608	OM JAE PUNG [KR]	F03D3/02; F03D3/04; F03D11/02	A GENERATOR FOR WIND POWER
KR20100131903 A 20101216	KR20090050660 20090608	KIM PAL MAN [KR]	F03D3/04; F03D7/06; F03D11/02; F03D11/04	WIND-ACCELERATION TYPE WIND POWER GENERATOR
KR20100133338 A 20101221	KR20100114318 20101117	LEE MI HWA [KR]	F03D5/00; F03D1/04; F03D9/00; F24J2/00	WIND POWER JENERATOR DEVICE USING SOLAR
KR20100133850 A 20101222	KR20090052590 20090613	JU YOUNG DAE [KR]	F03D3/04; F03D3/02; F03D11/00	WIND POWER GENERATOR
KR20100134272 A 20101223	KR20090052806 20090615	KWON LEE HWAN [KR]	F03D3/06; F03D11/00; F03D11/04	WIND TURBINE GENERATOR
KR20100134388 A 20101223	KR20090052993 20090615	PUSAN NAT UNIV IND COOP FOUND [KR]	F03D5/06; F03D7/00; F03D11/00	WIND TURBINE APPARATUS
KR20100134866 A 20101224	KR20090053210 20090616	KOH II HWAN [KR]	F03D3/06; H01L31/042	ALTERNATIVE ENERGY SYSTEM USING THE BUILDING VENTS
KR20100134869 A 20101224	KR20090053213 20090616	KOH II HWAN [KR]	F03D9/00; F03D11/00; H01L31/042	ALTERNATIVE ENERGY SYSTEM USING THE SUBWAY VENTS
KR20100135058 A 20101224	KR20090053504 20090616	INST SCIENCE & TECH KWANGJU [KR]	F03D1/02; F03D1/04	A DUCT TYPE WIND POWER GENERATOR WITH DUAL ROTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
KR20100135624 A 20101227	KR20090054104 20090617	LEE DAL EUN [KR]	F03D1/00; F03D9/02; F03D11/00	AN APPARATUS FOR GENERATING A COMPRESSED AIR USE OF WIND
KR20100136530 A 20101228	EP20080450047 20080331	AMSC WINDTEC GMBH [AT]	F03D11/02; F16H47/04	VARIABLE RATIO GEAR
KR20100136772 A 20101229	KR20090055052 20090619	SHIN YOUNG CHUL [KR]	F03D9/00; F24J2/02	ELECTRONIC GENERATOR USING SOLAR AND WIND POWER
KR20100137045 A 20101230	KR20090055258 20090621	LEE DONG CHEON [KR]	F03D3/06; F03D7/06; F03D11/00	A WIND POWER UNIT USING A SUPPORT VENTILATING UNIT AND A WIND POWER METHOD THEREOF
KR20100137046 A 20101230	KR20090055259 20090621	LEE DONG CHEON [KR]	F03D5/00; F03D7/00; F03D11/00	A WIND POWER UNIT USING A SUPPORTING FRAME AND SUPPORTING VENTILATING UNIT AND A WIND POWER METHOD THEREOF
KR20100138012 A 20101231	KR20090056334 20090624	CHOI KYEONG HYEEN [KR]	F03D9/02; F03D11/00	DEVICE FOR REQULATING THE WIND FORCE
KR20100138557 A 20101231	KR20090057143 20090625	RYOO YOUNG HO [KR]	F03D9/00; B60L8/00; B60W10/24; B60W20/00	THE HYBRID CAR SYSTEM WHICH APPLIES THE WIND POWER
KR20100138621 A 20101231	KR20090057221 20090625	LEE DAL EUN [KR]	F03D1/06; F03D11/00	ROTOR BLADE FOR A WIND POWER PLANT
KR20100138678 A 20101231	KR20090058016 20090625	LEE JONG MOK [KR]	F03D9/00; B60W10/24; B60W20/00	THE HYBRID AUTOMOBILE HAVING FORCE OF WIND POWER GENERATION PART
KR20100139079 A 20101231	KR20107023897 20081003	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D11/04	EVALUATION INDEX SETTING METHOD AND PROGRAM THEREOF
KR20100139120 A 20101231	EP20080450046 20080331	AMSC WINDTEC GMBH [AT]	F03D11/02; F03D9/00	WIND ENERGY CONVERTER COMPRISING A SUPERPOSITION GEAR
LT5702 B 20101227	LT20100000020 20100308	GURTOVOJ SERGEJ [LT]	F03D1/00; F03D9/00	WIND POWER PLANT WITH A CYLINDRICAL ROTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
LU91529 A1 20100823	LU20090091529 20090220	SEIWERATH CONSTANT [LU]	F03D7/02	Verstellmechanismus f}r die Rotorbl{tter von Windkraftanlagen
LU91530 A1 20100823	LU20090091530 20090220	SEIWERATH CONSTANT [LU]	F03D1/06	Rotorblattfertigung
MD20080294 A 20101029	MD20080000294 20081223	LEMESEV LEV [MD]	F03B7/00; F03B13/00; F03B13/10; F03D3/00; F03D5/04	Installation for using the air or water flow energy
MD20090008 A 20100930	MD20090000008 20090203	IVANOV VICTOR [MD]; IVANOV VLADIMIR [MD]	F03D3/04	Universal wind-driven plant
MD20090057 A 20101231	MD20090000057 20090601	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]	F03D3/00	Turbine of windmill with vertical axis of rotation
MD20090060 A 20101231	MD20090000060 20090601	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]	F03D3/02	Wind concentrator for windmills with vertical rotor
MD20090062 A 20101231	MD20090000062 20090612	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]	F03D3/04	Wind guide device for windmill
MD20090063 A 20101231	MD20090000063 20090612	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]	F03D3/00	Blade of the windmill turbine with vertical axis

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
MX2009002825 A 20100927	MX20090002825 20090303	CIATEQ A C [MX]		SAVONIUS-TYPE VERTICAL ROTOR.
MX2010004715 A 20100706	HU20070000705 20071030; WO2008HU00128 20081030	GYOERGYI VIKTOR [HU]	F03D3/06; F03D11/00	WIND TURBINE WITH VERTICAL AXIS AND WIND POWER PLANT.
MX2010004937 A 20100803	WO2007IB03319 20071102; WO2008IB02928 20081101	CORTINA INNOVATIONS S A DE C V [MX]	C12N9/02; C12N15/00; C12N15/53; E04H12/12; E04H12/16; E04H12/34; F03D1/00; F03D11/04	METHOD FOR ERECTING A SEGMENTED PRE-STRESSED CONCRETE TOWER FOR WIND POWER GENERATORS AND TOWER.
MX2010006580 A 20100907	DE200710061167 20071217; DE200810011218 20080226; DE200810020270 20080422; WO2008EP65600 20081114	WOLTER KLAUS [DE]	F03D9/00; F01K25/00; F03D9/02; F03G7/04	MÉTODO, APARATO Y SISTEMA PARA IMPRIMIR ENERGÍA DENTRO DE UN MEDIO.
MX2010008030 A 20100830	US20080063132P 20080130; WO2009IB00118 20090123	CLIPPER WINDPOWER INC [US]	F03D1/06; F03D7/02; F03D11/00	RETRACTABLE BLADE STRUCTURE WITH A SPLIT TRAILING EDGE.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
MX2010008494 A 20101109	US20080026657P 20080206; US20080081340P 20080716; US20080140921P 20081226; US20090365848 20090204; WO2009US33210 20090205	LAUNCHPOINT TECHNOLOGIES INC [US]	F03G3/00; F03B17/00; F03D5/00; F03G7/00	SYSTEM AND METHOD FOR STORING ENERGY.
MX2010008498 A 20100907	GB20080001936 20080201; WO2009GB00307 20090202	ISIS INNOVATION [GB]	F03D9/00	ELECTRICITY GENERATOR.
MX2010011245 A 20101109	DE200810018790 20080415; WO2009EP54296 20090409	ALOYS WOBBEN [DE]	F03D1/00; F03D11/00; F03D11/04; H02G5/00	WIND ENERGY SYSTEM COMPRISING BUSBARS.
MX2010011336 A 20101130	WO2008JP64161 20080806	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	WINDMILL BLADE AND WIND POWER GENERATOR USING SAME.
NL1036601C C 20100819	NL20091036601 20090218	WIJK SABASTIAAN HENDRIKUS JOHANNES [NL]	F03D1/04; F03D3/04; F03D9/00; F03D11/04	VERTICALE AS WIND TURBINE WELKE IS GEÏNTEGREERD IN EEN SCHOORSTEEN.
NL1036733C C 20100921	NL20091036733 20090319	DARWIND HOLDING B V [NL]	F03D9/00; H02K1/16; H02K1/20; H02K7/18; H02K9/14	A WIND TURBINE AND A DIRECT-DRIVE GENERATOR.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NL1036821C C 20100921	NL20091036730 20090319; NL20091036821 20090406	DARWIND HOLDING B V [NL]	F03D9/00; H02K1/20; H02K7/18	A WIND TURBINE AND A DIRECT-DRIVE GENERATOR.
NL1036946C C 20101115	NL20091036946 20090512	LO AN-SHUN [TW]; HSIEH YING-PO [TW]	F03D9/00; F03D11/02; F04B17/02	WATERVOORZIENINGSPOMP OP WINDENERGIE.
NL1036968C C 20101122	NL20091036968 20090519	DARWIND HOLDING B V [NL]	B29D99/00; F01D5/28; F03D1/06	A PROTECTED WIND TURBINE BLADE, A METHOD OF MANUFACTURING IT AND A WIND TURBINE.
NL1037009C C 20101207	NL20091037009 20090602	EUROBA HOLDING B V [NL]	F03D11/04	WIND POWER INSTALLATION.
NL1037011C C 20101207	NL20091037011 20090603	TEB INSTALLATIEBOUW B V [NL]	F03D3/06	WINDTURBINE MET HET KENMERK DAT TENMINSTE DE ROTOR VAN DE TURBINE OVER DE AS WAAR DEZE OM DRAAIT IN 2 OF MEER TEN OPZICHTE VAN DE AS IN VORM-OPEN DELEN IS UITGEVOERD.
NL1037052C C 20101221	NL20091037052 20090619	DARWIND HOLDING B V [NL]	F03D1/00	A METHOD OF FINISHING A TOWER SECTION OF A WIND TURBINE, A FINISHED TOWER SECTION OF A WIND TURBINE, AND A METHOD OF TRANSPORTING A TOWER SECTION OF A WIND TURBINE.
NL2002476C C 20100803	NL20092002476 20090202	UNIV DELFT TECH [NL]	F03D7/02; F03D7/04; G01S17/88	WIND TURBINE.
NL2003012C C 20101215	NL20092003012 20090612	D E M E N V [BE]	E02B17/02; E02D27/52; F03D1/00	HYBRID OFFSHORE LARGE PILE - GRAVITY FOUNDATION FOR CONSTRUCTIONS, AND INSTALLATION METHOD THEREFOR.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NL2003092C C 20101228	NL20092003092 20090626	JONGE MARION HILLEGONDA ANNA [NL]; HUURMAN DANIEL GOVERT [NL]	F03D11/00; H01L31/042; H01L31/058	HOUDERSYSTEEM VOOR ZONNEPANELEN.
NL2003790C C 20101123	NL20091036978 20090520; NL20091037315 20090924; NL20092003790 20091111	CROUGHS ERWIN JOHAN [NL]	F03B13/26; F03B17/06; F03D5/06	THE SLOW MILL.
NL2004922 A 20101220	NL20091037048 20090618; NL20102004922 20100618	EVERKINETLQ BENELUX B V [NL]	F03D1/04; F03D7/04	ELEKTRICITEITSGENERATOR EN WERKWIJZE.
NO20091484 A 20101018	NO20090001484 20090416	UNI I STAVANGER [NO]	F03D11/04; F03D11/00	Flytende vindmolle og fremgangsmate for installasjon av, inngrep eller demontering av nevnte molle
NO20092237 A 20101213	NO20090002237 20090610	SEATOWER AS [NO]	E02B17/02; E02D27/32; F03D11/04	Understottelse for vindturbin eller lignende
NO20092241 A 20101213	NO20090002241 20090610	SEATOWER AS [NO]	E02B17/02; E02D27/32; F03D11/04	Havbunnsfundament,samt fremgangsmate for installering av fundamentet
NO20092300 A 20101217	NO20090002300 20090616	MASTER MARINE ASA [NO]	F03D11/04; B66C23/18	Anordning og fremgangsmate for installasjon av vindturbiner
NO20092311 A 20101217	NO20090002311 20090616	OLAV OLSEN AS DR TECHN [NO]	F03D11/04	Vindturbinfundament samt fremgangsmate for oppbygging av et vindturbinfundament for variabelt vanndyp
NO20092435 A 20101227	NO20090002435 20090625	UNI I STAVANGER [NO]	F03D11/04; F03D11/00	Vindmolle, samt fremgangsmate for installasjon, intervensjon eller avvikling

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NO329254B B1 20100920	NO20090002792 20090731	UNI I STAVANGER [NO]	F03D11/04; E02B17/04	Framgangsmate for forankring av flytende vindturbin samt system for anvendelse ved utovelse av framgangsmaten
NO329353B B1 20101004	NO20090002798 20090731	AQUA ENERGY SOLUTIONS AS [NO]	F03B9/00; F03B17/06; F03D5/02	Vannstromkraftverk
NO329467B B1 20101025	NO20090000625 20090210		F03D11/04; F03D1/00	Fralands vindturbinanlegg
NO329597B B1 20101122	NO20090000433 20090128	FOBOX AS [NO]	F03D7/02; F03D9/02	Drivanordning for en vindmolle
NO329902B B1 20110124	NO20090002240 20090610	SEATOWER AS [NO]	F03D11/04; E02B17/02	Stabiliserende oppdriftsanordning
NO330058B B1 20110214	NO20090001207 20090323; NO20090001933 20090519	PELAGIC POWER AS [NO]	F03D11/04	Flytende, oppankret installasjon for energiutvinning
NZ541284 A 20100827	DE20031004026 20030201; DE20031010036 20030306; WO2004EP00918 20040202	ALOYS WOBBEN [DE]	F03D11/00; E04H12/00; F03D1/00; F03D11/04; H01F27/02; H01F27/06	A wind energy plant where in the electrical equipment resides inside a sealed housing, inside the pylon
NZ552859 A 20101126	FR20040007406 20040702; WO2005FR01705 20050701	VIMAK	F03D3/06; F03D3/00; F03D7/00; F03D7/06	Vertical-axis wind turbine wherein the rotors dynamically adjust radial position for the most efficient configuration
NZ555936 A 20101224	GB20040025827 20041124; WO2005GB50212 20051123	LUETHI ENTPR LTD	F03D7/06; F03D3/00; F03D3/06	Vertical axis turbine having a movable mass connected to each turbine blade

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NZ562670 A 20100930	GB20050007913 20050420; WO2006GB01448 20060420	MARINE CURRENT TURBINES LTD [GB]	E02B17/08; B66F3/30; B66F7/18; B66F7/28; E02B17/06; F03D1/00; F03D11/04	Underwater turbine lifting climbing jack
NZ569819 A 20100730	DK20060000114 20060125; WO2007DK00035 20070125	VESTAS WIND SYS AS [DK]	F03D11/02; F16H37/04; G01M13/00	A wind turbine comprising at least one gearbox and an epicyclic gearbox
NZ570732 A 20100930	DK20060000131 20060127; DK20060000384 20060317; DK20060000958 20060711; WO2007DK00042 20070129	PP ENERGY APS [DK]	E04G3/30; E04G3/24; F03D1/00	Device that surrounds a rotor blade on a wind turbine, running on the inner and outer edges of the blade
NZ570906 A 20100930	NZ20080570906 20080901	WINDCATCHER TURBINES LTD	F03D3/02; F03D7/06; F03D9/00	Rotor turbine having at least two sets of blades where in operation one set of blades open when moving with the wind and the other set of blades is closed when moving against the wind to reduce wind resistance
NZ571530 A 20100827	NZ20070571530 20070323	PACER TURBINES LTD	F03D9/00; F03D3/02; F03D11/04	A method of manufacturing a turbine apparatus
NZ572215 A 20100730	WO2006IT00343 20060510; NZ20060572215 20060510	KITE GEN RES S R L	F03D5/00; F03D3/00; F03D7/00; F03D7/06	SYSTEM AND PROCESS FOR AUTOMATICALLY CONTROLLING THE FLIGHT OF POWER WING AIRFOILS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NZ573946 A 20100827	DE20031007682 20030221; DE20022025136U 20020605	ALOYS WOBBEN [DE]	F03D1/06	Wind turbine rotor blade shape
NZ574155 A 20100730	TW20080111006 20080327	CHUN NENG CHUNG	F03D3/04	Vertical axis wind turbine with radially inwardly directed non-planar converging guides and central bladed rotor
NZ574251 A 20101126	DE20031028889 20030626; DE20031020087 20030505	ALOYS WOBBEN [DE]	F03D7/02; F03D7/00; F03D9/00; F03D9/02	OPERATING METHOD FOR A WIND PARK
NZ575398 A 20101224	NL20061032555 20060921; WO2007NL00235 20070920	ECONCERN N V	F03D3/00; F03D3/06	Vertical axis wind turbine with an added blade and method for its production
NZ576698 A 20100827	NZ20090576698 20090501	AN SHUN LO; YING HSIEH	F03D1/00; F03D9/00; F04B17/02; F04B43/08	Pump with top mounted disk on cylindrical housing carrying rotating vanes coupled to eccentric to track wind direction
NZ577902 A 20100730	EP20080012871 20080716	SIEMENS AG [DE]	F03D11/00; F16F15/03; H02P9/42	Method and arrangement for damping of tower-oscillations
NZ578732 A 20101029	EP20080016491 20080918	SIEMENS AG [DE]	H01F38/00; F03D11/00; H01T4/08; H02H9/00	Lighting protection system for a wind turbine
NZ579116 A 20100930	EP20080016913 20080925	SIEMENS AG [DE]	F03D9/00; F03D1/02; H02K1/06; H02K16/00	Stator arrangement, generator, wind turbine, and method for positioning a stator arrangement
NZ579117 A 20101224	EP20080016468 20080918	SIEMENS AG [DE]	F03D9/00; F03D1/02; H02K1/06	Three stator windings that exit slots at different tilted angles, at least one head having a 90 degree curvature

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
NZ580114 A 20100930	EP20080018796 20081028	SIEMENS AG [DE]	G01L19/02; F03D7/00	WIND TURBINE ARRANGEMENT AND METHOD FOR ALIGNING A WIND TURBINE WITH THE WIND DIRECTION
NZ581065 A 20100827	EP20080021303 20081208	SIEMENS AG [DE]	F03D1/02; F03D1/06; F03D7/02; F03D11/00	Power-generating wind turbine where the wind velocity thought the rotor blades is controllable
NZ581697 A 20100827	EP20080021302 20081208	SIEMENS AG [DE]	F03D7/04	Control of the rotational speed of a wind turbine which is impeded to export electrical power to an electricity network
NZ583572 A 20100827	EP20090003041 20090303	SIEMENS AG [DE]	F03D11/00; B65D71/00	Method to install wind-turbine blades where the blades are transported to site attached to the tower
PL117965U U1 20100802	PL20090117965U 20090126	B LSTROK ASZCZYK TOMASZ [PL]	F03D3/06; F03D3/00	Wind turbine with the vertical rotation axis
PL206461B B1 20100831	DE20001040273 20000814	WOBBEN ALOYS [DE]	H02K16/04; F03D9/00; H02P9/02	Wind power plant
PL206956B B1 20101029	DE20001034958 20000719	WOBBEN ALOYS [DE]	F03D1/06; F03D11/00	Rotor blade hub, methods for rotor blade hubs production and wind power installation with rotor blade hub
PL386989 A1 20100705	PL20090386989 20090103		F03D3/02; F03D3/04; F03D3/06	Wind turbine with vertical axis
PL387164 A1 20100816	PL20090387164 20090202	PISKORZ WALDEMAR [PL]	F03D3/06; F03B3/12; F03B7/00; F03B13/00; F03B17/06; F03D9/00	Water and wind turbine
PL387288 A1 20100830	PL20090387288 20090216	PERDON KRZYSZTOF [PL]	F03D3/02	Wind turnine with the system of double rotors with cariable geometry of the rotor blades

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
PL387311 A1 20100830	PL20090387311 20090219	PI AOGON TEK BOGUMI LSTROK [PL]	F03D3/06; F03D3/00	Wind power station, working rotationally, operated in both horizontal and vertical position
PL387411 A1 20100913	PL20090387411 20090305	CZAPLEJEWICZ JERZY [PL]	F03D1/02; F03D1/04; F03D1/06; F03D7/04; F03D9/00	Wind motor with initial guiding rotor with the self-regulation of the rotary speed
PL387483 A1 20100913	PL20090387483 20090312	WOLODKO JAN [PL]	F03D1/02; F03D1/06; F03D3/02; F03D3/06; F03D7/00; F03D9/00	Wind tower
PL387537 A1 20100927	PL20090387537 20090318	LAZUR ZBIGNIEW [PL]	F03D3/06; F03D3/00; F03D11/04	Wind turbine with vertical rotor axis
PL387538 A1 20100927	PL20090387538 20090318	LAZUR ZBIGNIEW [PL]	F03D3/04; F03D3/06; F03D7/06	Wind power plant with vertical shaft
PL387549 A1 20100927	PL20090387549 20090319	PISKORZ WALDEMAR [PL]	B63H9/00; B63H13/00; F03D3/00; F03D9/02	Ship propulsion
PL387552 A1 20100927	PL20090387552 20090319	LAZUR ZBIGNIEW [PL]	F03D3/06; F03D3/00; F03D11/04	Wind motor with vertical rotor axis
PL387983 A1 20101108	PL20090387983 20090507	SIGMA SPOLKA AKCYJNA [PL]	F03D3/02; F03D3/04; F03D9/00; F03D11/00	Windmotor
PL388105 A1 20101206	PL20090388105 20090525	GROCHOWSKI KAZIMIERZ [PL]	F03D11/04; F03D1/00; F03D7/04;	Wind power plant

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F03D9/00	
PL388273 A1 20101220	PL20090388273 20090615	CICHOR STANISLAW [PL]	F03D3/04; F03D3/00; F03D7/06	Device for production electricity from wind and way to control the device
PL389779 A1 20100816	PL20090389779 20091205	HOFMANN BOGDAN [PL]	F03D9/00; F03D1/00; F03D11/04	Assembly and the drive of two slip-ring generators of the wind power plants
PT104484 A 20101001	PT20090104484 20090401	CUNHA ANTONIO PEDRO DE CAMPOS RUAO DA [PT]	F03D9/00	ESTAÇÃO DE PRODUÇÃO DE ENERGIA ELÉCTRICA POR MÉTODO HÍBRIDO E DE BAIXO IMPACTO AMBIENTAL E VISUAL
PT104495 A 20101007	PT20090104495 20090407	LUCIO VALTER JOSE DA GUIA [PT]; RODRIGUES CARLOS MANUEL CHASTRE [PT]	E04H12/10; E04C3/02; F03D11/04	TORRE TRELIÇADA
PT104629 A 20101215	PT20090104629 20090615	CUNHA ANTONIO PEDRO DE CAMPOS RUAO DA [PT]	F03D3/04	DISPOSITIVO EÓLICO OMNIDIRECCIONAL DE FLUXO COMBINADO PARA OBTENÇÃO DE ENERGIA ELÉCTRICA
PT104651 A 20101227	PT20090104651 20090626	SENSIS INVESTIGACAO E DESENVOLVIMENTO EM ENGENHARIA QUIMICA LDA I [PT]	F03D7/02	EQUIPAMENTO DE DISPERSÃO COM CONTROLO ELECTRÓNICO DE LIBERTAÇÃO DE SUBSTÂNCIAS VOLÁTEIS PARA O AR AMBIENTE
PT1362184E E 20100817	FR20010002519 20010223	JEUMONT SA [FR]	F03D9/00; H02P9/30; H02P9/48	METHOD AND DEVICE FOR REGULATING A WIND MACHINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
PT1384002E E 20101011	DE20011019624 20010420; DE20011038399 20010804	BAW GMBH [DE]	F03D9/00; F03D7/02; F03D7/04; H02P9/00	METHOD FOR OPERATING A WIND ENERGY PLANT
PT1485611E E 20100716	DK20020000424 20020319	LM GLASFIBER AS [DK]	F03D1/06; F03D3/06	WIND TURBINE BLADE WITH CARBON FIBRE TIP
PT1574708E E 20101129	DE20011037270 20010731; DE20011045018 20010913	WOBBEN ALOYS [DE]	F03D9/00; F03D11/00; H02K3/00; H02K3/12; H02K3/28; H02K3/46; H02K3/48; H02K15/085; H02K17/16; H02K19/34; H02K57/00	WIND ENERGY INSTALLATION COMPRISING A RING GENERATOR
PT1583905E E 20100715	DK20010001817 20011206; DK20020000014 20020104	PP ENERGY APS [DK]	F03D11/00; B08B1/04; F03D1/00	METHOD AND APPARATUS FOR TREATMENT OF A ROTOR BLADE ON A WINDMILL
PT1966486E E 20100907	DE200510062908 20051229	HAMANN GEORG [DE]	F03B17/06; F03D3/00	DEVICE AND SYSTEM FOR PRODUCING REGENERATIVE AND RENEWABLE ENERGY FROM WIND
RO123149 B1 20101230	RO20050000931 20051103; RO20060000717 20060918	ANDRIES MELUTA [RO]; ANDRIES CARMEN ELENA [RO]	F03D3/02	VERTICAL AXIS WIND TURBINE WITH ROTATING SAIL-LIKE BLADES
RO125329 B1 20101230	RO20090000484 20090625	LUNGU CRISTIAN [RO]; CALIN SILVIU CATALIN [RO]	F03D1/06	CONSTRUCTIVE PRINCIPLE OF A HORIZONTAL AXIS WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
RO125465 B1 20101130	RO20080000894 20081117	UNIV TRANSILVANIA DIN BRASOV [RO]	F03D1/06; B60B1/00	WIND TURBINE ROTOR
RO125553 B1 20101130	RO20090000151 20090217	PANU-MISAILESCU DUMITRU [RO]	F03D3/06; F01D7/00	TETROID VORTEXIAL ROTOR
RSP20100099 A 20101231	RSP20100099 20100303	KOLUNDZIC RANKO [RS]	F03D3/00	VERTICAL AXIS WINDMILL WITH CONTROL
RU2395002 C1 20100720	RU20090123914 20090624	SOTNIKOV VLADIMIR ALEKSEEVICH [RU]	F03D3/00	METHOD, WORKING MEMBER AND MULTI-ROTOR FOR CONVERSION OF WIND-HYDROPOWER (VERSIONS)
RU2395712 C1 20100727	RU20090112926 20090406	INST GEOTERMII DAGESTANSKOGO N [RU]	F03D5/06	OSCILLATING WIND MOTOR
RU2395713 C1 20100727	RU20090113859 20090415	G MASHINOSTROITEL NOE KB RADUG [RU]	F03D7/00; G05D13/04	CENTRIFUGAL UNFIXTURE
RU2395715 C1 20100727	RU20090112922 20090406	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/00	END DOUBLE-ROTOR WIND GENERATOR
RU2396459 C1 20100810	RU20080151618 20081226	KOCHERGIN IGOR NIKOLAEVICH [RU]	F03D3/06; F03D7/06; F03D11/04	AIR POWER PLANT
RU2399790 C1 20100920	RU20090125474 20090706	GANEEV ANATOLIJ ALEKSANDROVICH [RU]; KOZLOV GENNADIJ EVGEN EVICH [RU]	F03D3/04	"WINDROTOR" WIND MOTOR DEVICE
RU2399791 C1 20100920	RU20090119761 20090525	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D7/06	WIND MOTOR
RU2399792 C1 20100920	RU20090119763 20090525	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D7/06	WIND MOTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
SE0900212 A1 20100819	SE20090000212 20090218	NILSSON LENNART [SE]	F03D1/06	Kraftverk
SE0950001 A 20100708	SE20090050001 20090107	MORPHIC TECHNOLOGIES AB [SE]	F03D7/02	Vindturbinenhet innefattande en nödbroms med två samverkande gängade delar
SE0950021 A 20100722	SE20090050021 20090121	VERTICAL WIND AB [SE]	F03D11/00; F03D11/04	Vindkraftaggregat
SE0950065 A 20100810	SE20090050065 20090209	MORPHIC TECHNOLOGIES AB [SE]	F03D7/04	Anordning och metod för att styra ett vindkraftverk
SE0950127 A1 20100906	SE20090050127 20090305	SW VINDKRAFT AKTIEBOLAG [SE]	F03D7/02; F03D7/04	Girsystem för ett vindkraftverk
SE0950152 A1 20100914	SE20090050152 20090313	SW VINDKRAFT AKTIEBOLAG [SE]	F03D1/06; F03D11/04	Bladmontering
SE0950188 A1 20100926	SE20090050188 20090325	GE WIND ENERGY NORWAY AS [NO]	F03D9/02; H02J7/02; H02J7/14; H02J9/04	Step-up omvandlare för vindkraftverk
SE0950190 A1 20100926	SE20090050190 20090325	GE WIND ENERGY NORWAY AS [NO]	F03D7/04; H02J3/38	Mångfald kabinett
SE0950230 A1 20101009	SE20090050230 20090408	NCC CONSTRUCTION SVERIGE AB [SE]	F03D11/04; E04H12/34; F03D1/00	Förfarande för byggande av vindkraftverk
SE0950280 A1 20101028	SE20090050280 20090427	VERTICAL WIND AB [SE]	F03D11/00; F03D3/00	Vindkraftaggregat med vertikal turbinaxel samt elektriskt nät anslutet till detta
SE0950281 A1 20101028	SE20090050281 20090427	VERTICAL WIND AB [SE]	F03D11/04; E04H12/04; F03D3/00	Sektion för en bärpelare till en vertikalaxlad vindturbin och
SE0950304 A1 20101106	SE20090050304 20090505	XEMC XIANGTAN ELECTRIC MFG GROUP CORP LT [CN]	F03D7/04	Viloläge för ett vindkraftverk

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
SE0950359 A1 20101121	SE20090050359 20090520	GE WIND ENERGY NORWAY AS [NO]	F03D7/04; F03D7/02	Metod för balansering av vindturbin
SE0950422 A1 20101209	SE20090050422 20090608	GE WIND ENERGY NORWAY AS [NO]	F03D11/00; F03D1/00	Vindkraftverk och en metod för att driva ett vindkraftverk
SE533166 C2 20100713	SE20080001804 20080818	HM POWER AB [SE]	F03D7/02; F03D11/04	En, till en vattensamling relaterad, anläggning med ett medel för att låta vrida (pitch) en turbins propellerblad
SE533435 C2 20100928	SE20080000749 20080403	HM POWER AB [SE]	F16H21/12	Vridmomentsöverförande arrangemang vid ett vindkraftverk
SE533643 C2 20101116	SE20080001134 20080516	PROPIT AB [SE]	B63H13/00	Manövrering och framdrivning av ett fartyg med hjälp av därtill anordnade åtminstone två vindkraftverk
SI23037 A 20101029	SI20090000092 20090406	DERSTVENSEK ANDREJ [SI]		WIND POWER STATION WITH VERTICALLY POSITIONED WINGS
TR200903009 A2 20100721	TR20090003009 20090416	AYDIN NURETTIN [TR]	F03D1/04; F03D3/04; F03G6/00; F03G7/04	Havanin isitilmasi ile elektrik üretim yöntemi.
TR201003183 A2 20100823	TR20100003183 20100421	OEZGUER CUMHUR [TR]	F03D9/00; F03D11/00	Rüzgar hizini degistirerek sabit devirde çalisabilen rüzgar türbini.
TR201003570 A2 20100823	TR20100003570 20100505	DOGANAY ABDULLAH YUEKSEL [TR]	F03D9/00	Rüzgar enerjisini elektrik enerjisine çevirerek elektrikle çalisan araçlarin akülerini sarj eden bir elektrik üretim sistemi
US2010164228 A1 20100701	WO2009JP62513 20090709	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F03D11/00; H02K9/02	WIND TURBINE GENERATOR
US2010164231 A1 20100701	US20080346880 20081231	TSOU KUEI-SHENG [TW]	F03D9/00; H02N2/18	Aerodynamic Vibration Power-Generation Device

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010164232 A1 20100701	DE200710012408 20070315; WO2008DE00345 20080227	AERODYN ENG GMBH [DE]	F03D3/00; F03D11/00	Wind Turbine with Load-Transmitting Components
US2010166547 A1 20100701	US20090574208 20091006; US20080195307P 20081006	FLODESIGN WIND TURBINE CORP [US]	F03D1/04; B05D1/02; B32B37/14	WIND TURBINE WITH REDUCED RADAR SIGNATURE
US2010166553 A1 20100701	WO2006FR00068 20060112	NHEOLIS SARL [FR]	F03D1/04; F03D1/06	HORIZONTAL-AXIS WIND GENERATOR
US2010166556 A1 20100701	US20080345705 20081230	GEN ELECTRIC [US]	F03D1/06; F03D3/06	PARTIAL ARC SHROUD FOR WIND TURBINE BLADES
US2010166567 A1 20100701	US20100683577 20100107; US20060487392 20060717; US20050699940P 20050715	SOUTHWEST WINDPOWER INC [US]	F03D1/06	WIND TURBINE AND METHOD OF MANUFACTURE
US2010167602 A1 20100701	US20090653546 20091215; US20080201914P 20081216	VU THANG D [US]	B63H21/17; B63B7/00; B63B17/02; B63H25/06; F03D3/00; F03D9/02	Energy system and boat
US2010170164 A1 20100708	SE20070001404 20070611; WO2008SE50690 20080610	LEIJON MATS [SE]; BERNHOFF HANS [SE]	F03D11/04; E04H12/00; E04H12/04; F03D3/00	WIND-POWER UNIT, A SUPPORTING PILLAR THEREFORE AND A USE THEREOF
US2010171314 A1 20100708	US20090350299 20090108	TACKETT JUSTIN DALE [US]	F03D9/02	Vertically Oriented Wind Tower Generator
US2010171315 A1 20100708	US20090350878 20090108	FLOOD KERRY [US]	F03D9/00	WIND ENERGY CAPTURE DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010171316 A1 20100708	US20090576478 20091009; US20080140929P 20081226	APONTE-RIVERA JUAN RAMON [US]	F03D1/00; H02K21/00	Rotational Generator Magnetic Assisting System
US2010171317 A1 20100708	DE200710014861 20070326; WO2008EP01793 20080306	REPOWER SYSTEMS AG [DE]	F03D1/00; E04B1/21; E04B1/38; E04B1/62	CONNECTION ASSEMBLY FOR COMPONENTS OF A WIND TURBINE
US2010172759 A1 20100708	US20090590808 20091114; US20090204747P 20090108; US20090216907P 20090522	SULLIVAN JOHN T [US]	F03D7/00	Retractable wind turbines
US2010176593 A1 20100715	TW20090200609U 20090114	TU YU-TA [TW]	F03D7/00; F03D9/00	Wind Generator
US2010176598 A1 20100715	US20090318976 20090114	HUANG CHENG TZU [TW]; KU TSUNG-YUAN [TW]	F03D9/00	Wind power generator structure
US2010176599 A1 20100715	US20090319959 20090114	HENSON III GEORGE A [US]	F03D9/00	JET AIR RECOVERY GENERATOR AND JET BLAST DEFLECTOR
US2010176600 A1 20100715	IT2008MI01122 20080619	ROLIC INVEST S AR L [LU]	F03D9/00; F03D11/00	WIND POWER GENERATOR EQUIPPED WITH A COOLING SYSTEM
US2010176601 A1 20100715	EP20070090108 20070604; DE200710056763 20071123; WO2008EP04426 20080603	SUZLON WINDKRAFT GMBH [DE]	F03D11/00; F16C17/10	BEARING ARRANGEMENT FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010181050 A1 20100722	US20090355417 20090116	NISSAN TECH CT NORTH AMERICA [US]	F28F13/00; F03D9/00	VEHICLE HEAT EXCHANGER ARRANGEMENT
US2010181775 A1 20100722	US20090354779 20090116	YU QING-LU [TW]	F03D9/00	WIND POWER ELECTRICITY GENERATION SYSTEM
US2010181776 A1 20100722	TW20090102641 20090122	YEP YAU-CHUEN [TW]	F03D1/00	PROTECTION DEVICE FOR WIND TURBINE GENERATOR
US2010181777 A1 20100722	US20100657136 20100113; US20090205359P 20090116	GRIGG CHARLES [US]	F03D9/00; F03D3/02	Wind turbine generator and motor
US2010181778 A1 20100722	SE20070001497 20070619; WO2008SE00388 20080611	HERBERTSSON HARALD [SE]; ALDMAN CLAES [SE]; HARRYSSON RALPH [SE]	F03D3/06; F03D9/00	UNITY WIND POWER PLANT WITH VERTICAL AXIS OF ROTATION
US2010181838 A1 20100722	US20090356132 20090120	FARRIS WAYNE [US]	H02J3/38; F03D9/02	Roof Power Generator
US2010183380 A1 20100722	US20100651867 20100104; US20090146248P 20090121	DIETTERICH JEFFREY [US]	B65G53/60; F03D9/00; H02P9/04	Pneumatic Conveyance System including Waste Airflow Electrical Power Generation
US2010183440 A1 20100722	DE200710027849 20070613; WO2008EP03427 20080428	REPOWER SYSTEMS AG [DE]	F03D7/00; F03D11/00	METHOD FOR THE OPERATION OF A WIND POWER PLANT
US2010183441 A1 20100722	US20090321333 20090116	CHOI YOUNG IL [US]	F03D1/06	Un-symmetrically designed windmill rotor for generating maximum electricity
US2010183443 A1 20100722	US20090355164 20090116	THORNE STEVE [US]	F03D11/00; H01L31/042	INTEGRATED WIND TURBINE AND SOLAR ENERGY COLLECTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010186342 A1 20100729	US20100726758 20100318; DK20020000178 20020206; US20070932576 20071031; US20020157286 20020529	VESTAS WIND SYS AS [DK]	E04B1/21; E04H12/00; F03D11/04	WIND TURBINE TOWER SUSPENSION MEANS
US2010186981 A1 20100729	US20090321847 20090127	THOMAS EVAN V [US]; MOORMAN JAMES R [US]	H02G3/08	Wind turbine junction box having individual run
US2010186984 A1 20100729	US20090321846 20090127	PUCCINI KEVIN F [US]	H05K5/02; F03D11/00	Integral wind turbine wiring enclosure cabinet
US2010187819 A1 20100729	WO2007CN02653 20070905	ENVIRONMENTAL TECHNOLOGIES LLC [US]	F03D3/02; F03D7/06	LARGE SIZED SAFE WINDMILL WITH HIGH EFFICIENCY
US2010187820 A1 20100729	US20100727356 20100319; JP20040055515 20040227; US20070590328 20070625; WO2004JP16851 20041112	MITSUBISHI HEAVY IND LTD [JP]	H02P9/04; F03D7/04	WIND TURBINE GENERATOR, ACTIVE DAMPING METHOD THEREOF, AND WINDMILL TOWER
US2010187828 A1 20100729	US20090361705 20090129	MICHAEL T REIDY	F03D9/00	WIND ENERGY HARNESSING APPARATUSES, SYSTEMS, METHODS, AND IMPROVEMENTS
US2010187829 A1 20100729	US20100691951 20100122; US20090206044P 20090126	EGEN LLC [US]	F03D9/02; F03B13/08	FLUID FLOW ENERGY HARVESTER

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010187830 A1 20100729	US20100752502 20100401	SAAVEDRA JOHN A [US]	F03D9/00; F03D5/06	ELECTRIC POWER GENERATOR UTILIZING INTERMITTENT WIND
US2010187831 A1 20100729	US20100754004 20100405; US20040868259 20040615	BERTOLOTTI FABIO PAOLO [US]	F03D9/02; F03D9/00	WIND POWER SYSTEM FOR ENERGY PRODUCTION
US2010189553 A1 20100729	KR20060084946 20060905; WO2006KR03862 20060928	IRWINDPOWER CO LTD [KR]	F03D3/04	TURBO AIR COMPRESSOR SYSTEM
US2010189560 A1 20100729	DK20070001444 20071005; WO2008DK00343 20081003	HARAGUCHI YOSHIKI [SG]	F03D7/04	Method for De-Icing A Blade Of A Wind Turbine, A Wind Turbine And Use Thereof
US2010189561 A1 20100729	US20090358451 20090123	VETTESE SHAROLYN [CA]	F03D11/00; B23P15/04	Horizontal Wind Turbine Blade Balancing Accessory
US2010194112 A1 20100805	GB20070013931 20070717; WO2008GB02410 20080716	VINCE DALE [GB]	F03D3/02; F03B13/26	VERTICAL AXIS TURBINE
US2010194114 A1 20100805	EP20070090122 20070618; DE200710058746 20071205; WO2008EP04664 20080611	SUZLON WINDKRAFT GMBH [DE]	F03D9/00	LOCKING MECHANISM FOR A WIND TURBINE
US2010194115 A1 20100805	IT2007TO00666 20070924; WO2008IB02462 20080922	BLUE H INTELLECTUAL PROPERTIES [CY]	F03D9/00	Conversion System Of Off-Shore Wind Energy Suitable For Deep Water

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010194116 A1 20100805	US20100698640 20100202; US20090149613P 20090203	MAHAWILI IMAD [US]	F03D1/06; H01L31/00; H01L31/042; H02K21/24	TURBINE ENERGY GENERATING SYSTEM
US2010194221 A1 20100805	US20100754047 20100405; JP20060316444 20061124; US20070943894 20071121	HITACHI LTD [JP]	H02K1/32; F03D9/00	PERMANENT MAGNET ELECTRICAL ROTATING MACHINE, WIND POWER GENERATING SYSTEM, AND A METHOD OF MAGNETIZING A PERMANENT MAGNET
US2010194222 A1 20100805	US20090366265 20090205	RIVOLI LOUIS D [US]	F03D9/00; H02K15/03	RETROFITTABLE WIND POWERED ELECTRIC GENERATOR
US2010196144 A1 20100805	US20090610661 20091102; US20090202130P 20090130	MORRIS RICHARD [US]	F03D3/04; F03D11/00	VERTICAL AXIS WIND TURBINE SYSTEM
US2010196150 A1 20100805	WO2007CA01200 20070709	NICA HORIA [CA]	F03D3/04; F03D1/06; F03D3/06; F03D9/00; F03D11/00	BOUNDARY LAYER WIND TURBINE WITH TANGENTIAL ROTOR BLADES
US2010196157 A1 20100805	US20090364676 20090203	ACKERMAN RONALD PAUL [US]	F03D7/02; F03D1/06	Turbine Apparatus
US2010196159 A1 20100805	US20090365392 20090204	FRONTIER WIND LLC [US]	F03D1/06	Mass-Centralizing Blade Extension Drive Mount Locations for a Wind Turbine
US2010199637 A1 20100812	US20090366896 20090206	DENSO INT AMERICA INC [US]	F01N11/00; F01N3/00; F02D45/00; F03D9/00	ROTATIONAL GENERATION TYPE WIRELESS OXYGEN SENSOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010201128 A1 20100812	DK20070001526 20071023; WO2008DK00371 20081022	BECH ANTON [DK]; DEMTRODER JENS [DK]; JENSEN KELD LYAGER [DK]	F03D9/00; F03D11/02; F16D11/10	Wind Turbine, A Method For Coupling A First Drive Train Component Of The Drive Train Of A Wind Turbine To A Second Drive Train Component Of The Drive Train And Use Of A Wind Turbine
US2010202881 A1 20100812	NO20070001147 20070228; WO2008NO00072 20080226	NYGAARD TOR ANDERS [NO]; GRORUD CHRISTIAN [NO]	F03D11/04; F03D1/00	DOWNWIND POWER PLANT, AND A METHOD FOR OPERATING A DOWNWIND POWER PLANT
US2010202883 A1 20100812	US20090587606 20091009; US20090322833 20090209	DALEY III JOSEPH A [US]; DALEY JR JOSEPH A [US]	F03D7/06; F03D3/06	Advanced vertical shaft wind turbine power generator
US2010202884 A1 20100812	DE200910008607 20090212	NORDEX ENERGY GMBH [DE]	F03D11/00	Device for locking a rotor blade of a wind turbine
US2010206990 A1 20100819	US20100704931 20100212; US20090152621P 20090213	DARTMOUTH COLLEGE	B64D15/12; F03D11/00; F25B1/00; F25C5/08; H05B1/02	System And Method For Icemaker And Aircraft Wing With Combined Electromechanical And Electrothermal Pulse Deicing
US2010207389 A1 20100819	US20090559309 20090914; US20080096325P 20080912	NYFFENEGGER JOHANNES F [US]	H02P9/04; F03D9/00; F03D9/02	WIND TURBINE
US2010207396 A1 20100819	US20090370760 20090213	SIMON BERNARD JOSEPH [US]	F03D9/00; H02P9/04	Power Generating System
US2010207398 A1 20100819	US20100652493 20100105; US20090204288P 20090105	WINDERA POWER SYSTEMS INC [US]	F03D9/00; F03D9/02	HYDRAULIC DRIVE TRAIN WITH ENERGY DISSIPATION FOR ELECTRICITY GENERATION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010209243 A1 20100819	DK20070000913 20070625; WO2008EP57923 20080623	SIEMENS WIND POWER AS [DK]	F03D11/00	Monitoring of Blade Frequencies of a Wind Turbine
US2010209245 A1 20100819	US20100703633 20100210; US20090152518P 20090213	MIGLIORI ROBERT [US]	F03D7/04; F03D9/00	GEARLESS PITCH CONTROL MECHANISM FOR STARTING, STOPPING AND REGULATING THE POWER OUTPUT OF WIND TURBINES WITHOUT THE USE OF A BRAKE
US2010209246 A1 20100819	US20100703760 20100210; US20090152526P 20090213	MIGLIORI ROBERT [US]	F03D7/04	YAW CONTROLLER FOR DOWNWIND WIND TURBINES
US2010209248 A1 20100819	GB20060016503 20060818; WO2007GB03176 20070820	VOLANTHEN MARK [GB]; RHEAD PHILIP MARK [GB]; JONES MARTIN PETER WILLIAM [GB]; LLOYD GLYNN DAVID [GB]	F03D11/00; B23P15/04; G01D5/353; G01L1/24	STRUCTURAL MONITORING OF WIND TURBINE WITH FIBRE BRAGG GRATING SENSORS IN EACH BLADE
US2010209250 A1 20100819	US20100687682 20100114; US20090207789P 20090218	DEELEY PETER G R [US]	F03D3/06	OPPOSED TILTING BLADE, VERTICAL AXIS WIND TURBINE POWER GENERATOR
US2010209257 A1 20100819	EP20070388064 20070831; WO2008DK00312 20080829	LM GLASFIBER AS [DK]	F03D1/06; F03D7/02	WIND TURBINE BLADE WITH SUBMERGED BOUNDARY LAYER CONTROL MEANS
US2010209258 A1 20100819	EP20070388060 20070829; WO2008DK00311 20080829	LM GLASFIBER AS [DK]	F03D1/06; F03D7/02	BLADE FOR A ROTOR OF A WIND TURBINE PROVIDED WITH BARRIER GENERATING MEANS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010213711 A1 20100826	US20100712166 20100224; US20090154781P 20090224	MAGLAQUE CHAD L [US]	H02P9/04; F03B3/14; F03D3/06; G06F19/00	ELECTRICAL POWER GENERATION APPARATUS
US2010213716 A1 20100826	US20100695684 20100128; US20090391713 20090224	SANTORO STEPHEN P [US]	F03D9/00; F03D3/04	FLUID FLOW ENERGY CONCENTRATOR
US2010213717 A1 20100826	US20080324861 20081127; US20050148267 20050609	ROSEMAN YEHUDA [IL]	F03D9/00; E04B1/34; F03D11/04	SYSTEM FOR PRODUCING ELECTRICITY FROM JETSTREAMS AND TOWER THEREFOR
US2010213718 A1 20100826	US20090390503 20090223	KELLY PATRICK D [US]	F03D9/00	RECIPROCATING SYSTEM WITH BUOYANT AIRCRAFT, SPINNAKER SAIL, AND HEAVY CARS FOR GENERATING ELECTRIC POWER
US2010213719 A1 20100826	RO20060000751 20060928; WO2007RO00011 20070724	BOTAN CORNELIU GHEORGHE [RO]; CUCIUREANU DUMITRU [RO]	F03D9/02; F03D1/04; F03D3/04; F03D9/00	CONCENTRATOR FOR WIND POWER STATION AND AEOLIAN GRID
US2010213720 A1 20100826	US20080449842 20080229; US20070904411P 20070301; WO2008US04269 20080228	BAILEY LAURA J [US]; BAILEY JOHN T [US]	F03D9/00; F03D7/06	SHROUDED VERTICAL AXIS DUAL-TURBINE GENERATOR
US2010213722 A1 20100826	US20100710596 20100223; US20090208409P 20090224	VIEWTEK2 L L C [US]	F03D9/00; F03D3/04; F03D7/06	WIND TURBINE GENERATORS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010213723 A1 20100826	US20100774244 20100505; US20090427751 20090422	KAZADI SANZA T [US]	F03D3/06; H02K7/09	Magnetically-Levitated Wind Turbine
US2010215488 A1 20100826	US20090391713 20090224	SANTORO WIND HARVESTOR INC [US]	F03D11/00	FLUID FLOW ENERGY CONCENTRATOR
US2010215494 A1 20100826	GB20090003109 20090225	VESTAS WIND SYS AS [DK]	F03D7/00	Wind Turbine Rotor Blade
US2010215495 A1 20100826	US20100774309 20100505; US20090400617 20090309; US20080116540P 20081120	ANDERSON WINFIELD SCOTT [US]	F03D1/02; F01D5/14; F03B3/12	TAPERED HELICAL AUGER TURBINE TO CONVERT HYDROKINETIC ENERGY INTO ELECTRICAL ENERGY
US2010219635 A1 20100902	US20100713783 20100226; US20090156176P 20090227	EVANS JR ROBERT W [US]	F03D7/00; F03D9/00	INTEGRATED WIND ENERGY HARVESTING SYSTEM AND METHOD
US2010219636 A1 20100902	US20100774239 20100505; JP20050041012 20050217; US20070884373 20070815; WO2006JP302707 20060216	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; H02P9/04	POWER GENERATING SYSTEM
US2010219637 A1 20100902	US20090619613 20091116	HOVAKIMIAN HENRY [US]	F03D9/00; F03D5/00; H02K7/18	Compost Updraft Tower

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010219642 A1 20100902	KR20060034157 20060414; WO2007KR01717 20070409	UNISON CO LTD [KR]	F03D9/00; F03D11/02	WIND TURBINE WITH SINGLE MAIN BEARING
US2010219644 A1 20100902	US20100711847 20100224; US20090156318P 20090227	TIGNER BENJAMIN [US]	F03D9/00; F03D5/00	Power Generation using High Altitude Traction Rotors
US2010219645 A1 20100902	US20100777233 20100510; US20070938318 20071112; US20040904040 20041020; WO2008US83145 20081111; US20030481547P 20031023; US20100313706P 20100313	OCEANWIND TECHNOLOGY LLC [US]	F03D9/00; F03D11/04	POWER GENERATION ASSEMBLIES AND APPARATUS
US2010221101 A1 20100902	US20070978119P 20071007; US20080028545P 20080214; US20080058235P 20080603; US20080089914P 20080819; WO2008IB54024 20081002; US20080681890 20081002	FARB DANIEL [IL]	F03D11/04; B23P6/00; F03D1/04; F03D3/04; F03D9/00	SUPPORT OF FLOW DEFLECTION DEVICES IN WIND TURBINES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010221109 A1 20100902	US20070855314 20070914	RADISEK THEODORE [US]	F03D7/00; F01D5/30; F03D11/00	WIND TURBINE BLADE SUPPORT STRUCTURE
US2010221112 A1 20100902	US20090566665 20090925; US20080194989P 20081001; US20090205506P 20090120	BEVIRT JOEBEN [US]; KROO LAN [US]	F03D11/00	SYSTEM AND METHOD FOR AIRBORNE CYCLICALLY CONTROLLED POWER GENERATION USING AUTOROTATION
US2010225118 A1 20100909	US20090398410 20090305	MICU TARFIN [US]	F03D9/00; F16H57/08	Drive System for Use with Flowing Fluids
US2010225119 A1 20100909	US20090464808 20090512; US20090398410 20090305	MICU TARFIN [US]	F03D9/00; F16H57/08	Drive System for Use with Flowing Fluids
US2010226772 A1 20100909	AU20090900827 20090225; AU20090900828 20090225; AU20090900830 20090225; AU20090900831 20090225; AU20090900832 20090225	DEERING KENNETH JAMES [US]	F03D7/02	Blade control system
US2010226775 A1 20100909	US20100798616 20100408; US20090381104 20090306	HARTMAN PAUL HARVEY [US]	F03D7/00; F03D1/06; F03D3/06; F03D11/00	Mass produced composite wind turbine blades

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010226785 A1 20100909	US20100703106 20100209; US20060433147 20060512; US20050681234P 20050513	WIND TOWER SYSTEMS LLC	F03D11/04; E04H12/00	STRUCTURAL TOWER
US2010229545 A1 20100916	AU20060904365 20060814; WO2007AU01153 20070814	SEADOV PTY LTD [AU]	F03B13/14; F03D9/00	Energy Extraction Method and Apparatus
US2010230967 A1 20100916	KR20080041130 20080502; WO2008KR05251 20080905	HEO HYUN-KANG [KR]	F03D9/00; F03D7/00; F03D11/00	WIND POWER GENERATOR
US2010230968 A1 20100916	US20100721862 20100311; US20090159160P 20090311; US20090247643P 20091001	CHERNYSHOV DIMITRI [US]	F03D5/06; B64C31/06; F03D7/00; F03D9/00; H02P9/04	TETHERED GLIDER SYSTEM FOR POWER GENERATION
US2010230972 A1 20100916	US20090403001 20090312	EASTERN WIND POWER INC [US]	F03D9/00	VERTICAL AXIS WIND TURBINE SYSTEM
US2010230973 A1 20100916	US20090632699 20091207; US20080058764 20080331; US20080127508 20080527; US20070921331P 20070331; US20070953206P 20070801	ORTIZ LUIS M [US]; BACA ANTHONY MICHAEL [US]; WICHERS DONALD [US]	F03D9/00	WIND-DRIVEN ELECTRIC POWER GENERATION SYSTEM ADAPTED FOR MOUNTING ALONG THE SIDE OF VERTICAL, MAN-MADE STRUCTURES SUCH AS LARGE BUILDINGS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010230974 A1 20100916	US20100715394 20100302; US20090158811P 20090310	CANTWELL LARRY [US]	F03D3/02	LOW WIND, VERTICAL AXIS, DUAL STAGE, WIND TURBINE POWER GENERATOR
US2010230975 A1 20100916	US20100720377 20100309; US20090160227P 20090313; US20090180513P 20090522	KEMAH POWER LLC [US]	F03D9/00; H02K15/00	Vertical-Axis Wind Power Turbine System
US2010230977 A1 20100916	US20100658863 20100216; US20060636051 20061208; US20090212901P 20090420	PATEL BHANUPRASAD S [US]; PATEL UMANG BHANUPRASAD [US]	H02K7/116; F03D9/00; F03G7/00	Energy conversion system employing high pressure air, steam or fuming gases
US2010232961 A1 20100916	GB20060016507 20060818; WO2007GB03177 20070820	INSENSYS LTD [GB]	F03D7/02; G01B11/16; G02B6/00	FIBRE OPTIC SENSORS
US2010232963 A1 20100916	GB20060016506 20060818; WO2007GB03180 20070820	INSENSYS LTD [GB]	F03D9/00; B21D53/78; G01B11/16; G01K13/00	STRUCTURAL MONITORING
US2010232965 A1 20100916	US20090381419 20090311	CHANG CHIN-FENG [TW]	F03D9/00; F03D3/06; F03D11/00	Vertical axis wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010232972 A1 20100916	US20100728109 20100319; DE20021025136 20020605; DE20031007682 20030221; US20070846391 20070828; US20070846396 20070828	WOBBEN ALOYS [DE]	B64C27/46; F03D11/00; F03D1/06	ROTOR BLADE FOR A WIND POWER PLANT
US2010232978 A1 20100916	US20100722600 20100312; DK20090000358 20090313; US20090159997P 20090313	VESTAS WIND SYS AS [DK]	F03D11/00	Rotor Lock for a Wind Turbine
US2010233919 A1 20100916	US20090382305 20090312	ERSOY SEYHAN [US]	B63H13/00; F03D3/06; F03D9/00; G01C21/00	Check valve turbine
US2010236160 A1 20100923	FR20060005056 20060607; WO2007FR00914 20070601	FR DES ALIZES SOC [FR]	F03D11/04; E02D35/00; E04H12/18; E04H12/34	WIND POWER MACHINE PROVIDED WITH AN ARTICULATED MAST
US2010236230 A1 20100923	US20090381823 20090317	KHYMYCH VASYL [US]	F15B11/064; F03D9/00; F04D13/04	Airflow power installations
US2010236253 A1 20100923	EP20090003854 20090318; DE200810063250 20081223	NATCON7 GMBH [DE]	F02C6/00; F03B13/00; F03D9/00; F03G6/00; F03G7/04; H01L31/00	Method and system for using renewable energy sources

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010237616 A1 20100923	US20090309155 20090108; US20080010691P 20080110; WO2009US00100 20090108	RICKER JONATHAN CARL [US]	H02P9/04; F03D9/00; F03D11/00	Multi Directional Augmentor and Diffuser
US2010237618 A1 20100923	US20100801133 20100525; JP20060052394 20060228; US20080224293 20080912; WO2007JP53601 20070227	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F03D9/00	Wind power generator system
US2010237627 A1 20100923	US20100661436 20100317; US20090210624P 20090320	SOCOLOVE BERT [US]; THOMSEN SR BRADLEY E [US]	F03D9/00	Vehicle mounted wind powered hydrogen generator
US2010244447 A1 20100930	US20100732720 20100326; US20090164685P 20090330	EMMESKAY INC [US]	F03D9/02; F03D9/00; F16H3/76; H02K17/18	Continuously Variable Transmission Ratio Device with Optimized Primary Path Power Flow
US2010244450 A1 20100930	US20090383569 20090325	TABE JOSEPH AKWO [US]	F03B13/26; F03D9/00	Wind and hydropower vessel plant
US2010244453 A1 20100930	US20100661190 20100312; US20090211281P 20090327	DORNAN MARK [US]	F03D9/00; F04D29/44	Vertical wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010244454 A1 20100930	DE200710041508 20070831; WO2008DE01236 20080724	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D9/00; F16C19/24	ROTOR BEARING FOR A WIND TURBINE
US2010244455 A1 20100930	US20100725048 20100316; US20090211147P 20090330	BERGINC MICHAEL J [US]	F03D9/02	Renewable energy electric power generation system derived from mechanical sources
US2010247295 A1 20100930	DE200910014923 20090325	SKF AB [SE]	F03D11/00; F16C33/58	Tapered Roller Bearing
US2010247302 A1 20100930	US20100797976 20100610; US20090218713P 20090619	UNIV MIAMI [US]	F03D9/00	WIND ENERGY SYSTEM
US2010247311 A1 20100930	DE200910015305 20090327	POWERWIND GMBH [DE]	F03D11/00	WIND ENERGY SYSTEM
US2010247326 A1 20100930	WO2009EP53454 20090324	AMSC WINDTEC GMBH [AT]	F03D11/00; B23P11/00	DEVELOPMENT OF A NEW TOWER CABLING
US2010247351 A1 20100930	DE200910015104 20090331	KLEBER ANDREAS [DE]	F04B35/04; F03B3/12; F03D1/04	AXIAL FLOW FAN, IN PARTICULAR FOR A MOTOR VEHICLE
US2010251789 A1 20101007	US20090408656 20090320	BAIRD JAMES RUSSELL [CA]	E02B13/00; B01D53/62; C05F11/00; F03D9/00; G06Q90/00; H01L35/00; H02K7/18	Global Warming Mitigation Method
US2010253084 A1 20101007	TW20090111174 20090403	IND TECH RES INST [TW]	F03D9/00; F03D3/02	VERTICAL-AXIS WINDPOWER FAN UNIT AND MODULE AND POWER GENERATING SYSTEM THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010253086 A1 20101007	KR20090028984 20090403	DMS CO LTD [KR]	F03D9/00	WIND POWER GENERATOR
US2010253087 A1 20101007	DE200910015926 20090401	LAUKE ANDREAS [DE]	F03D9/00; H02K15/00	Gondola with multi-part main shaft
US2010254798 A1 20101007	US20100661696 20100323; US20090210728P 20090323	TUTT NICHOLAS [US]	F03D7/06	Vertical axis windmill
US2010254799 A1 20101007	US20090424092 20090415; US20090165818P 20090401	CAINES CLYNTON [US]	F03D7/06	WIND ENERGY DEVICE
US2010254808 A1 20101007	KR20080072521 20080723; KR20080072528 20080723; WO2009KR03987 20090717	KIM HONG SU [KR]; KIM GI CHER [KR]	F03D1/04; F01D5/14	MULTI-DIRECTIONAL WIND GUIDE APPARATUS FOR VERTICAL SHAFT MINDMILL
US2010254812 A1 20101007	US20090417895 20090403	LOCKHEED CORP [US]	F03D7/04	WIND TURBINE WITH VARIABLE AREA PROPELLER BLADES
US2010257795 A1 20101014	US20070974675 20071015	PAGLIASOTTI ROBERT R [US]	F03D9/00; E04C2/52; E04F17/04	Building-integrated system for capturing and harvesting the energy from environmental wind

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010258449 A1 20101014	US20100802957 20100616; US20040885876 20040706; US20030485577P 20030707; US20030487372P 20030715; US20030489254P 20030722; US20030494186P 20030811	FIELDER WILLIAM SHERIDAN [US]	C25B1/04; C02F1/04; C25B9/00; C25B15/06; F01D5/03; F03B3/04; F03B13/08; F03B17/06; F03D1/06	Self-sufficient hydrogen generator
US2010259049 A1 20101014	JP20070132455 20070518; WO2008JP57953 20080424	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F03D11/00	WIND TURBINE GENERATOR
US2010259050 A1 20101014	US20100772736 20100503; WO2009US43807 20090513; US20080144222 20080623; US20080054397P 20080519	MELLER MOSHE [IL]	F03D1/02	WIND TURBINE ELECTRICITY GENERATING SYSTEM
US2010260593 A1 20101014	US20090568091 20090928	FREIEZO LLC [US]	F03D3/00; F03D11/00	FLUID TURBINE DEVICES AND METHODS RELATED TO FLUID TURBINE DEVICES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010264654 A1 20101021	US20100762432 20100419; US20090212887P 20090417; US20090275807P 20090903	PRASAD ROMEO [US]	F03D9/02; F03D1/06; F03D3/06; F03D7/00; F03D11/00	STABLE WIND POWER TURBINE
US2010264661 A1 20101021	US20090432837 20090430; US20090426494 20090420	BARBER GERALD L [US]	F03D9/00	ELECTRICAL GENERATOR FOR WIND TURBINE
US2010264662 A1 20101021	US20090481817 20090610; US20090426494 20090420	BARBER GERALD L [US]	F03D9/00; F03D1/02; F03D11/00	Wind Turbine
US2010264663 A1 20101021	US20090492187 20090626; US20090426494 20090420; US20090432837 20090430; US20090481817 20090610	BARBER GERALD L [US]	F03D11/04; F03D9/00	Wind Turbine with Paired Generators
US2010264664 A1 20101021	DE200910017865 20090417	LAUKE ANDREAS [DE]	F03D1/00	Generator arrangement for a wind power plant
US2010264665 A1 20101021	US20100761212 20100415; US20090170360P 20090417	3M INNOVATIVE PROPERTIES CO	F03D11/00; B64D45/02; H02G13/00	LIGHTNING PROTECTION SHEET WITH PATTERNED DISCRIMINATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010264666 A1 20101021	US20100761864 20100416; DK20090000501 20090417; US20090170168P 20090417	VESTAS WIND SYS AS [DK]	F03D9/00	WIND PARK, METHOD OF CORRECTING VOLTAGE IMBALANCES, AND WIND TURBINE
US2010266382 A1 20101021	EP20070075909 20071022; WO2008NL00235 20081021	ACTIFLOW B V [NL]	F03B11/00; F03D9/00	WIND TURBINE WITH BOUNDARY LAYER CONTROL
US2010266383 A1 20101021	US20100759282 20100413; US20090171156P 20090421	WHITE KOJO [US]	F03D3/00	BALANCED SAIL WIND TURBINE
US2010266388 A1 20101021	KR20090034457 20090421	KIM TAK-SOO [KR]	F03D11/00	FAN MOTOR APPARATUS FOR VACUUM CLEANER
US2010266407 A1 20101021	US20090607440 20091028; US20090426494 20090420; US20090432837 20090430; US20090492187 20090626; US20090499206 20090708	BARBER GERALD L [US]	F03D7/02; F03D9/00; F03D11/00	Wind Turbine with Sail Extensions
US2010270799 A1 20101028	US20100765491 20100422; US20090171665P 20090422	SCHMIDT ERIC [US]	F03D9/00; F01D5/12; F01D25/00; F03B13/00; H02P9/04	Wind Turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010270800 A1 20101028	US20100768657 20100427; US20090214695P 20090427	KRIETZMAN MARK H [US]; GLUCK PETER J [US]; FARONE WILLIAM A [US]; CHOW YUNG [US]	F03D9/02; F03D9/00; H02P9/04	WIND ENERGY SYSTEMS AND METHODS OF USE
US2010270802 A1 20101028	US20100749341 20100329; US20080054050 20080324; US20090425358 20090416; US20080053695 20080324; US20090629714 20091202; US20070919588P 20070323; US20080124397P 20080416; US20080119078P 20081202	FLODESIGN WIND TURBINE CORP [US]	F03D9/00; F03D1/04; F03D1/06	WIND TURBINE
US2010270804 A1 20101028	ZA20050005010 20050621; WO2006ZA00080 20060620	DATEL THOMAS JOSEPH [ZA]	F03D11/00	AIR FLOW TURBINE
US2010270807 A1 20101028	US20090430208 20090427	MANNING DAVID WYLIE [US]	F03D9/00	METHODS AND APPARATUS FOR PRODUCING ENERGY FROM EXHAUST STREAMS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010270808 A1 20101028	US20100657914 20100129; US20090214402P 20090423	BATES DANIEL L [US]; SCHLICHER BOB G [US]; OWEN JOHN R [US]; TANGIRALA RAVI K [US]; GUNTUR SRINIVAS K [US]; JOHNSON GARY E [US]	F03D9/00	Modular alternative energy unit
US2010272574 A1 20101028	US20100828316 20100701; US20060403674 20060413	GEN ELECTRIC [US]	F03D11/00; B05D7/00; B32B5/12; B32B37/06; B65H81/00; C08F2/46	DUAL CURE RESIN COMPOSITE SYSTEM AND METHOD OF MANUFACTURING THE SAME
US2010276931 A1 20101104	US20100834761 20100712; DE20011048225 20010928; US20060489186 20060718; US20060345034 20060201; US20040490896 20041022; WO2002EP10627 20020921	WOBBEN ALOYS [DE]	F03D9/00; H02P9/04	METHOD OF OPERATING A WIND PARK
US2010276936 A1 20101104	US20090387372 20090501	GOLGOSKI JR JOHN J [US]	F03D9/00	Air and fluid energy recovery device
US2010276937 A1 20101104	US20090433662 20090430	CLYNES MANFRED [US]	F03D9/00; G09F21/06	GENERATING ELECTRICITY USING WIND

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010276938 A1 20101104	US20090434337 20090501	SMITH EDWARD VICTOR [US]	F03D9/02	AEROGENERATOR
US2010276939 A1 20101104	US20090487447 20090618; US20090433662 20090430	CLYNES MANFRED [US]	F03D9/00; G09F21/06	GENERATING ELECTRICITY USING WIND
US2010276940 A1 20101104	US20100661858 20100325; US20090211100P 20090326	TERRA TELESIS INC [US]	F03D9/00; F03D3/06	Wind power generator system, apparatus, and methods
US2010276941 A1 20101104	US20100754879 20100406; US20090215201P 20090504; US20090215202P 20090504; US20090215204P 20090504	SKYWIND INC [US]	F03D9/00; F03B13/00; F03G7/00	SYSTEM AND METHOD FOR UMBRELLA POWER GENERATION
US2010278629 A1 20101104	US20100834722 20100712; US20090355411 20090116; US20060608658 20061208; US20050766003P 20051229	KRIPPENE BRETT C [US]	F03D3/04	Vertical Multi-Phased Wind Turbine System
US2010278650 A1 20101104	US20080017728 20080122; US20070934450P 20070613; US20070881748P 20070122	PARKER DANIEL B [US]	F03D1/06	WIND TURBINE BLADE ASSEMBLY AND APPARATUS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010280672 A1 20101104	EP20040380051 20040305; WO2005ES00111 20050304	LLORENTE GONZALEZ JOSE IGNACIO [ES]; MARTINEZ DE LIZARDUY ROMO MARIA JOSE [ES]	G06F1/28; F03D11/00; H02J3/38	System for regulating the active power of a wind farm
US2010283244 A1 20101111	US20090463541 20090511	CATERPILLAR INC [US]	F03D9/02	Energy Generation and Storage System
US2010283252 A1 20101111	US20090644028 20091222; US20090463295 20090508	FRADELLA RICHARD B [US]	F03D3/00; F03B13/00; F03D1/00; F03G5/06; H02K7/102; H02K9/22; H02K11/04; H02K16/02; H02P9/48	BROAD SPEED RANGE GENERATOR
US2010283253 A1 20101111	US20100784328 20100520; US20090381156 20090306; US20090179840P 20090520; US20090236521P 20090824; US20090258177P 20091104; US20090267430P 20091207	BEVIRT JOEBEN [US]	F03D9/00; B64C29/00	Tethered Airborne Power Generation System With Vertical Take-Off and Landing Capability

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010284802 A1 20101111	US20090555446 20090908; US20100793385 20100603; US20070919588P 20070323; US20080054050 20080324; US20090183749P 20090603; US20080191358P 20080908	FLODESIGN WIND TURBINE CORP [US]	F03D1/04; F03D11/00	INFLATABLE WIND TURBINE
US2010289265 A1 20101118	US20100782446 20100518; US20090179199P 20090518	BURNS TIMOTHY GENE [US]; EDWARDS JODY [US]	F03D9/00; H02P9/04	WIND DAM AND VERTICAL TURBINE SYSTEM
US2010289269 A1 20101118	US20100710331 20100222; US20090154390P 20090221	CHRISTY FRANK L [US]; KEISER STEPHEN C [US]; ARCHER DAVID M [US]	F03D9/00; F03D3/00; F03D11/00; H01L31/042	SOLAR WIND TREE
US2010290905 A1 20101118	US20100780449 20100514; DK20090070007 20090518; US20090179126P 20090518	VESTAS WIND SYS AS [DK]	F03D7/00	Wind Turbine Control Method

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010290916 A1 20101118	US20100844675 20100727; DE200410007487 20040213; US20060504118 20060816; WO2005EP50585 20050210	WOBBEN ALOYS [DE]	B64C27/46; B23P15/02; F03D1/00; F03D1/06	ROTOR BLADE FOR A WIND TURBINE
US2010295305 A1 20101125	US20100714982 20100301; US20090179903P 20090520	E NET LLC [US]	F03D7/04	WIND TURBINE AND CONTROL SYSTEM
US2010295308 A1 20101125	NL20071034458 20071002; WO2008NL50631 20081002	BEPART B V [NL]	H02K7/18; F03D3/02	MICROTURBINE SYSTEM, AND METHOD
US2010295314 A1 20101125	US20090454613 20090519	SOHN CHESTER [US]	F03D9/00; F03D9/02	Floating wind turbine
US2010295315 A1 20101125	US20090471450 20090525	HARRIS TECHNOLOGY LLC [US]	F03D9/02	Air regeneration for a moving vehicle
US2010295317 A1 20101125	US20100714913 20100301; US20090179968P 20090520	E NET LLC [US]	F03D9/00	WIND TURBINE
US2010295319 A1 20101125	US20100783774 20100520; US20090180157P 20090521	ENGAUGE CONTROLS INC [CA]	F03D9/00	WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010295321 A1 20101125	US20100784394 20100520; US20090179840P 20090520; US20090236521P 20090824; US20090258177P 20091104; US20090267430P 20091207	BEVIRT JOEBEN [US]	F03D9/00; B64C19/00; H02J3/36	Method for Generating Electrical Power Using a Tethered Airborne Power Generation System
US2010296913 A1 20101125	KR20060101180 20061018; WO2007KR02902 20070615; KR20070006007 20070119	AERONET CO INC [KR]	F03D3/02; F03D7/06; H02P9/04	WIND POWER GENERATING SYSTEM WITH VERTICAL AXIS JET WHEEL TURBINE
US2010296928 A1 20101125	US20090454823 20090521	FALCONE ANDREW J [US]; LEACH DAVID HINMAN [US]; STREETER JAMES N [US]	E04C2/30; B32B37/02; E04C2/34; F03D1/02	Wind turbine accelerator panels and method of making same
US2010296940 A1 20101125	US20090470405 20090521	ZUTECK MICHAEL D [US]	F03D11/00; F03D1/06	SHELL STRUCTURE OF WIND TURBINE BLADE HAVING REGIONS OF LOW SHEAR MODULUS
US2010296941 A1 20101125	US20090470435 20090521	ZUTECK MICHAEL D [US]	F03D11/00; F01D5/28	OPTIMIZATION OF PREMIUM FIBER MATERIAL USAGE IN WIND TURBINE SPARS
US2010301612 A1 20101202	US20090471481 20090526	LEE JIA-YUAN [TW]	F03D9/00; F03D1/06	WIND TURBINE
US2010303614 A1 20101202	US20090474621 20090529	HECTOR NORBERT [US]	F03D3/00; F03B3/18	Energy Collection System

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010303618 A1 20101202	EP20090161652 20090602	PENN ROBERT [DE]	F03D3/04	WIND POWER STATION WITH DARRIEUS-ROTOR
US2010303623 A1 20101202	US20090471603 20090526	DAWOUD GUIRGUIS [US]; YACOUB ANNETTA ATTIA [US]	F03D7/04; F03D9/00	WIND POWER DEVICE
US2010303633 A1 20101202	DE200710048557 20071009; WO2008EP08432 20081007	VOM STEIN HANS-JOACHIM [DE]	F16C33/76; F03D11/00; F16J15/16; F16J15/54	Assembly for Sealing a Roller Bearing
US2010305760 A1 20101202	FR20070058434 20071019; WO2008EP08566 20081010	SCHOEN JAN HENDRIK [NO]	E04F10/02; E05F15/20; F03D9/00; G05B15/00	SOLAR PROTECTION INSTALLATION EQUIPPED WITH A WIND SENSOR
US2010307147 A1 20101209	US20100802224 20100602; US20090184515P 20090605	IVY STEVEN THOMAS [US]; EASTWOOD GUY CARL [US]	F15B1/027; B65G5/00; E02B3/00; F03D9/02; F15B1/08	Energy storage system
US2010308586 A1 20101209	US20090863948 20090224; US20080032665P 20080229; WO2009US34975 20090224	EFFICIENT DRIVETRAINS INC [US]	F03D7/00; F03D11/02	Wind Turbine Systems Using Continuously Variable Transmissions and Controls
US2010308594 A1 20101209	WO2008JP62889 20080717	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F16C19/00	BEARING STRUCTURE AND WIND TURBINE GENERATOR
US2010310361 A1 20101209	FR20070007124 20071011; WO2008FR01425 20081010	ELENA EN [FR]	F03D1/02; F03D1/04; H02P9/04	WIND TURBINE WITH TWO SUCCESSIVE PROPELLERS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010310370 A1 20101209	US20100685503 20100111; US20090183672P 20090603	FENAUGHTY THOMAS MELLUS [US]	F03D7/06; F03D3/06	TURBINE WITH VANES AND TETHERS THAT ADJUST TO THE WIND
US2010310372 A1 20101209	US20100795913 20100608; DK20090000708 20090608; US20090184882P 20090608	VESTAS WIND SYS AS [DK]	F03D11/00	ACTUATION OF MOVABLE PARTS OF A WIND TURBINE ROTOR BLADE
US2010310379 A1 20101209	US20070962874 20071221	GEN ELECTRIC [US]	F03D11/00; B23P15/04	STRUCTURE AND METHOD FOR SELF-ALIGNING ROTOR BLADE JOINTS
US2010313497 A1 20101216	WO2006DK00101 20060220	JENSEN JESPER KOFOED [DK]	F03D11/04; E04B1/19; E04H12/00	Wind Turbine Tower, A Wind Turbine And A Method For Assembling A Wind Turbine Tower
US2010314878 A1 20101216	US20090485894 20090616	DEWITT MONTE DOUGLAS [US]	H02K7/18; F02C3/20; F02C3/30; F03D9/02	Direct Generation of Steam Motive Flow by Water-Cooled Hydrogen/Oxygen Combustion
US2010314881 A1 20101216	US20090457531 20090615	CHALLENGER DESIGN LLC	F03D9/00; H02K7/116; H02P27/00	Auxiliary drive/brake system for a wind turbine
US2010314882 A1 20101216	ES20070002845 20071029; WO2008ES70197 20081027	GAMESA INNOVATION & TECH SL [ES]	F03D9/00	POWER TRAIN FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010314885 A1 20101216	US20100828698 20100701; US20080054050 20080324; US20090629714 20091202; US20090222142P 20090701; US20070919588P 20070323; US20080119078P 20081202	FLODESIGN WIND TURBINE CORP [US]	F03D9/00	SHROUDED WIND TURBINE WITH RIM GENERATOR AND HALBACH ARRAY
US2010314886 A1 20101216	US20100862700 20100824; US20080124573 20080521; US20070939604P 20070522	POTTER LYNN [US]	F03D9/00; B64B1/50; F01D1/16	FUNNELED WIND TURBINE AIRCRAFT FEATURING A DIFFUSER
US2010316487 A1 20101216	US20100779510 20100513; US20080054050 20080324; US20070919588P 20070323; US20090177880P 20090513	FLODESIGN WIND TURBINE CORP [US]	F03D11/00; F03D1/04	WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010316493 A1 20101216	US20100782943 20100519; US20080054050 20080324; US20090565090 20090923; US20070919588P 20070323	FLODESIGN WIND TURBINE CORP [US]	F03D1/04	TURBINE WITH MIXERS AND EJECTORS
US2010316500 A1 20101216	US20090456363 20090616	BLANTON JEFFREY TODD [US]; PRESTON LARRY DUANE [US]	F03D1/06; F03D11/00	Wind turbine rotor blade and airfoil section
US2010319308 A1 20101223	US20100854196 20100811; US20100774936 20100506; US20090175799P 20090506; US20090233207P 20090812	ABRAMOV YURI [IL]	E03B3/28; F03D11/00	ECOLOGICALLY CLEAN METHOD AND APPARATUS FOR WATER HARVESTING FROM AIR
US2010320760 A1 20101223	TW20090120820 20090622	POWER LIGHT TECH CO LTD [TW]	H02P9/00; F03D9/00; H01L31/042	Solar and Wind Power Generator Capable of Tracking Sunlight Automatically
US2010320762 A1 20101223	DE200810010260 20080220; DE200810034531 20080724; DE200810034532 20080724; WO2009EP01139 20090218	REPOWER SYSTEMS AG [DE]	F03D9/00; H02P9/48	WIND ENERGY INSTALLATION HAVING A DOUBLE-ENERGIZED ASYNCHRONOUS GENERATOR AND CONVERTER CONTROL
US2010320768 A1 20101223	US20090488810 20090622	LU SHUN-TSUNG [TW]	F03B13/06; F03D9/00	HYDRAULIC ELECTRICITY GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010320769 A1 20101223	DK20060001683 20061220; WO2007EP64333 20071220	VESTAS WIND SYS AS [DK]	F03D11/02	Wind Turbine Comprising a Torsional Vibration Absorber
US2010320772 A1 20101223	IL20080189765 20080226; WO2009IL00217 20090226	EFRATYI AVI [IL]	F03D11/02; C02F1/44	HYDRAULIC WIND FARMS FOR GRID ELECTRICITY AND DESALINATION
US2010322768 A1 20101223	IT2007LO00001 20070927; WO2008IB02512 20080926	COMANDU ANGELO [IT]; BONOMI GIOVANNI [IT]	F03D7/02	VARIABLE-GEOMETRY BLADE FOR AN EOLIC GENERATOR
US2010322769 A1 20101223	US20090614232 20091106; US20080110100 20080425; US20080031317P 20080225	STEPHENS THOMAS GLENN [US]; BRANTLEY JR BRANDON D [US]; CORMEY JASON DANIEL [US]; VANCE ROBERT CLIFTON [US]; SKARZENSKI PETER CHRIS [US]	F03D3/06	FLUID TURBINE OPTIMIZED FOR POWER GENERATION
US2010322770 A1 20101223	US20080744971 20081202; US20070996755P 20071204; WO2008IL01567 20081202	CORIOLIS WIND INC [US]	F03D3/00; F03D11/00	TURBINE BLADE CONSTRUCTIONS PARTICULAR USEFUL IN VERTICAL-AXIS WIND TURBINES
US2010327109 A1 20101230	US20100876315 20100907; US20050269700 20051109	PRATT & WHITNEY CANADA [CA]	B64C25/50; F02C6/00; F03D9/00	METHOD AND SYSTEM FOR TAXIING AN AIRCRAFT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010327585 A1 20101230	US20100820178 20100622; DK20090000809 20090630; US20090221576P 20090630	VESTAS WIND SYS AS [DK]	H02P9/04; F03D7/00	Control System for an Electrical Generator and Method for Controlling an Electrical Generator
US2010327596 A1 20101230	US20090490325 20090624	WILLIAMS MICHAEL ANTHONY [US]	F03D9/00; F03B3/12; F03B13/00; F03D3/06	Venturi Effect Fluid Turbine
US2010327598 A1 20101230	US20090493487 20090629	LIN CHENG-TE [TW]	F03D9/00	WIND TURBINE
US2010327599 A1 20101230	US20100820529 20100622; DK20090000812 20090630; US20090223723P 20090708	VESTAS WIND SYS AS [DK]	F03D9/00	WIND POWER PLANT PREDICTIVE PROTECTION CIRCUIT
US2010329841 A1 20101230	US20100655865 20100319; US20090205324P 20090121	O'NEIL JOHN LEE [US]	F03D3/04; F03D7/06; F03D11/02	California wind engine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US2010329867 A1 20101230	US20090495066 20090630	PATEL PRIYANGU C [US]; HIDDING EDWIN [DE]; BARNES GARY R [US]; JANSEN PATRICK LEE [US]; MINADEO ADAM DANIEL [US]; JOHNSON STEPHEN B [US]; MADGE JAMES H [US]; WILSON BLAKE WELDON [US]; BUSKIRK ERIC STEVEN [US]	F03D11/02; B23P11/00; F16D51/00; F16D55/08; F16H57/10	DRIVETRAIN SYSTEM FOR A WIND TURBINE GENERATOR AND METHOD OF ASSEMBLING THE SAME
US7750492 B1 20100706	US20090613305 20091105	FLORIDA TURBINE TECH INC [US]	F03D3/04	Bearingless floating wind turbine
US7750494 B1 20100706	US20070998912 20071203; US20060874504P 20061213	BEHRENS RUDOLPH [US]; BEHRENS TODD [US]; BEHRENS COURTNEY [US]; BEHRENS DEREK [US]	F03D9/00	Systems and vessels for producing hydrocarbons and/or water, and methods for same
US7758299 B1 20100720	US20070977693 20071024; US20060854010P 20061024	JARECKI FRANK [US]	F03D3/04	Wind turbine assembly

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US7766600 B1 20100803	US20040854280 20040527; US20030443954 20030523; US20020386569P 20020607	VANDERHYE ROBERT A [US]; AUGELLO MIKE [US]; NICOL TERRANCE [US]; REES CHRIS [US]; SHEDD JAMES [US]; ZBYTNIEWSKI WILLIAM [US]	F03D3/00	Savonius rotor with spillover
US7766602 B1 20100803	US20070955494 20071213	STROBURG ELDON L [US]	F03D7/06	Windmill with pivoting blades
US7775760 B1 20100817	US20090496769 20090702	FINNELL ALFRED W [US]	F03D1/06	Turbine wheel
US7777359 B1 20100817	US20070877828 20071024	GIBSON ALLAN L [US]	F03B13/00; F03C1/00; F03D9/00	Method and apparatus for generating electrical energy
US7786611 B1 20100831	US20090483707 20090612; US20080060809P 20080612	MANAUGH THOMAS [US]; LEON DAVID [US]	F03D9/00	System and method for generating wind power from a vertical structure
US7794205 B1 20100914	US20070707906 20070220; US20060781342P 20060313	LOWE-WYLDE GREGORY J T [CA]	F03D3/00	Vertical axis wind turbine bearing axial load sharing
US7804185 B1 20100928	US20090378961 20090223; US20050305864 20051219	DRAVIS MARTIN W [US]	F03D9/00; H02P9/04	Non-fuel combusting stand alone air turbine engine
US7808121 B1 20101005	US20090584267 20090902	KENERGY DEV CORP [US]	F03D9/02	Vehicle with electricity generating, braking wind turbine

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
US7821152 B1 20101026	US20080074207 20080303; US20060361404 20060224	YOUNG WAYNE DAVIS [US]	F03D9/00	System for generating heat using a wind tunnel
US7830032 B1 20101109	US20090549729 20090828	BREEN JOSEPH G [US]	F03B13/10; F03B13/12; H02P9/04	Generating power from natural waves in a body of water
US7847426 B1 20101207	US20070903521 20070920	MAKANI POWER INC [US]	F03D9/00	Wind power generation
WO2010072112 A1 20100701	CN20081207838 20081222	SANY ELECTRIC CO LED [CN]; WU JIALIANG [CN]; LI CHENGFENG [CN]	F03D9/00; F03D1/06; F03D7/04; H02J3/38	WIND GENERATING SET, WIND GENERATING SYSTEM AND OPERATING CONTROL METHOD THEREOF
WO2010072188 A1 20100701	DE200810063044 20081223	AERODYN ENG GMBH [DE]; SIEGFRIEDSEN SOENKE [DE]	F03D11/02; F16H1/48	PLANETARY GEAR
WO2010072190 A2 20100701	DE200810063043 20081223	AERODYN ENG GMBH [DE]; SIEGFRIEDSEN SOENKE [DE]	F03D11/00	LOCKING DEVICE FOR THE ROTOR OF WIND TURBINES
WO2010072196 A1 20100701	DE200810062910 20081223	SCHAEFFLER TECHNOLOGIES GMBH [DE]; ZEIDLHACK RUDOLF [DE]	F16C19/18; F03D11/00; F16C19/49	ROLLING BEARING FOR A PIVOTED MOUNT ABSORBING RADIAL FORCES, AXIAL FORCES AND TILTING MOMENTS
WO2010072645 A1 20100701	EP20080172789 20081223	XEMC DARWIND B V [NL]; DAMEN MICHIEL EDUARD CORNELIS [NL]; LUIMES HERMAN [NL]	F03D9/00; F03D7/02; F03D11/00	WIND TURBINE AND METHOD FOR MONITORING THE GAP LENGTH BETWEEN A ROTOR AND A STATOR OF THE WIND TURBINE GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010074377 A1 20100701	KR20080131847 20081223	CHOI MAL-HEE [KR]; YU YOUNG-SIL [KR]	F03D3/04	GENERATOR WITH ECCENTRIC ROTOR USING WIND ENERGY
WO2010074545 A2 20100701	KR20080134234 20081226; KR20090131479 20091228	LEE BYUNG CHUL [KR]	F03D3/00; F03D3/04; F03D11/04	BUOYANT WINDMILL
WO2010075515 A1 20100701	US20080140710P 20081224	MARTINO DOMINICK DANIEL [US]	F03D9/00	PRIME MOVER
WO2010075833 A2 20100708	DE200910004070 20090102	AERODYN ENG GMBH [DE]; SIEGFRIEDSEN SOENKE [DE]	F03D7/02	WIND POWER PLANT
WO2010075837 A2 20100708	DE200810062512 20081216	SCHAEFFLER TECHNOLOGIES GMBH [DE]; FERDERER FRANK [DE]; ZIERDEN OLIVER [DE]	F03D11/00	APPARATUS IN A WIND POWER PLANT FOR REDUCING OVERLOADS
WO2010076219 A2 20100708	DE200810063808 20081219	WATERMANN WOLFGANG [DE]; LEHMANN GOTTFRIED [DE]	F03D3/00	WIND POWER PLANT
WO2010076500 A1 20100708	FR20080007080 20081216; FR20090051329 20090303	ROCHE HENRI-PIERRE [FR]	G01S13/88; F03D7/00; G01S13/56; G01S13/87; G01S13/93	METHOD FOR DETECTING A BIRD OR A FLYING OBJECT
WO2010077035 A2 20100708	KR20080135279 20081229	RHO YOUNG GYU [KR]	F03D3/04; F03D3/06; F03D11/00	WINDPOWER AMPLIFICATION AND BACK-RESISTANCE ELIMINATION DEVICE FOR VERTICAL WIND-POWERED ELECTRICITY GENERATION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010077036 A2 20100708	KR20080135275 20081229	RHO YOUNG GYU [KR]	F03D3/06; F03D3/02; F03D11/00	MOVABLE ROTOR BLADE STRUCTURE FOR VERTICAL WIND-POWERED ELECTRICITY GENERATION
WO2010077145 A1 20100708	NO20080005321 20081219	SMARTMOTOR AS [NO]; OEVERBOE SIGURD [NO]; MATVEEV ALEXEY [NO]; SKJELLNES TORE [NO]	H02J3/18; F03D9/00; H02J3/38; H02P9/42	METHOD FOR OPERATION OF A PERMANENT MAGNET SYNCHRONOUS MACHINE, AND A DEVICE IN AN ELECTRIC SYSTEM COMPRISING SUCH A MACHINE
WO2010077150 A1 20100708	NO20090000001 20090101	NESHEIM ARVID [NO]	F03B17/00; F03D5/00	ENERGY CONVERTER
WO2010077485 A1 20100708	US20080141471P 20081230	DOW GLOBAL TECHNOLOGIES INC [US]; MARKS MAURICE J [US]; HUNTER GARY A [US]	C08G59/24; B29C70/44; C08G59/50; F03D1/06	DIVINYLARENE DIOXIDE FORMULATIONS FOR VACUUM RESIN INFUSION MOLDING
WO2010078656 A1 20100715	US20090143546P 20090109	SANDERS JOHN M [CA]	F03D3/00; F03D3/06; F03D7/06	VERTICAL SHAFT WINDMILL WITH GOVERNOR
WO2010078723 A1 20100715	WO2009CN70078 20090108	PENG MICHAEL [CN]	F03D1/04; F03D3/04; F03D9/00; F03D11/04	AIR CURRENT GENERATING SYSTEM AND METHOD
WO2010078886 A2 20100715	DE200810063873 20081219; DE200910008340 20090126	BOSCH GMBH ROBERT [DE]; TENBERGE HEINZ-JOSEF [DE]; VATH ANDREAS [DE]	F03D11/00; F03D9/00	TURBINE POWER PLANT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010078887 A1 20100715	DE200910004286 20090110	BOSCH GMBH ROBERT [DE]; JANOUSCH HANS-PETER [DE]	F15B20/00; F03D7/02	HYDRAULIC CONTROL CIRCUIT
WO2010078944 A2 20100715	DE200910004494 20090109	IMO HOLDING GMBH [DE]; FRANK HUBERTUS [DE]	F16C33/58; F03D11/00; F16C19/16; F16H55/10	DEVICE FOR ROTATABLY COUPLING TWO SYSTEM COMPONENTS AND WIND POWER PLANT THUS EQUIPPED
WO2010079150 A2 20100715	DE200910004135 20090106	KENERSYS GMBH [DE]; BECKER MARKUS [DE]	F03D1/00	METHOD FOR VERTICALLY MOVING LOADS ALONG A WIND ENERGY PLANT
WO2010079627 A1 20100715	JP20090001306 20090107	NOAI CO LTD [JP]; HARA AKIO [JP]	F03D11/04	FIXING STRUCTURE FOR GENERATOR SHAFT OF WIND DRIVEN GENERATOR OF OUTER ROTOR CORELESS TYPE
WO2010079745 A1 20100715	JP20090001345 20090107	SHIN KOBE ELECTRIC MACHINERY [JP]; ABE KEIKO [JP]; WATANABE MASAHIRO [JP]; KOBAYASHI YASUHIRO [JP]; FURUKAWA TOSHIYUKI [JP]; TAKABAYASHI HISAAKI [JP]; HIROSE YOSHIKAZU [JP]	F03D9/02; H01M10/44; H01M10/48; H02J3/32; H02J7/00	SYSTEM FOR CONTROL OF WIND POWER ELECTRICITY GENERATION ACCUMULATOR AND METHOD OF CONTROL THEREOF
WO2010080043 A2 20100715	NO20090000378 20090112; NO20090001566 20090420	SIRSETH THORBJOEM [NO]	F03D9/00; F03B13/00	ENERGY SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010080045 A1 20100715	WO2009PT00002 20090108	SEA FOR LIFE LDA [PT]; DA FONSECA TEIXEIRA NUNO ARMANDO [PT]	F03B13/18; F03D9/00	DEVICE FOR GENERATING ENERGY FROM THE MOTION OF SEA WAVES
WO2010080052 A1 20100715	RU20090103828 20090205	SHPOLIANSKIY YULIY BORISOVITCH [RU]; ISTORIK BORIS LVOVITCH [RU]	F03B3/00; F03D3/00	LOW-HEAD ORTHOGONAL TURBINE
WO2010080391 A2 20100715	US20080339934 20081219	FRONTIER WIND LLC [US]; DAWSON MARK [US]; WALLACE JACK [US]	F03D7/04; F01D7/00	CONTROL MODES FOR EXTENDABLE ROTOR BLADES
WO2010080574 A2 20100715	US20090177157P 20090511; US20080138547P 20081218	RYDON ENERGY L L C [US]; FOX DONALD A [US]; KRAFT RYAN [US]	F03D3/06; F03D7/04; F03D11/00	WIND TURBINE
WO2010081483 A1 20100722	EG20090000077 20090118	JABR IBRAHIM MOHAMMAD [EG]	F03D3/04	THE EXPLOITATION OF WIND ENERGY IN DIRECTING AND ACCELERATING CHANNEL
WO2010081568 A2 20100722	US20090144713P 20090114	AMSC WINDTEC GMBH [AT]; FISCHER MARTIN [AT]; WOLF ANTON [DE]; SCHWARZ MICHAEL [AT]	F03D9/00	GENERATOR, NACELLE, AND MOUNTING METHOD OF A NACELLE OF A WIND ENERGY CONVERTER
WO2010081758 A2 20100722	DK20090000045 20090113; US20090144219P 20090113	VESTAS WIND SYS AS [DK]; OELLGAARD BOERGE [DK]	F03D11/00	A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010082699 A1 20100722	KR20090003793 20090116; KR20090003794 20090116	TNET CO LTD [KR]; SEUONG DUK NAM [KR]	F03D3/06; F03D3/00	BLADE ANGLE ADJUSTING DEVICE FOR WIND POWER GENERATOR
WO2010083043 A2 20100722	US20090145594P 20090119; US20090629921 20091203	GREENGUY INTERNATIONAL LLC [US]; CAUDILL GUY S [US]	F03D9/00	ENVIRONMENTAL POWER GENERATION DEVICE AND ASSOCIATED METHODS
WO2010083503 A2 20100722	US20090145376P 20090116	BRICKETT BENJAMIN P [US]	F03D11/02; F03B13/12; F03B13/22; F03D11/00	METHOD AND APPARATUS FOR FLUID TURBINE HAVING A LINEAR ACTUATOR
WO2010083524 A1 20100722	US20090145718P 20090119	ELLIOTT & ASSOCIATES INC R [US]; ELLIOTT RAND [US]; JACOB JAMEY D [US]	F03D3/00	SKYSCRAPER WITH INTEGRATED WIND TURBINES
WO2010083590 A1 20100729	US20090146343P 20090122	HARRISON HOWARD [CA]	H02K7/18; F03D9/00; H02J15/00; H02K7/10; H02K16/00; H02P9/04	MODULAR GENERATOR SYSTEM FOR WIND TURBINES
WO2010083610 A1 20100729	US20090147009P 20090123	HALL RONALD [CA]; BRUNET ROBERT ALLEN HENRY [CA]; BALL JOHN BRADLEY [CA]	F03D9/00; F02B63/04; F02B65/00; F03D3/00; H02K7/18	WIND POWERED SYSTEM FOR REDUCING ENERGY CONSUMPTION OF A PRIMARY POWER SOURCE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010083724 A1 20100729	CN20091003965 20090121	YAN QIANG [CN]; SHEN YIHUI [CN]; ZHANG DONG [CN]; JIANG CHAOQI [CN]; NIU HAIFENG [CN]	F03D3/00; F03D11/00	BRAKE SYSTEM FOR VERTICAL AXIS WIND-POWERED GENERATOR AND BRAKING METHOD THEREOF
WO2010083763 A1 20100729	CN200920017220U 20090121	TSANG FUNG LING [CN]	F03D3/06; B60L8/00	IMPELLER DEVICE AND AUTOMATIC-SWITCHING REGENERATIVE CHARGING SYSTEM BETWEEN KINETIC ENERGY AND WIND ENERGY
WO2010083837 A2 20100729	DK20090000086 20090120; US20090205723P 20090121	VESTAS WIND SYS AS [DK]; ROSENGREN JESPER STAERKE [DK]; KRISTENSEN JONAS [DK]	F03D1/00	A GRIPPING APPARATUS FOR HANDLING AND/OR SERVICING COMPONENTS OF A WIND TURBINE, AND A METHOD AND A WIND TURBINE TOWER THEREFORE
WO2010083846 A1 20100729	WO2009EP00326 20090120	POWERWIND GMBH [DE]; BARTSCH MATTHIAS [DE]	F03D9/00; H02J3/26	METHOD AND CIRCUIT ARRANGEMENT FOR SUPPLYING A MULTIPHASE ELECTRICAL NETWORK
WO2010083866 A2 20100729	DE200910006054 20090124	BOSCH GMBH ROBERT [DE]; BUCHTALA BORIS [DE]; BERGER GUENTER [DE]; SCHNURR BERND [DE]	F03D7/02	STATIONARY ENERGY PRODUCTION PLANT HAVING A BRAKING DEVICE
WO2010083903 A2 20100729	DE200910005959 20090123	AVANTIS LTD [CN]; BODENSTEIN KLAUS [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]	F03D7/02; F03D7/04	SWITCHGEAR CUBICLE ARRANGEMENT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010083904 A2 20100729	DE200910006017 20090123	AVANTIS LTD [CN]; BODENSTEIN KLAUS [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]	F03D9/02	MAGNET WHEEL
WO2010083905 A2 20100729	DE200910005956 20090123	AVANTIS LTD [CN]; BODENSTEIN KLAUS [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]	F03D9/00	MAGNET RING
WO2010083906 A2 20100729	DE200910005960 20090123	AVANTIS LTD [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]; BODENSTEIN KLAUS [CN]	H02K7/18; F03D9/00; F03D11/00	POLE WHEEL FOR A WIND TURBINE
WO2010083907 A2 20100729	DE200910005957 20090123	AVANTIS LTD [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]; BODENSTEIN KLAUS [CN]	F03D9/02	METHOD FOR PRODUCING A MAGNETIC SYSTEM COMPRISING A POLE WHEEL
WO2010083921 A2 20100729	CN20092006845U 20090123	VESTAS WIND SYS AS [DK]; JENSEN JAKOB HJORTH [DK]	B29B11/16	A PRE-FORM AND A SPAR COMPRISING A REINFORCING STRUCTURE
WO2010084131 A2 20100729	DK20090000101 20090122; US20090146443P 20090122	VESTAS WIND SYS AS [DK]; ABDALLAH IMAD [DK]; WESTERGAARD CARSTEN HEIN [DK]; NIELSEN THOMAS S BJERTRUP [DK]	F03D7/02	CONTROL OF A WIND TURBINE ROTOR DURING A STOP PROCESS USING PITCH AND A SURFACE ALTERING DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010084418 A2 20100729	IT2009VE00006 20090126	PRIOR FABRIZIO [IT]; FRASSINELLI ERNESTO [IT]; MITTERRUTZNER ANTONIO [IT]; ALTERNATIVA DI CASELLATO ANDRE [IT]	F03D9/00	ELECTRICAL GENERATOR USING RENEWABLE ENERGY SOURCES
WO2010084520 A1 20100729	IT2009TO00008U 20090123	SEQUOIA AUTOMATION S R L [IT]; IPPOLITO MASSIMO [IT]	D07B5/00; D07B1/00; D07B1/02; D07B1/16; F03D5/00	TETHER FOR TROPOSPHERIC AEOLIAN GENERATOR
WO2010085019 A1 20100729	KR20090004543 20090120	KIM HONG GEUN [KR]	F03D3/06	VERTICAL AXIS WIND TURBINE HAVING RADIAL WIND CHAMBERS
WO2010085960 A2 20100805	DK20090000149 20090130; US20090148508P 20090130	VESTAS WIND SYS AS [DK]; SIVALINGAM KRISHNAMOORTHI [SG]; BAHUGUNI ANAND [SG]; KANDASAMY RAVI [SG]; NARASIMALU SRIKANTH [SG]; GREVSEN JOHN K [DK]; NYVAD JESPER [DK]; TIETZE PAUL T [DK]	F03D11/00	WIND TURBINE NACELLE WITH COOLER TOP.

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010085961 A2 20100805	DK20090000151 20090130; US20090148516P 20090130	VESTAS WIND SYS AS [DK]; SIVALINGAM KRISHNAMOORTHI [SG]; BAHUGUNI ANAND [SG]; KANDASAMY RAVI [SG]; NARASIMALU SRIKANTH [SG]; GREVSEN JOHN K [DK]; NYVAD JESPER [DK]; TIETZE PAUL T [DK]	F03D11/00	WIND TURBINE NACELLE WITH COOLER TOP
WO2010085962 A2 20100805	DK20090000148 20090130; US20090148528P 20090130	VESTAS WIND SYS AS [DK]; SIVALINGAM KRISHNAMOORTHI [SG]; BAHUGUNI ANAND [SG]; KANDASAMY RAVI [SG]; NARASIMALU SRIKANTH [SG]; GREVSEN JOHN K [DK]; NYVAD JESPER [DK]; TIETZE PAUL T [DK]	F03D11/00	WIND TURBINE WITH COOLER TOP

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010085963 A2 20100805	DK20090000150 20090130; US20090148537P 20090130	VESTAS WIND SYS AS [DK]; SIVALINGAM KRISHNAMOORTHI [SG]; BAHUGUNI ANAND [SG]; KANDASAMY RAVI [SG]; NARASIMALU SRIKANTH [SG]; GREVSEN JOHN K [DK]; NYVAD JESPER [DK]; TIETZE PAUL T [DK]	F03D11/00	WIND TURBINE NACELLE WITH COOLER TOP
WO2010085987 A2 20100805	US20090148765P 20090130	DEWIND INC [US]; STAPELFELDT KARL-FRIEDRICH [DE]	F03D7/04	ADAPTIVE VOLTAGE CONTROL FOR WIND TURBINES
WO2010085988 A2 20100805	US20090148777P 20090130	RUDOLF GEORG [DE]; STAPELFELDT KARL-FRIEDRICH [DE]; DEWIND INC [US]	F03D9/00	WIND TURBINE WITH LVRT CAPABILITIES
WO2010086031 A2 20100805	EP20090001336 20090130	SIEMENS AG [DE]; THISTED JAN [DK]	F03D3/00	POWER SYSTEM FREQUENCY INERTIA FOR WIND TURBINES
WO2010086415 A1 20100805	DK20090000134 20090129; US20090148114P 20090129	VESTAS WIND SYS AS [DK]; GARCIA JORGE MARTINEZ [DK]	F03D7/00; F03D9/00; H02P9/00	METHOD FOR SETTING AN OUTPUT VOLTAGE LEVEL OF A WIND POWER PLANT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010086466 A1 20100805	WO2009ES00052 20090130	GAMESA INNOVATION & TECH SL [ES]; CRIADO ABAD ALFREDO [ES]; RIEZU CORPAS MIGUEL [ES]; FERNANDEZ LOPEZ ANTONIO [ES]; GUEEMES GORDO ALFREDO [ES]	F03D1/06	SYSTEM FOR MEASURING DEFORMATIONS OF WIND TURBINE BLADES DURING STATIC TESTS
WO2010086472 A1 20100805	ES20090030554 20090127	UNIV MADRID POLITECNICA [ES]; COBOS DE LA FUENTE ALFONSO [ES]	F03D7/02; F03D1/06	WIND TURBINE BLADE
WO2010086473 A1 20100805	ES20090000227 20090127	UNIV MADRID POLITECNICA [ES]; COBOS DE LA FUENTE ALFONSO [ES]	F03D9/02; F03D9/00	PLANT FOR EXPLOITING WIND ENERGY USING COMPRESSED AIR
WO2010086688 A1 20100805	US20090206207P 20090128	CLIPPER WINDPOWER INC [US]; GUPTA SANDEEP [US]; TAYLOR BROOK [US]; PETCH DEREK [US]	F03D7/02; F03D7/04	LOAD PEAK MITIGATION METHOD AND CONTROL SYSTEM FOR A WIND TURBINE
WO2010087178 A1 20100805	JP20090020675 20090130	KYUSHU INST OF TECHNOLOGY [JP]; KANEMOTO TOSHIAKI [JP]	F03D1/02; F03D1/06; F03D11/00	WIND TURBINE GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010087600 A2 20100805	KR20090007768 20090131	KIM JONGCHUL [KR]	F03D11/00; F03B13/00; F03D9/00; F03G7/08	NATURAL FORCE-CONVERTING SYSTEM
WO2010087629 A2 20100805	KR20090006779 20090129; KR20090006780 20090129; KR20100007257 20100127	JUNG JA CHOON [KR]; JEUNG SUNG GYUN [KR]; MO JU HO [KR]	F03D3/06; F03D7/06; F03D11/00	WIND POWER-GENERATING APPARATUS
WO2010087640 A2 20100805	KR20090007584 20090130	LEE DAL EUN [KR]	F03D9/02; F03D1/06; F03D11/04	WIND POWER-GENERATING SYSTEM USING COMPRESSED AIR
WO2010088181 A2 20100805	US20090147955P 20090128	CINCINNATI MACHINE LLC [US]; HOPKINS MARK F [US]	F03D11/00	MACHINING CENTER FOR A WIND TURBINE HUB
WO2010088928 A1 20100812	WO2009EP00887 20090209	POWERWIND GMBH [DE]; BARTSCH MATTHIAS [DE]	F03D9/00; H02J3/26	METHOD FOR FEEDING A MULTIPHASE ELECTRIC NETWORK AND ASSOCIATED CIRCUIT ARRANGEMENT
WO2010088933 A2 20100812	DE200910007812 20090206	PORSCHE AG [DE]; KOESTNER MATTHIAS [DE]	F03D11/04	WIND POWER PLANT HAVING STREAMLINED PROFILING
WO2010089006 A2 20100812	DK20090000172 20090205; US20090150174P 20090205	VESTAS WIND SYS AS [DK]; LARSEN GERNER [DK]; HJORT THOMAS [DK]	F03D1/00	WIND TURBINE HAVING POWER ELECTRONICS IN THE NACELLE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010089139 A1 20100812	DE200910007938 20090206	BAUMER INNOTEC AG [CH]; FURRER BERNHARDT [CH]; IHLEFELD JOACHIM [DE]; KNAUS THEO [CH]; KLUSER CHRISTOPH [CH]; TIEDEKE JOACHIM [CH]	G01B11/16; F03D7/04	MEASURING DEVICE FOR MEASURING DEFORMATIONS OF ELASTICALLY DEFORMABLE OBJECTS
WO2010091374 A2 20100812	US20090150523P 20090206	YOUNG RICHARD NILS [US]	F03D5/00; F03D3/00; F03D5/04; F03D11/00	VERTICAL-AXIS WIND TURBINE
WO2010091675 A2 20100819	DE200910009939 20090216	BUSCH DIETER & CO PRUEFTECH [DE]	F03D7/02	WIND TURBINE COMPRISING MONITORING SENSORS
WO2010091829 A2 20100819	DE200910008870 20090213	ZUEBLIN AG [DE]; MAYER TIMO [DE]	F03D1/00	APPARATUS AND METHOD FOR PRODUCING OFFSHORE WIND ENERGY PLANTS
WO2010091895 A2 20100819	DE200910009017 20090216	SUZLON ENERGY GMBH [DE]; PECHLIVANOGLOU GEORGIOS [DE]	F03D7/02	BRAKE SYSTEM FOR A WIND TURBINE
WO2010092168 A2 20100819	DK20090000216 20090216; US20090153083P 20090217	VESTAS WIND SYS AS [DK]; HANCOCK MARK [GB]; HEDGES ANDREW [GB]; VERHOEF RENS CHRISTIAAN [DK]; BECH ANTON [DK]; VRONSKY TOMAS [GB]	F03D1/06	A ROTOR BLADE FOR A WIND TURBINE AND A METHOD FOR MAKING THE SAME

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010092351 A1 20100819	GB20090002289 20090212	MARINE CURRENT TURBINES LTD [GB]; FRAENKEL PETER LEONARD [GB]	E02B17/02; E02D13/04; E02D27/42; E02D27/52; F03D1/00	INSTALLING SUBMERGED SUPPORT STRUCTURES
WO2010092426 A2 20100819	US20090207665P 20090212	CLIPPER WINDPOWER INC [US]; MAKAREMI SHAW S [US]	F03D11/00; F03D3/06; G01M5/00	BLADE CRACK DETECTOR IN A WIND TURBINE
WO2010093137 A2 20100819	KR20090010823 20090211	SON GWANG-GOOK [KR]	F03D3/06; F03D11/00	BLADES FOR A WIND POWER GENERATOR
WO2010093259 A2 20100819	US20090152276P 20090213	VEST KRAN WIND POWER AS [NO]; BERLAND JOSTEIN [NO]; EMBLEM TROND [NO]	F03D11/04	OFFSHORE WIND TURBINE
WO2010093280 A1 20100819	RU20090105938 20090216	ESAKOV MIKHAIL SERGEEVICH [RU]; ESAKOV SERGEJ MIKHAILOVICH [RU]; ESAKOVA EKATERINA SERGEEVNA [RU]	F03D3/06	WIND TURBINE
WO2010093597 A2 20100819	US20090369949 20090212	QUALITY RES DEV & CONSULTING I [US]; ALLAEI DARYOUSH [US]	F03D1/04; F03D11/00; F03D11/04	TURBINE-INTAKE TOWER FOR WIND ENERGY CONVERSION SYSTEMS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010093628 A1 20100819	US20090151367P 20090210; US20090151341P 20090210; US20090151417P 20090210; US20090151391P 20090210; US20090159715P 20090312; US20090159712P 20090312; US20090159713P 20090312; US20090159714P 20090312	UNIV WEST VIRGINIA [US]; SMITH JAMES E [US]; PERTL FRANZ A [US]; ANGLE II GERALD M [US]; YARBOROUGH CHRISTINA N [US]; NAWROCKI ANDREW J [US]; WILHELM JAY P [US]; WILLIAMS KENNETH A [US]	F03D7/04	CIRCULATION CONTROLLED VERTICAL AXIS WIND TURBINE
WO2010094287 A2 20100826	DK20090000231 20090220	VESTAS WIND SYS AS [DK]; PEDERSEN GUNNAR KAMP STORGAARD [DK]	F03D1/00	HANDLING A WIND TURBINE NACELLE
WO2010094310 A2 20100826	RU20090105537 20090217	DEURUS GES FUER INNOVATIVE TEC [DE]; KOLOMATSKIY SERGEI IVANOVITSCH [RU]	F03D9/00	VORTEX WIND TURBINE
WO2010094536 A2 20100826	DE200910000963 20090218	BERBUER JUERGEN [DE]	B66B9/16; B66C23/00; E04H12/34; F03D1/00	CONVEYING DEVICE FOR THE ASSEMBLY OF A TOWER

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010094814 A1 20100826	WO2009ES70029 20090217	GAMESA INNOVATION & TECH SL [ES]; LEKERIKA UGARTE BITTOR [ES]	F03D7/02; H02P9/08	METHOD AND APPARATUS FOR POWERING A WIND TURBINE
WO2010094823 A2 20100826	ES20090000477 20090220; ES20100000129 20100204	UNIV SEVILLA [ES]; PREXTOR SYSTEMS S L [ES]; DAVILA MARTIN JAVIER [ES]; RUIZ ARAHAL MANUEL [ES]; RUIZ DEL OLMO FERNANDO [ES]	B65D88/78	SUBMARINE BATTERIES WITH ADJUSTABLE COUPLE
WO2010095777 A1 20100826	KR20090014213 20090220	CAE KOREA CO LTD [KR]; KIM SU-HYUN [KR]	F03D3/06	VERTICAL AEROGENERATOR WITH VIBRATION AND NOISE REDUCTION STRUCTURE
WO2010096049 A1 20100826	WO2009US34263 20090217	ECOLOGICAL ENERGY COMPANY [US]; GARVER THEODORE M [US]	F03D1/06; F03D7/02; F03D11/00	WIND TURBINE AND METHOD OF OPERATING SAME
WO2010097482 A1 20100902	WO2009ES00103 20090227	EOLINCYL S L [ES]; NISTAL RUIZ SANTIAGO [ES]; RUIZ ORCAJO JORGE TEODORO [ES]	F03D1/00	THREE-BLADED WIND TURBINE DEVICE FOR SMALL SPACES
WO2010097485 A1 20100902	WO2009ES70049 20090227	GAMESA INNOVATION & TECH SL [ES]; CRIADO ABAD ALFREDO [ES]; RIEZU CORPAS MIGUEL [ES]	F03D7/02; F03D1/00; G01N29/22; G01N29/24; G01N29/28; G01N29/30; G01N29/44; G01N29/46	METHODS FOR LOCATING DAMAGE TO WIND TURBINE BLADES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010097657 A1 20100902	WO2009IB50790 20090226	TECSIS TECNOLOGIA E SIST S AVA [BR]; OSSANAI LEO [BR]	F03D1/06; B29C70/30	METHOD OF MANUFACTURING AEROGENERATOR BLADES
WO2010098656 A2 20100902	MY20090000728 20090224	UNIV MALAYA [MY]; CHONG WEN TONG [MY]; KONG YUEN YOKE [MY]; TAN LEE LING [MY]	F03D3/04; F03D7/06; F03D9/00; H01L31/042	WIND, SOLAR AND RAIN HARVESTER
WO2010098813 A1 20100902	US20090208750P 20090228	ENER2 LLC [US]; MOSER GEORGE [US]; LINN RANDY W [US]; WALWORTH VAN [US]; WHITAKER CRAIG S [US]	F03D9/00	WIND ENERGY DEVICE
WO2010098815 A1 20100902	US20090208752P 20090228	ENER2 LLC [US]; MOSER GEORGE [US]; LINN RANDY W [US]; VAN WALWORTH [US]; WHITAKER CRAIG S [US]	F03D9/00	WIND TURBINE
WO2010099447 A1 20100902	US20090155561P 20090226	SKY WINDPOWER CORP [US]; ROBERTS BRYAN WILLIAM [AU]	F03D1/00	TETHERED AIRBORNE WIND-DRIVEN POWER GENERATOR
WO2010099713 A1 20100910	DE200910010993 20090302; CN20092303652U 20090526	JI LIN [CN]	H02N15/00; F03D9/00	MAGNETIC SUSPENSION NON-FRICTION DOUBLE ROTOR GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010099928 A2 20100910	EP20090002955 20090302	SUZLON ENERGY GMBH [DE]; WINKELMANN JOERG [DE]; HUHN MARTIN [DE]	F03D9/00; G01H1/08	METHOD FOR MONITORING WIND TURBINES
WO2010100066 A2 20100910	DE200910011337 20090305	KRESS HAASE MICHAELA [DE]; HAASE WOLFGANG [DE]	F03D1/06	WIND POWER PLANT AND RELATED PRODUCTION METHOD
WO2010100237 A2 20100910	DK20090000300 20090306; US20090158048P 20090306	VESTAS WIND SYS AS [DK]; ROMBLAD JONAS [DK]; GODSK KRISTIAN BALSCHMIDT [DK]	F03D1/06	A WIND TURBINE PROVIDING INCREASED POWER OUTPUT
WO2010101357 A2 20100910	KR20090018224 20090303	DO YOON-KYUNG [KR]; DO MIN-YOUNG [KR]	F03D7/06; F03D3/00; F03D11/00	AEROGENERATOR
WO2010101456 A2 20100910	NL20091036653 20090302	HAGG FRANKLIN [NL]	F03D5/00	FLOATING FLUE
WO2010101796 A2 20100910	US20090208796P 20090302	LAKHANI MEHBOOB [US]	F03D3/00; F03B13/00; F03B13/22; F03D11/00; F03D11/02	COMPACT WIND AND WATER TURBINE SYSTEMS
WO2010102005 A2 20100910	US20090157093P 20090303; US20100309601P 20100302	SYROVY GEORGE J [US]	F03D5/02; F03D11/00; F03D11/04	LOOPED AIRFOIL WIND TURBINE
WO2010102355 A2 20100916	BG20090110341 20090312	PETROV IVAN YORDANOV [BG]	F03D1/02	WIND TURBOGENERATOR POWER UNIT
WO2010102459 A1 20100916	CN20092052283U 20090310	LIU SHAOZHONG [CN]	F03D3/06; F03D7/06;	MOVABLE-BLADE VARIABLE-SPEED TYPE WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F03D11/00	
WO2010102635 A2 20100916	DK20090000361 20090313; US20090159989P 20090313	VESTAS WIND SYS AS [DK]; ANDERSEN CARSTEN BRUUN [DK]; MOGENSEN MORTEN [DK]	F03D7/02	WIND TURBINE NACELLE
WO2010102636 A2 20100916	DK20090000364 20090313	VESTAS WIND SYS AS [DK]; ANDERSEN CARSTEN BRUUN [DK]; MOGENSEN MORTEN [DK]	F03D1/00	HEIGHT ADJUSTABLE WIND TURBINE NACELLE
WO2010102867 A2 20100916	TR20090001965 20090313	SOEZ SELIM [TR]	F03D3/00	WIND TURBINE WITH HORIZONTAL SHAFT PERPENDICULAR TO WIND DIRECTION
WO2010103013 A2 20100916	GB20090004029 20090309	WINDJOULE LTD [GB]; MORRIS ROBERT FRASER [GB]	F03D3/06	VERTICAL AXIS WIND TURBINE
WO2010103114 A1 20100916	EP20090155161 20090313	XEMC DARWIND B V [NL]; MELLO MARIANNA [IT]; DIJKSTRA BONNE [NL]; STRIK FRANCISCUS LEONARDUS HENDRICUS [NL]; PASTEUNING JAN WILLEM NICOLAAS [NL]	F03D1/00; F03D11/04	METHOD OF CONSTRUCTING A WIND TURBINE AND BOTTOM TOWER SECTION OF WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010103304 A1 20100916	GB20090004039 20090310; EP20090154927 20090311	POWER LTD C [GB]; PEARCE COLIN RICHARD [GB]; FARRELLY JUSTIN NICHOLAS [US]	H02P9/10; F03D9/00; H02P9/48	GENERATOR POWER CONDITIONING
WO2010104419 A1 20100916	RU20090108498 20090311	KANTEMIROV AIVAR ZAURBEKOVICH [RU]	F03D3/00; F03D7/06	CAROUSEL-STYLE WIND POWER ASSEMBLY WITH SYMMETRICAL BLADES
WO2010104565 A2 20100916	US20090202522P 20090309	NATURAL POWER CONCEPTS INC [US]; PITRE JOHN [US]; HUANG STUART [US]	F03D9/00; F03B13/12; F03B13/16; F03B13/26; F03B15/00; F03D7/00	SYSTEM AND METHOD FOR GENERATING ELECTRICITY USING GRID OF WIND AND WATER ENERGY CAPTURE DEVICES
WO2010105626 A2 20100923	DK20090000378 20090318; US20090161102P 20090318	VESTAS WIND SYS AS [DK]; KIRT RUNE [DK]; THOMSEN MADS BAEKGAARD [DK]; GALBRAITH DUNCAN [GB]	F03D11/00	A WIND TURBINE BLADE TRANSPORT CASING
WO2010105647 A1 20100923	DE200910013311 20090318	SUZLON ENERGY GMBH [DE]; VILBRANDT REINHARD [DE]; LAERITZ CHRISTIAN [DE]; WILLAUSCHUS OLAF [DE]	F03D7/02; F03D11/00; H05K7/20	ANTRIEBSVORRICHTUNG FÜR EINE WINDTURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010105692 A1 20100923	WO2009EP53302 20090320	AMSC WINDTEC GMBH [AT]; FISCHER MARTIN [AT]; WEICHBOLD PETER [AT]; TRATNIG ROBERT [AT]	F03D11/02; F03D9/00; F16H47/04	METHOD FOR OPERATING A WIND ENERGY CONVERTER, CONTROL DEVICE FOR A WIND ENERGY CONVERTER, AND WIND ENERGY CONVERTER
WO2010105852 A2 20100923	DE200910013728 20090320	REPOWER SYSTEMS AG [DE]; SCHUBERT MATTHIAS [DE]	F03D11/04; H02G3/00	WIND ENERGY PLANT HAVING A TWISTABLE NACELLE CABLE GUIDE
WO2010106208 A2 20100923	ES20090000735 20090317	APIA XXI S A [ES]; PANTALEON PRIETO MARCOS J [ES]; RAMOS GUITERREZ OSCAR RAMON [ES]; GUTIERREZ MARTINEZ MIGUEL ANGEL [ES]	F03D11/04	FLOATING PLATFORM FOR EXTRACTING WIND ENERGY
WO2010106316 A2 20100923	GB20090004873 20090320; US20090160905P 20090317	VESTAS WIND SYS AS [DK]; WESTERGAARD CARSTEN HEIN [US]; HANCOCK MARK [GB]; NARASIMALU SRIKANTH [SG]	F03D1/06	A HINGED CONNECTION APPARATUS FOR SECURING A FIRST WIND TURBINE COMPONENT TO A SECOND
WO2010106317 A2 20100923	GB20090004869 20090320; US20100160913P 20100317	VESTAS WIND SYS AS [DK]; WESTERGAARD CARSTEN HEIN [US]; HANCOCK MARK [GB]; NARASIMALU SRIKANTH [SG]	F03D1/06	A WIND TURBINE BLADE HAVING A HINGED CONNECTION APPARATUS PROVIDING ELECTRICAL PROTECTION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010106329 A2 20100923	GB20090004871 20090320; US20090160910P 20090317	VESTAS WIND SYS AS [DK]; WESTERGAARD CARSTEN HEIN [US]; HANCOCK MARK [GB]; NARASIMALU SRIKANTH [SG]	F03D1/06	A HINGE APPARATUS FOR CONNECTING FIRST AND SECOND WIND TURBINE BLADE COMPONENTS COMPRISING A ROTARY ACTUATOR
WO2010106382 A2 20100923	HU20090000155 20090316	DOBOS GABOR [HU]	F03D5/00	UN-TETHERED AUTONOMOUS FLYING WIND POWER PLANT AND ITS GROUND-STATION
WO2010107289 A2 20100923	KR20090022061 20090316	LEE MIN SUNG [KR]	F03D3/06; F03D3/04; F03D11/02	WIND POWER GENERATOR
WO2010107579 A1 20100923	US20090407909 20090320	DRESSER RAND CO [US]; MAIER WILLIAM C [US]; GRIFFIN DANIEL J [US]	F03D11/00	SLIDABLE COVER FOR CASING ACCESS PORT
WO2010107592 A2 20100923	US20090406202 20090318	VESTAS WIND SYS AS [DK]; WESTERGAARD CARSTEN HEIN [US]	F03D1/06	WIND TURBINE BLADE WITH DAMPING ELEMENT
WO2010107693 A2 20100923	US20090161488P 20090319	TECHNIP FRANCE [FR]; HARRIS PETER GRAHAM [FR]	F03D1/00	OFFSHORE WIND TURBINE INSTALLATION SYSTEM AND METHOD
WO2010108120 A2 20100923	US20090210673P 20090320	BELDEN RALPH A [US]	F03D1/02	VARIABLE AREA VERTICAL AXIS WIND TURBINE
WO2010108196 A1 20100923	US20090210215P 20090316; US20090173889P 20090429; WO2010US27531 20100316	BERSIEK SHAMEL A [US]	F03D9/00	WIND JET TURBINE II

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010108207 A2 20100930	AT20090000489 20090326	HEHENBERGER GERALD [AT]	F03D11/02	ENERGY PRODUCTION PLANT, IN PARTICULAR A WIND POWER STATION
WO2010108209 A2 20100930	AT20090000490 20090326	HEHENBERGER GERALD [AT]	F03D11/02	ENERGY PRODUCTION PLANT, IN PARTICULAR WIND POWER STATION
WO2010108453 A1 20100930	CN20091097206 20090326	XU JIANXIONG [CN]	F03D7/04; F03D1/06	VARIABLE PITCH WIND WHEEL OF WIND GENERATOR
WO2010108515 A1 20100930	WO2009EP02230 20090326	POWERWIND GMBH [DE]; BARTSCH MATTHIAS [DE]	F03D7/02; H02P3/22	METHOD AND CIRCUIT CONFIGURATION FOR OPERATING A WIND POWER PLANT ON AN ELECTRICAL SUPPLY GRID
WO2010108704 A2 20100930	DE200910003691 20090327	SSB WIND SYSTEMS GMBH & CO KG [DE]; KESTERMANN HERMANN [DE]; UPSING JOSEF [DE]; WIBBEN NORBERT [DE]	F03D7/02	BLADE ANGLE ADJUSTMENT DRIVE FOR A WIND TURBINE
WO2010108979 A2 20100930	DK20090000407 20090325; US20090163260P 20090325	VESTAS WIND SYS AS [DK]; GARCIA JORGE MARTINEZ [DK]	F03D9/00	IMPROVED FREQUENCY CONTROL
WO2010109033 A1 20100930	ES20090000777 20090323	CANTERO GARCIA IGNACIO [ES]	F16H33/02; F03D9/02	POWER TRANSMISSION MACHINE
WO2010109081 A1 20100930	WO2009FR00331 20090326	NHEOLIS SARL [FR]; HADDJERI NORDINE [FR]	F03D1/06; F03D7/02	ROTOR FOR A POWER GENERATOR, IN PARTICULAR FOR WIND TURBINES
WO2010109213 A2 20100930	GB20090005316 20090327	VERTICAL WIND ENERGY LTD [GB]; PEACE STEPHEN [GB]; MARSH PAUL [GB]	F03D1/06	WIND TURBINE BLADE TIP

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010109238 A2 20100930	GB20090004921 20090324	KINETIC HARVEST LTD [GB]; BAILEY RALPH-PETER [GB]	F03D7/02	AUTOMATIC PITCH CONTROL FOR HAWT WIND TURBINES
WO2010109262 A2 20100930	US20090211466P 20090327	CLIPPER WINDPOWER INC [US]; COUSINEAU KEVIN L [US]	F03D9/02	A REDUNDANT, SUPERCAPACITOR, BACK-UP POWER SUPPLY FOR WIND TURBINE CONVERSION AND CONTROL SYSTEMS
WO2010109529 A1 20100930	WO2009JP01360 20090326	KAWASAKI HEAVY IND LTD [JP]; MORIMOTO MASAFUMI	F03D7/04	UPWIND TYPE WIND WHEEL
WO2010109800 A1 20100930	JP20090072293 20090324	UNIV KYUSHU NAT UNIV CORP [JP]; OHYA YUJI [JP]; KARASUDANI TAKASHI [JP]; WATANABE KIMIHIKO [JP]	F03D1/04; F03D1/06	FLUID MACHINE UTILIZING UNSTEADY FLOW, WINDMILL, AND METHOD FOR INCREASING VELOCITY OF INTERNAL FLOW OF FLUID MACHINE
WO2010110329 A1 20100930	JP20090071880 20090324	TODA CORP [JP]; NIPPON HUME CORP [JP]; KOBAYASHI OSAMU [JP]; SATO IKU [JP]; NOMOTO YOSHIHISA [JP]; MURANO KOUSAKU [JP]; YAMANAKA NORIYUKI [JP]	F03D9/00; B63B22/20; B63B35/00; B63B35/38; F03D11/04	OFFSHORE WIND POWER PLANT AND CONSTRUCTION METHOD THEREOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010110330 A1 20100930	JP20090071884 20090324	TODA CORP [JP]; SASEBO HEAVY IND CO LTD [JP]; KOBAYASHI OSAMU [JP]; SATO IKU [JP]; KO KIYOHIKO [JP]; OKUWA YOSHIAKI [JP]	F03D9/00; B63B22/20; B63B35/00; B63B35/38; F03D11/04	OFFSHORE WIND POWER GENERATOR AND CONSTRUCTION METHOD THEREOF
WO2010110632 A1 20100930	KZ20090000421 20090327	ISKENDEROB ASKAR [KZ]	F03D3/06	CYLINDRICAL WIND-DRIVEN ENGINE
WO2010110697 A2 20100930	RU20090110880 20090326	OBSCHESTVO S OGRANICHENNOY OTV [RU]; GOLUSHKO SERGEY KUZMICH [RU]; MERKULOV VLADIMIR IVANOVICH [RU]	F03D1/00; F03D5/06; F03D11/00	WIND POWER PLANT
WO2010111786 A1 20101007	GB20090005881 20090404	ST-GERMAIN ANDRE [CA]; SIGOUIN RAYMOND [CA]; COURCHESNE AMELIE [CA]; COURCHESNE SIMON [CA]	F03D1/06; F04D29/34; F04D29/38	HIGH EFFICIENCY WIND TURBINE BLADE SYSTEM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010112032 A1 20101007	DK20090000454 20090402; DK20090070195 20091110; DK20100070053 20100212	LM GLASFIBER AS [DK]; GUENTHER SABINE [DK]; BACH ALLAN [DK]; MALASCHEWSKI MARKUS [DE]; BERGMANN RASMUSSEN MADS [DK]; PEDERSEN ANDERS PETER [DE]	F03D1/00; F03D11/04	WORK PLATFORM
WO2010112109 A2 20101007	DE200910015679 20090331	BOSCH GMBH ROBERT [DE]; BUCHTALA BORIS [DE]; HESS FELIX [DE]	F03D7/02	STATIONARY ENERGY GENERATION PLANT HAVING A CONTROLLER AND METHOD FOR CONTROLLING THE ENERGY GENERATION PLANT
WO2010112229 A1 20101007	DE200910015827 20090401	SKF AB [SE]; LIESEGANG HANS-JUERGEN [DE]; SEUBERLING MATHIAS [DE]	F16C19/38; F03D11/00; F16C25/08; F16C35/063	BEARING ASSEMBLY FOR ROTATABLY SUPPORTING A MACHINE ELEMENT AND METHOD FOR FIXING A TAPERED ROLLER BEARING TO A MACHINE ELEMENT
WO2010114792 A1 20101007	US20090165622P 20090401	UNIV ALABAMA [US]; LI SHUHUI [US]; HASKEW TIM A [US]	F03D9/00	INTELLIGENT POWER CONVERTER CONTROL FOR GRID INTEGRATION OF RENEWABLE ENERGIES
WO2010114819 A1 20101007	US20090164509P 20090330	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	F03D11/00	SEGMENTED WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010115135 A1 20101007	US20090417019 20090402	FRONTIER PRO SERVICES [US]; DAWSON MARK [US]; WALLACE JACK [US]	F03D7/00	WINCH SERVICING OF WIND TURBINES
WO2010115391 A1 20101014	DE200910016329 20090406	INNOVATIVE WINDPOWER AG [DE]; JESCHKE ALEXANDER [DE]	F03D11/02; F16H1/28	GEARBOX, PARTICULARLY FOR A WIND POWER PLANT, DRIVE TRAIN COMPRISING THE GEARBOX, AND POWER PLANT AND POWER PLANT FLEET
WO2010115832 A2 20101014	DK20090000436 20090401	EDGEFLOW APS [DK]; SPARRE SOLFELDT HENNING [DK]; BEJBRO ANDERSEN JAKOB [DK]	F03D7/04	WINDMILL
WO2010115964 A2 20101014	DE200910017068 20090409; DE200910034329 20090723	WOBBEN ALOYS [DE]; CYRUS BERND [DE]; LUELKER FRANK [DE]	F03D1/00	TRANSPORT DEVICE
WO2010116195 A2 20101014	GR20090100206 20090408	PANTELIDIS VASILEIOS [GR]	F03G7/10	PERPETUAL ANTIGRAVITATIONAL AIR VACUUM-BASED DEVICE
WO2010116663 A1 20101014	JP20090091818 20090406	NABTESCO CORP [JP]; KODAMA HARUO [JP]	F03D7/04	PITCH CONTROL DEVICE FOR WINDMILL
WO2010116983 A1 20101014	JP20090091832 20090406; JP20100087409 20100405	MATSUDA ISAMU [JP]	F03D3/06; F03D11/00	WIND WHEEL

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010117262 A1 20101014	NL20091036846 20090410; NL20091036968 20090519	XEMC DARWIND B V [NL]; WANSINK GERRIT JAN [NL]	B29D99/00; F01D5/28; F03D1/06	A PROTECTED WIND TURBINE BLADE, A METHOD OF MANUFACTURING IT AND A WIND TURBINE
WO2010117394 A1 20101014	US20090168085P 20090409	CALIFORNIA INST OF TECHN [US]; DABIRI JOHN OLUSEUN [US]; WHITTLESEY ROBERT W [US]	F03D3/02; F03B13/00; F03B13/12; F03D3/04	A TWO-DIMENSIONAL ARRAY OF TURBINES
WO2010117872 A2 20101014	US20090166791P 20090406	BITAR PETER V [US]	F03D11/02; F03D1/00	COAXIAL WIND TURBINE
WO2010118509 A1 20101021	US20090168993P 20090414; US20090286434P 20091215	QUINTAL REJEAN [CA]	F03D3/04; F03D3/06; F03D7/06	HORIZONTAL WIND POWERED TURBINE
WO2010118517 A1 20101021	US20090168672P 20090413; US20090171139P 20090421	1066626 ONTARIO LTD [CA]; VASUDEVA KAILASH [CA]; BEDI SANJEEV [CA]	F03D1/00; B64C3/18; F03D1/06; F03D3/06	WIND TURBINE BLADE AND METHOD OF CONSTRUCTING SAME
WO2010118777 A1 20101021	WO2009EP54538 20090416	PATEL RENEWABLE ENGINEERING LT [CY]; PATEL HARSHADKUMAR MAGANLAL [BE]; VAN RANST ALAIN [BE]	H02P9/02; F03D7/02	APPARATUS FOR GENERATING CURRENT FROM NATURAL AND RENEWABLE ENERGY
WO2010118791 A1 20101021	DE200910017531 20090417	AVANTIS LTD [CN]; BODENSTEIN KLAUS [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]	H02K7/102; F03D1/00; F03D7/02; H02K7/18; H02K15/00	BRAKING SYSTEM OF A GENERATOR OF A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010118792 A1 20101021	DE200910017325 20090416	AVANTIS LTD [CN]; BODENSTEIN KLAUS [CN]; LANGE DETLEF [DE]; RUPPRICH DIETER [DE]	H02K1/20; F03D11/00; H02K7/18	GENERATOR COOLING ARRANGEMENT OF A WIND TURBINE
WO2010118898 A2 20101021	DE200910003788 20090416	SSB WIND SYSTEMS GMBH & CO KG [DE]; WIBBEN NORBERT [DE]	F03D7/02	BLADE ANGLE ADJUSTMENT DRIVE FOR A WIND POWER PLANT
WO2010118918 A2 20101021	DE200910017028 20090414	SIEMENS AG [DE]; WINERGY AG [DE]; KREIDLER VOLKER [DE]; STEINIGEWEG ROLF-JUERGEN [DE]	F03D7/02; F03D9/00	WIND ENERGY PLANT AND DRIVE DEVICE FOR ADJUSTING A ROTOR BLADE
WO2010119739 A1 20101021	JP20090098570 20090415	KANNON ENERGY CO LTD [JP]; KOBAYASHI KINYA [JP]	F03G6/00; F01D15/10; F02C1/05; F03D9/00	SOLAR THERMAL POWER GENERATION APPARATUS
WO2010120041 A2 20101021	KR20090031892 20090413	PARK KWANG [KR]	F03D3/06; F03D7/06; F03D11/00; F03D11/02	VERTICAL AXIS WINDMILL APPARATUS FOR A WIND POWER GENERATOR
WO2010120182 A1 20101021	NO20090001473 20090416	UNI I STAVANGER [NO]; NERGAARD ARNFINN [NO]	F03D11/00; F03D3/00; F03D11/04	BUOYANT WIND POWER STATION
WO2010120487 A1 20101021	US20090425358 20090416; US20090629714 20091202	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]	F03D1/04	WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010120712 A1 20101021	US20090424617 20090416	FRONTIER WIND LLC [US]; MAYDA EDWARD A [US]	F03D7/04	PRESSURE BASED LOAD MEASUREMENT
WO2010121586 A2 20101028	DE200910018194 20090422	INNOVATIVE WINDPOWER AG [DE]; JESCHKE ALEXANDER [DE]	F03D9/00	WIND POWER PLANT DRIVE TRAIN, WIND POWER PLANT NACELLE, WIND POWER PLANT, AND WIND POWER PLANT FLEET AS WELL AS STANDARD CONTAINER
WO2010121596 A2 20101028	DE200910018343 20090423; DE200910030172 20090624	IAG MAGNUM GMBH [DE]; SPRECKELMEYER RAINER [DE]	E02D27/42	METHOD FOR THE PRODUCTION OF EXTRA HEAVY PIPE JOINTS, PREFERABLY FOR OFF-SHORE WIND ENERGY PLANTS
WO2010121615 A1 20101028	DK20090000518 20090422; US20090171673P 20090422	VESTAS WIND SYS AS [DK]; ORMEL FRANK [DK]; HOE MERETE [DE]	F03D7/04; F03D7/00	WIND TURBINE CONFIGURATION SYSTEM
WO2010121732 A2 20101028	DE200910017593 20090419	TIMBER TOWER GMBH [DE]; GIEBEL HOLGER [DE]; PRASS GREGOR [DE]	F03D11/04	TOWER FOR A WIND POWER INSTALLATION
WO2010121733 A2 20101028	DE200910017586 20090419	TIMBER TOWER GMBH [DE]; GIEBEL HOLGER [DE]; PRASS GREGOR [DE]	F03D11/04	TOWER FOR A WIND POWER INSTALLATION
WO2010121782 A1 20101028	AT20090000606 20090420	HEHENBERGER GERALD [AT]	H02J3/18; F03D9/00	ENERGY GENERATING INSTALLATION, ESPECIALLY WIND POWER INSTALLATION

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010121783 A1 20101028	AT20090000604 20090420	HEHENBERGER GERALD [AT]	H02J3/01; F03D9/00	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
WO2010121784 A1 20101028	AT20090000605 20090420	HEHENBERGER GERALD [AT]	H02J3/01; F03D9/00	ELECTRICAL ENERGY GENERATING INSTALLATION DRIVEN AT VARIABLE ROTATIONAL SPEEDS, WITH A CONSTANT OUTPUT FREQUENCY, ESPECIALLY A WIND POWER INSTALLATION
WO2010121786 A2 20101028	DE200910017824 20090420	SUZLON ENERGY GMBH [DE]; THIEL ENRICO [DE]; VILBRANDT REINHARD [DE]	F03D11/00	TRANSMISSION DEVICE FOR A WIND TURBINE
WO2010121927 A2 20101028	DE200910002501 20090420	WOBBEN ALOYS [DE]; MUSCHKE SVEN [DE]; LINK TORSTEN [DE]	F03D1/06	ROTOR BLADE, ROTOR BLADE ELEMENT AND PRODUCTION METHOD
WO2010122316 A1 20101028	GB20090007132 20090424	STATOIL ASA [NO]; SKAARE BJOERN [NO]; JACKSON ROBERT [GB]	F03D7/02; F03D7/04	EXTRACTING WAVE ENERGY IN A WIND TURBINE INSTALLATION
WO2010122351 A2 20101028	GB20090007009 20090423	VESTAS WIND SYS AS [DK]; APPLETON STEVE [GB]; NIELSON KNUD STENBAEK [DK]	B32B33/00	IMPROVEMENTS IN OR RELATING TO COMPOSITE STRUCTURES

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010122352 A2 20101028	GB20090007010 20090423	VESTAS WIND SYS AS [DK]; APPLETON STEVE [GB]; NIELSON KNUD STENBAEK [DK]	F03D1/06	IMPROVEMENTS IN OR RELATING TO COMPOSITE STRUCTURES
WO2010122588 A1 20101028	IT2009RM00181 20090421	PALA LUCA [IT]	F03G6/06; F03D9/00; F03G6/04	A PLANT FOR THE EXPLOITATION OF WIND AND SOLAR ENERGY
WO2010122658 A1 20101028	WO2009JP58139 20090424	MITSUBISHI HEAVY IND LTD [JP]; FUJIOKA HIDEYASU [JP]; HAYASHI YOSHIYUKI [JP]	F03D11/00	DISPOSITIF, PROCÉDÉ ET PROGRAMME DE MESURE DE CHARGE
WO2010123400 A1 20101028	RU20090115533 20090424; RU20090117229 20090506	VIGAEV VALERIY PETROVICH [RU]; MIKHOV ALEXANDER PETROVICH [RU]	F03D3/04; F03D3/06; F03D9/00; H02K7/18	WIND ENERGY INSTALLATION
WO2010123461 A1 20101028	DK20090000511 20090421; US20090171105P 20090421	VESTAS WIND SYS AS [DK]; BO YIN [SG]; DENG HENG [SG]; ANG KHENG HONG [SG]; LI XIAO QIAN [SG]	F03D11/00	A WIND TURBINE COMPRISING A ROTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010123847 A1 20101028	US20090499206 20090708; US20090426494 20090420; WO2010US31560 20100419; US20090432837 20090430; US20090481817 20090610	BARBER GERALD L [US]	F03D11/04	FLOATING WIND TURBINE WITH TURBINE ANCHOR
WO2010124369 A1 20101104	US20090173236P 20090428	GLOBAL WIND GROUP INC [CA]; STEWART ALEX J [CA]; PHILLIPS JUSTIN DAVID [CA]	F03D9/02; F03D3/00; F03D11/00	WIND ENERGY GENERATING AND STORING SYSTEM
WO2010124658 A1 20101104	CN20091107196 20090501; CN20091107195 20090501	CONG YANG [CN]	F17C5/06; B60L8/00; F03D5/00; F03D9/00; F17C13/10	PRESSURE-REDUCING GAS STORAGE DEVIC, GAS INJECTION SYSTEM AND AUTOMOBILE
WO2010124692 A1 20101104	DK20090000546 20090428	BANG-MOELLER SOEREN [DK]	F03D1/04; F03D3/04	COMBINED WING AND TURBINE DEVICE FOR IMPROVED UTILIZATION OF FLUID FLOW ENERGY
WO2010124744 A1 20101104	US20090173646P 20090429	SIEMENS AG [DE]; MAJ KARL [DK]; SOERENSEN BJARNE [DK]	B66C1/62; F03D1/00; F03D11/04	BLADE LIFTING SYSTEM WITH SALOON DOORS
WO2010124886 A2 20101104	DE200910003843 20090428	SSB WIND SYSTEMS GMBH & CO KG [DE]; HAGEDORN RALF [DE]	F03D7/02	METHOD FOR THE OPERATION OF A ROTOR BLADE ADJUSTMENT DRIVE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010125000 A1 20101104	DK20090000551 20090429; US20090173770P 20090429	VESTAS WIND SYS AS [DK]; BAUN TORBEN FRIIS [DK]; ANDERSEN JESPER LYKKEGAARD [DK]; LAURSEN LASSE MYGIND [DK]	F03D11/00; F16C17/24; F16C33/58; F16C33/66; F16N11/00	A BEARING FOR A WIND TURBINE AND A CANISTER FOR A BEARING
WO2010125160 A1 20101104	IT2009MI00725 20090429	WILIC S AR L [LU]; CASAZZA MATTEO [IT]; SCHWARZ MARTIN [IT]	F03D11/00; H02G13/00	WIND POWER SYSTEM FOR GENERATING ELECTRIC ENERGY
WO2010125568 A2 20101104	US20090173400P 20090428	TECHNION RES & DEV FOUNDATION [IL]; AMIRAM ADMON [IL]; ABRAMOVICH HAIM [IL]	F03D9/00	A SYSTEM FOR WIND ENERGY HARVESTING AND STORAGE WISING COMPRESSED AIR AND HOT WATER
WO2010125599 A2 20101104	IT2009PG00008U 20090427	VALENTINI LEONARDO [IT]	F03D3/06	ROTOR BLADE WITH AERODYNAMIC FLOW STATIC DIVERTER, IN PARTICULAR BLADE FOR VERTICAL AXIS AEOLIC ROTOR, AND VERTICAL AXIS AEOLIC ROTOR WITH STATIC FLOW DIVERTERS
WO2010125629 A1 20101104	WO2009JP58251 20090427	IKEDA KAIDOU [JP]	H02K21/24; F03D9/00; H02K7/18	RÉDUCTION D'ÉPAISSEUR ET DE POIDS D'ARMATURE INTRODUITE DANS UNE SECTION CREUSE DE CONDUIT ROTATIF SENSIBLEMENT EN FORME DE U

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010126369 A1 20101104	EP20090159272 20090501	GUSTO B V [NL]; VAN NOOD CORNELIS PIETER AARTDRIANUS [NL]; BOONSTOPPEL HALEWIJN JOCHEM [NL]	F03D1/00	OFFSHORE WIND TURBINE INSTALLATION
WO2010126392 A1 20101104	RU20090116769 20090427	ESAKOV SERGEJ MIKHAILOVICH [RU]; ESAKOV MIKHAIL SERGEEVICH [RU]; ESAKOVA EKATERINA SERGEEVNA [RU]	H02K21/22; F03D1/06; F03D3/06	PERMANENT-MAGNET GENERATOR
WO2010127140 A2 20101104	US20090173916P 20090429	CALIFORNIA INST OF TECHN [US]; NGHIEM SON VAN [US]; NEUMANN GREGORY [US]	G01W1/00; F03D11/00; G01S17/95; G06F19/00	HIGH-RESOLUTION WIND MEASUREMENTS FOR OFFSHORE WIND ENERGY DEVELOPMENT
WO2010127178 A1 20101104	US20090214852P 20090429; US20100303302P 20100210; US20090247481P 20090930	ACCIO ENERGY INC [US]; CARMEIN DAVID [US]; WHITE DAWN [US]	F03D1/00	ELECTRO-HYDRODYNAMIC WIND ENERGY SYSTEMS AND METHODS
WO2010128075 A2 20101111	DE200910019709 20090505	WOBBEN ALOYS [DE]; VOGEL MARKUS [DE]; HOFMANN JENS [DE]	F03D1/00	METHOD FOR ERECTING A TOWER, AND TOWER
WO2010128397 A2 20101111	CO20090044570 20090504	FIGUEREDO ALBARRACIN REGULO [CO]	F03D9/00	DEVICE FOR EXTRACTING A LIQUID FLUID FROM DEEP UNDERGROUND FORMATIONS

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010128656 A1 20101111	JP20090002962U 20090508; JP20090213186 20090915; JP20090213215 20090915; JP20100054763 20100311	UENO YASUO [JP]	F03D3/06; F03D11/04	VERTICAL AXIS WIND TURBINE DEVICE
WO2010128938 A1 20101111	SE20090000595 20090504; SE20100000100 20100203	CELA TRADING SARL [FR]; LINDSTROEM ARNE [SE]; LJUNG ANDERS [FR]	F03D3/06	VERTICAL AXIS WIND TURBINE WITH SUPPORT RING ELEMENTS
WO2010129642 A2 20101111	US20090437092 20090507	SOUTHWORTH GEORGE L [US]	F03D11/04; E04H12/00	METHOD FOR BUILDING WIND TURBINE TOWER
WO2010130057 A2 20101118	US20090178692P 20090515	REDRIVEN POWER INC [CA]; GRANT CHRISTOPHER BERNARD [CA]	F03D7/00	SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE
WO2010130082 A1 20101118	WO2009CN71740 20090512	WEI BIN [CN]	F03D3/06; F03D9/00; F03D11/00	BLADE SYSTEM FOR VERTICAL SHAFT WIND POWER GENERATOR
WO2010130161 A1 20101118	WO2009CN71740 20090512; WO2009CN72198 20090609	WEI BIN [CN]	F03D3/00; F03D3/06	METHOD AND BLADE SYSTEM FOR IMPROVING EFFICIENCY OF ENERGY EXTRACTION OF VERTICAL AXIS WINDMILL GENERATOR'S BLADES
WO2010130315 A1 20101118	DE200910020725 20090511; DE200910043684 20091001	SCHUL KARL DIRK [DE]	F03D3/06	SAVONIUS-ROTOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010130717 A1 20101118	EP20090160062 20090512	ALSTOM WIND S L U [ES]; CASTELL MARTINEZ DANIEL [ES]	F03D11/02; F16H1/46	WIND TURBINE
WO2010131069 A1 20101118	US20090216102P 20090511	CLIPPER WINDPOWER INC [US]; COUSINEAU KEVIN L [US]	F03D7/00; F03D11/00	FIBER OPTIC DISTRIBUTED INPUT/OUTPUT SYSTEM FOR WIND TURBINE
WO2010131376 A1 20101118	JP20090114330 20090511	GLOBAL ENERGY CO LTD [JP]; SUZUKI MASAHIKO [JP]	F03D7/06	VERTICALLY LONG BLADES FOR VERTICAL AXIS WIND WHEEL
WO2010131891 A2 20101118	KR20090040873 20090511	LEE MYUNG HO [KR]; WON HA HONG [KR]	F03D3/06; F03D11/00	VERTICAL WIND POWER GENERATOR
WO2010133228 A2 20101125	DK20090070006 20090518; US20090179123P 20090518; DK20100070132 20100329	VESTAS WIND SYS AS [DK]; PEDERSEN GUNNAR K STORGAARD [DK]	F03D1/06	A HUB FOR A WIND TURBINE
WO2010133541 A1 20101125	DE200910026407 20090520	WOBBEN ALOYS [DE]; HARMS STEPHAN [DE]; MOELLER GERD [DE]; SCHWEIZER WERNER [DE]	B64F1/20; F03D11/00; F03D11/04	METHOD FOR CONTROLLING AN OBSTRUCTION LIGHT
WO2010133649 A2 20101125	DK20090070008 20090519; US20090179534P 20090519	VESTAS WIND SYS AS [DK]; GODSK KRISTIAN BALSCHMIDT [DK]	F03D1/06	A WIND TURBINE AND A BLADE FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010133720 A1 20101125	WO2009ES70174 20090521	GAMESA INNOVATION & TECH SL [ES]; LARRASOANA HALCONERO MIKEL [ES]	F03D11/00	AUTO-DIAGNOSTIC SYSTEMS AND METHODS FOR WIND-POWER GENERATORS
WO2010133721 A1 20101125	WO2009ES70178 20090522	INGETEAM ENERGY S A [ES]; MAYOR LUSARRETA JESUS [ES]; GIRONES REMIREZ CARLOS [ES]; ACEDO SANCHEZ JORGE [ES]; CARCAR MAYOR AINHOA [ES]; ZABALETA GONI MIKEL [ES]; SOLE LOPEZ DAVID [ES]	H02M5/458; F03D9/00; H02M1/12; H02M1/14; H02M1/44	PROTECTION CIRCUIT FOR A WIND-POWER GENERATOR
WO2010133979 A1 20101125	IT2009RM00254 20090519	DEALER TECNO SRL [IT]; ONOFRI STEFANO [IT]; EVANGELISTA GIOVANNI [IT]	F03D3/06	EOLIC GENERATOR
WO2010134059 A1 20101125	IE20090000395 20090521	C & F TOOLING LTD [IE]; GOODFELLOW JOSEPH FRANCIS [IE]	F03D11/00; F03D1/00	A CHASSIS FOR A WIND TURBINE
WO2010134103 A2 20101125	WO2009IT00224 20090520	MANTOVANI MAURIZIO [IT]	F03D11/04; F03D1/00; F03D3/00; F03D3/04; F03D7/06;	WIND ELECTRIC GENERATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
			F03D9/00; F03D9/02	
WO2010134113 A2 20101125	IT2009MI00890 20090520	MANTOVANI MAURIZIO [IT]	F03D3/04	WIND ELECTRIC GENERATOR
WO2010134116 A2 20101125	IT2009MI00895 20090520	MANTOVANI MAURICIO [IT]	F03D9/00	WIND ELECTRIC GENERATOR
WO2010134690 A2 20101125	KR20090042977 20090518	LEE SOO WON [KR]; LEE SANG RYE [KR]; LEE GO EUN [KR]; LEE SUNG HO [KR]; JHON HYE ONE [KR]	F03D3/02; F03D11/00	ROTATING ASSEMBLY FOR VERTICAL-AXIS WIND TURBINE
WO2010134855 A1 20101125	WO2009SE00263 20090519	FLEXENCLOSURE AB [SE]; KALEN HANS [SE]	H05K7/20; F03D9/02; H01M10/46; H01M10/50	DUAL CLIMATE ZONES
WO2010134932 A1 20101125	US20090467286 20090517	BOBOWICK DONALD [US]	F03D3/06; F03D11/00; F03D11/02	VERTICAL AXIS WIND TURBINE
WO2010134997 A1 20101125	US20090454853 20090521	MAKANI POWER INC [US]	F03D9/00	TETHERED SYSTEM FOR POWER GENERATION
WO2010135032 A1 20101125	US20090213281P 20090522; US20100711808 20100224	IMPACT TECHN GROUP INC [US]; GRASSMAN DEREK [US]	F03D3/06	VERTICAL AXIS WIND TURBINE AND GENERATOR THEREFORE
WO2010135147 A2 20101125	US20100774349 20100505; US20090179110P 20090518	MELLER MOSHE [US]	F03D11/00; F03D11/04	ANCHORING SYSTEM FOR ANCHORING A BASE THAT SUPPORTS A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010135409 A2 20101125	US20090180084P 20090520	ENERGY TUNNEL INC [US]; GRAHAM BILLY [US]	F03D1/04	SYSTEMS AND METHODS FOR CONVERTING ENERGY
WO2010135484 A2 20101125	US20090179968P 20090520; US20090179903P 20090520; US20100714913 20100301; US20100714982 20100301	E NET LLC [US]; MAHAWILI PHD IMAD [US]	F03D1/00; F03D7/02; F03D11/00; F03D11/02	WIND TURBINE
WO2010135604 A2 20101125	US20090267430P 20091207; US20100784294 20100520; US20100784328 20100520; US20090236521P 20090824; US20090258177P 20091104; US20090179840P 20090520; US20100784306 20100520; US20100784394 20100520	JOBY ENERGY INC [US]; BEVIRT JOEBEN [US]	F03D9/00; B64C39/08; H02J1/12	SYSTEM AND METHOD FOR GENERATING ELECTRICAL POWER USING A TETHERED AIRBORNE POWER GENERATION SYSTEM
WO2010135658 A2 20101125	US20090216942P 20090522	GEN COMPRESSION INC [US]; ABORN JUSTIN A [US]; INGERSOLL ERIC D [US]	F03D9/02	COMPRESSOR AND/OR EXPANDER DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010136026 A2 20101202	DE200910024321 20090529	EBF DRESDEN GMBH [DE]; BEER RAINER [DE]; HUCKE KLAUS [DE]; MESA METALL STAHLBAU GMBH [DE]	F03D1/00	DEVICE FOR INSPECTION AND MAINTENANCE WORK ON ROTOR BLADES AND/OR THE TOWER SURFACE OF LARGE WIND POWER PLANTS, PARTICULARLY OFF-SHORE PLANTS
WO2010136045 A2 20101202	DK20090070015 20090529; US20090182178P 20090529	VESTAS WIND SYS AS [DK]; BUUS THOMAS PAW [DK]; CHRISTIANSEN NIELS-JACOB [DK]	F03D11/00	SHAFT CONNECTION USING A BAND
WO2010136151 A2 20101202	DE200910022583 20090525	KARLSRUHER INST TECHNOLOGIE [DE]; BOSCH GMBH ROBERT [DE]; ROEGER MORITZ [DE]; FREUDE WOLFGANG [DE]; LEUTHOLD JUERG [DE]; VOLKMER DANIEL [DE]; KLAMOURIS CHRISTOS [DE]	F03D1/06	ROTOR BLADE, POWER PLANT, AND USE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010136357 A2 20101202	CN20091143733 20090525; EP20090161960 20090604; US20090184506P 20090605	UNIV CHONGQING [CN]; UNIV DENMARK TECH DTU [DK]; SHEN WEN ZHONG [DK]; WANG XU DONG [DK]; CHEN JIN [CN]; ZHU WEI JUN [DK]; SOERENSEN JENS NOERKAER [DK]; CHENG JIANGTAO [CN]	F03D1/06; F03D11/00	AIRFOILS AND METHOD FOR DESIGNING AIRFOILS
WO2010136976 A2 20101202	US20090180949P 20090526; US20090224925P 20090713; US20090244083P 20090921	LEVIATHAN WIND FARM AERODYNAMICS LTD [IL]; FARB DANIEL [IL]; HARELI GADI [IL]; VAN ZWAREN JOE [IL]; KOLMAN KEN [IL]; FARKASH AVNER [IL]	F03D7/02	MANUFACTURE OF WIND TURBINE ENHANCEMENT SYSTEMS
WO2010137052 A1 20101202	IT2009BO00337 20090526	TOZZI NORD S R L [IT]; TOZZI FRANCO [IT]; SPALINGER UELI [CH]	F03D7/02; B64C11/34	A SAFETY SYSTEM FOR WIND TURBINES AND RELATED WIND TURBINE
WO2010137530 A1 20101202	JP20090130910 20090529; JP20100065489 20100323	SEC CO LTD [JP]; HASHIMOTO HIROYOSHI	F03D1/04	POWER GENERATION DEVICE AND POWER GENERATION UNIT

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010137710 A1 20101202	JP20090129111 20090528	ZEPHYR CORP [JP]; ITO RYOSUKE [JP]; OKUBO TAKANORI [JP]; CHIKASHIGE TADAAKI [JP]; YAMAZAKI TAKASHI [JP]; MATSUMIYA HIKARU [JP]	F03D7/02; H02P9/00	WIND POWER GENERATION CONTROL DEVICE AND WIND POWER GENERATION CONTROL METHOD
WO2010137929 A1 20101202	LY20090003801 20090525	DABBAB ABUZED NAGI [LY]	F03D3/04; F03D3/02	SHIELD MEANS FOR WIND TURBINE
WO2010138622 A2 20101202	US20090182558P 20090529	TECHNIP FRANCE [FR]; HARRIS PETER GRAHAM [US]	F03D1/00	PIVOTING INSTALLATION SYSTEM AND METHOD FOR AN OFFSHORE WIND
WO2010138812 A1 20101202	US20090181903P 20090528	UNIV NORTHEASTERN [US]; GORLOV ALEXANDER M [US]	F03D1/00	UNIVERSAL SPHERICAL TURBINE WITH SKEWED AXIS OF ROTATION
WO2010139188 A1 20101209	CN20091111878 20090601; CN20092139537U 20090722	LEI YUENING [CN]; LEI SHENGQING [CN]	F03D3/04; F03D3/02	SQUARE ACTIVE-BODY COMPRESSED WIND GENERATING APPARATUS
WO2010139613 A2 20101209	DK20090000695 20090603; US20090183691P 20090603	VESTAS WIND SYS AS [DK]; BENGTSON JOHN [DK]	F03D7/04	HUB-SITED TOWER MONITORING AND CONTROL SYSTEM FOR WIND TURBINES
WO2010139725 A1 20101209	DK20090000700 20090604	DONG ENERGY AS [DK]; REBSDORF ANDERS VARMING [DK]	B66C1/62; B66C23/26; B66C23/52; F03D1/00	METHOD OF INSTALLATION OF AN OFFSHORE WIND TURBINE AND COMBINATION OF AN OFFSHORE WIND TURBINE AND A FLOATING VESSEL
WO2010140038 A2 20101209	IN2008MU02509 20090601	ZAKARIAHS MATHEW [IN]	F03D9/02	PNEUMATIC PRESSURE DRIVEN ALTERNATOR

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010140842 A2 20101209	KR20090049581 20090604	UNISON CO LTD [KR]; KIM DOO HOON [KR]; RYU JI YUNE [KR]; PARK JIN IL [KR]; BANG JO HYUG [KR]; HWANG JIN SU [KR]; SEO DONG JIN [KR]	F03D11/00; F03D11/02	WIND TURBINE WITH GENERATOR DISPOSED AT FRONT THEREOF
WO2010140848 A2 20101209	KR20090049585 20090604	UNISON CO LTD [KR]; KIM DOO HOON [KR]; RYU JI YUNE [KR]; PARK JIN IL [KR]; BANG JO HYUG [KR]; HWANG JIN SU [KR]; SEO DONG JIN [KR]	F03D11/00; F03D11/02	WIND TURBINE WITH GENERATOR FIXED ON TOP OF TOWER
WO2010140852 A2 20101209	KR20090049589 20090604	UNISON CO LTD [KR]; KIM DOO HOON [KR]; RYU JI YUNE [KR]; PARK JIN IL [KR]; BANG JO HYUG [KR]; HWANG JIN SU [KR]; SEO DONG JIN [KR]	F03D11/00; F03D11/02; H02K5/16	WIND TURBINE HAVING A TURBINE HOUSING DIRECTLY COUPLED TO TOWER
WO2010141347 A2 20101209	US20090182819P 20090601	SYNKINETICS INC [US]; BURSAL FARUK [US]	F03D1/02; F03B3/12; F03B15/20; F03D7/02	MULTI-ROTOR FLUID TURBINE DRIVE WITH SPEED CONVERTER

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010141687 A2 20101209	US20090183597P 20090603	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]; DOLD ROBERT [US]; HICKEY TIMOTHY [US]	F03D1/04	WIND TURBINE WITH PRESSURE PROFILE AND METHOD OF MAKING SAME
WO2010141698 A2 20101209	US20090183580P 20090603	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]; DOLD ROBERT [US]	F03D1/04	MOLDED WIND TURBINE SHROUD SEGMENTS AND CONSTRUCTIONS FOR SHROUDS
WO2010141715 A2 20101209	US20090555446 20090908; US20090183749P 20090603	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	F03D1/04	INFLATABLE WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010141720 A2 20101209	US20090183643P 20090603	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	F03D1/06	WIND TURBINE BLADES WITH MIXER LOBES
WO2010141807 A2 20101209	US20090184026P 20090604	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]; KEELEY WILLIAM SCOTT [US]	F03D1/04	NACELLE CONFIGURATIONS FOR A SHROUDED WIND TURBINE
WO2010141867 A2 20101209	US20090184289P 20090604; US20090555446 20090908	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J [US]	F03D1/04	COATED SHROUDED WIND TURBINE
WO2010142076 A1 20101216	WO2009CN72198 20090609	WEI BIN [CN]	F03D3/00; F03D11/02	BLADE SYSTEM OF VERTICAL SHAFT WIND POWER GENERATOR
WO2010142263 A2 20101216	DE200910025118 20090611	AERODYN ENERGIESYSTEME GMBH [DE]; KRAEMER PETER [DE]	F03D11/00	WIND TURBINE FEATURING RECIRCULATION OF A COOLING STREAM

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010142304 A1 20101216	WO2009EP04106 20090608	POWERWIND GMBH [DE]; KORZENIEWSKI THOMAS [DE]	F03D11/04	WIND POWER PLANT AND NACELLE THEREFOR
WO2010142470 A2 20101216	NO20090002276 20090612	INNOWIND AS [NO]; WAARSETH-JUNGE JOHANNES [NO]	F03D1/04	WIND TURBINE DEVICE
WO2010142759 A1 20101216	IT2009MI01028 20090610	WILIC S AR L [LU]; VIHRIAELAE HARRI [DE]	F03D11/00	WIND POWER ELECTRICITY GENERATING SYSTEM AND RELATIVE CONTROL METHOD
WO2010143214 A1 20101216	WO2009IT00260 20090612	SEQUOIA AUTOMATION S R L [IT]; IPPOLITO MASSIMO [IT]	F03D5/06	FLOATING OFFSHORE KITE POWERED GENERATOR
WO2010143817 A2 20101216	KR20090052384 20090612; KR20090060378 20090702; KR20100031895 20100407	HANLIMMECHATRONICS CO LTD [KR]; RHEE YEONG-WON [KR]	F03D3/06; F03D7/06; F03D9/00; F03D11/00	WIND POWER GENERATION SYSTEM EQUIPPED WITH MODULAR BLADE BOOSTER AND BLADE PIECES THEREOF
WO2010143921 A2 20101216	KR20090052590 20090613; KR20100050631 20100528	JU YOUNG-DAE [KR]	F03D3/04; F03D3/06	WIND ENERGY CONVERSION DEVICE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010145021 A1 20101223	US20090187170P 20090615; US20090187174P 20090615; US20090187176P 20090615; US20090233664P 20090813	UNIV LAVAL [CA]; DUBOIS MAXIME R [CA]; DESJARDINS MICHAEL [CA]; TREMBLAY LOUIS [CA]	H02K7/02; B60K6/10; B60K6/28; B60K16/00; F03D9/02; F03G3/08; F16F15/30; F16F15/305; F16F15/315; G06Q50/00; H02J3/00; H02J7/00; H02J9/04; H02J15/00; H02M7/66; H02M7/757; H02M7/797	SYSTÈME DE STOCKAGE D'ÉNERGIE ET PROCÉDÉ ASSOCIÉ
WO2010145065 A1 20101223	WO2009CN00661 20090617	LIAO FU-CHANG [NA]	F03D3/06; F03D7/06; F03D9/00	BLADE STRUCTURE AND WIND DRIVING DEVICE
WO2010145664 A1 20101223	US20090187065P 20090615; EP20090164202 20090630	VESTAS WIND SYS AS [DK]; KIRT RUNE [DK]; THOMSEN MADS BAEKGAARD [DK]; GALBRAITH DUNCAN [GB]	B64D1/00; F03D1/00	CONCEPT VOLANT SOUS FORME DE DIRIGEABLE POUR AEROGENERATEUR
WO2010145665 A1 20101223	US20090187065P 20090615; EP20090164207 20090630	VESTAS WIND SYS AS [DK]; KIRT RUNE [DK]; THOMSEN MADS BAEKGAARD [DK]	B64D1/02; B64B1/50; B64D1/22; E04H12/34; F03D1/00	MONTAGE D'AEROGENERATEUR PAR DIRIGEABLE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010145666 A1 20101223	US20090187065P 20090615; EP20090164257 20090630	VESTAS WIND SYS AS [DK]; KIRT RUNE [DK]; THOMSEN MADS BAEKGAARD [DK]; GALBRAITH DUNCAN [GB]	F03D1/00; B64D1/02; B64D1/22; B64F1/12; B64F1/14	SERVICE D'AEROGENERATEUR PAR DIRIGEABLE
WO2010146166 A2 20101223	IE20090000476 20090619; IE20090000598 20090731	NEW WORLD ENERGY ENTPR LTD [IE]; SMYTH JAMES [IE]; SMYTH PETER [IE]; SMYTH DAVID [IE]; SMYTH GERARD [IE]; SMYTH ANDREW [GB]	F03D1/04	A PRESSURE CONTROLLED WIND TURBINE ENHANCEMENT SYSTEM
WO2010146654 A1 20101223	WO2009JP60906 20090616	MITSUBISHI HEAVY IND LTD [JP]; NODA YOSHITOMO [JP]; NUMAJIRI TOMOHIRO [JP]; YANO AKIHIKO [JP]; NISHIDA HIDEAKI [JP]; YOSHIDA TAKAFUMI [JP]	F03D11/00	WIND-DRIVEN GENERATOR
WO2010147301 A2 20101223	KR20090054546 20090618	HARMONYTECH CO LTD [KR]; KIM BYUNG OCK [KR]	F03D3/06; F03D11/00	VERTICAL-AXIS WIND TURBINE
WO2010147629 A1 20101223	US20090457531 20090615; US20100662983 20100514	STONE RICHARD [US]	F03D7/04	AUXILIARY DRIVE/BRAKE SYSTEM FOR A WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010148062 A2 20101223	US20090187625P 20090616	WINDSPIRE ENERGY INC [US]; DE ROOIJ MICHAEL [US]	F03D7/00; H02P9/04	ELECTRONIC CONTROL OF WIND TURBINE ELECTRIC POWER GENERATOR
WO2010148168 A1 20101223	US20100342658P 20100415; US20100336206P 20100119; US20090273740P 20090808; US20090284515P 20091221; US20090269043P 20090620	RICKER JONATHAN CARL [US]	F03D7/00	SYSTEM FOR GENERATING ELECTRICAL ENERGY USING WIND POWER
WO2010148373 A1 20101223	US20100819163 20100618; US20090459017 20090625; US20090236521P 20090824; US20090258177P 20091104; US20090267430P 20091207; US20090456694 20090619	JOBY ENERGY INC [US]; BEVIRT JOEBEN [US]; PEDDIE MATTHEW [US]	F03D7/00	SYSTEM AND METHOD FOR CONTROLLING A TETHERED FLYING CRAFT USING TETHER ATTACHMENT POINT MANIPULATION
WO2010148443 A1 20101229	AU20090902933 20090624	JANSSON PETER [AU]	F03D3/00	VERTICAL AXIS WIND TURBINE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010148578 A1 20101229	CN20091147793 20090622	DONG GUAN JINXIN INTELLIGENT MECHANICAL EQUIPMENT CO LTD [CN]; XU CHUNQUAN [CN]	F03D9/00; F03D3/04; H02N15/00	WIND WHEEL POWER MACHINE
WO2010148579 A1 20101229	CN20091147792 20090622	DONG GUAN JINXIN INTELLIGENT MECHANICAL EQUIPMENT CO LTD [CN]; XU CHUNQUAN [CN]	F03D3/02; F03D9/00	WIND-POWER GENERATOR DRIVEN BY NATURAL OR REGENERATED WIND
WO2010148847 A1 20101229	WO2009CN72448 20090625	LIAO FU-CHANG [CN]	F03D3/04; F03D1/04; F03D11/00	WIND DRIVEN POWER GENERATING MECHANISM
WO2010148933 A1 20101229	CN20091100064 20090622	ZHEJIANG WINDEY ENGINEERING CO LTD [CN]; YE HANGYE [CN]; XU GUODONG [CN]; YING YOU [CN]	F03D7/00; F03D9/00	INDIVIDUAL PITCH CONTROL METHOD FOR LARGE WIND GENERATING SET
WO2010149806 A1 20101229	ES20090001478 20090623	GAMESA INNOVATION & TECH SL [ES]; ECHARTE CASQUERO FRANCISCO JAVIER [ES]; REDIN MIQUELEIZ JUAN [ES]	F03D1/06	STIFFENING THE BLADE ROOT OF A WIND TURBINE
WO2010149894 A1 20101229	FR20090003108 20090624	AEOLTA SAS [FR]; LEONARD PHILIPPE [FR]; VAN DE PERRE POL [BE]	F03D3/00; F03D3/04; F03D11/04	WIND TURBINE DEVICE FOR A ROOF

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010150032 A2 20101229	HU20090000398 20090624	KOKAI DENES [HU]	F03B17/06	ENERGY CONVERSION DEVICE
WO2010150083 A2 20101229	CN20092160536U 20090626	URBAN GREEN ENERGY INC [US]; SONG HANJUN [CN]; LIU YUN [CA]; BLITTERSWYK NICOLAS [CA]	F03D3/06	EXTERNAL ROTOR GENERATOR OF VERTICAL AXIS WIND TURBINE
WO2010150084 A2 20101229	CN20092160538U 20090626	URBAN GREEN ENERGY INC [US]; SONG HANJUN [CN]; LIU YUN [CA]; BLITTERSWYK NICOLAS [CA]	F03D3/06	VERTICAL AXIS WIND TURBINE
WO2010150367 A1 20101229	WO2009JP61502 20090624	MITSUBISHI HEAVY IND LTD [JP]; NODA YOSHITOMO [JP]; NUMAJIRI TOMOHIRO [JP]; SEKI SEITA [JP]	F03D11/04	WIND-DRIVEN GENERATOR DEVICE
WO2010150670 A1 20101229	JP20090167231 20090625	ONODERA TAKAYOSHI [JP]	F03D3/06; F03D7/06	ROTATION BLADE-TYPE VERTICAL AXIS WIND TURBINE
WO2010150932 A1 20101229	KR20090057794 20090626	KIM YOUNG HO [KR]	F03D1/06; F03B7/00; F03B13/06; F03D7/04; F03D9/02	POWER GENERATION APPARATUS
WO2010151060 A2 20101229	KR20090057609 20090626	HONG JEE YOUNG [KR]; HONG KYUNG TAEK [DM]	F03D3/06; F03D7/06; F03D11/00	WIND POWER GENERATOR USING FUNNEL WITH AIR BYPASS
WO2010151061 A2 20101229	KR20090057611 20090626	HONG JEE YOUNG [KR]; HONG KYUNG TAEK [KR]	F03D3/02; F03D3/06; F03D11/04	WIND POWER GENERATION APPARATUS HAVING GUIDE BLADE

Número do Documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO2010151230 A2 20101229	DK20090070039 20090626; US20090220589P 20090626	VESTAS WIND SYS AS [DK]; DELLA CHRISTIAN [SG]; LIM CHEE KANG [SG]; NARASIMALU SRIKANTH [SG]; LIM TIAN [SG]; HEIL TIMO MATTHIAS [SG]	F03D11/00	ACTUATOR SYSTEM, WIND TURBINE BLADE, AND WIND TURBINE
WO2010151237 A2 20101229	TR20090002873 20090413	AKSU MEHMET KORAY [TR]	F03D9/00	ENERGY TRANSFER-ENERGY WHEEL FOR WINDS
WO2010151540 A1 20101229	US20090269183P 20090622	STIMM KEAN W [US]	F03D1/00	WIND TURBINE
ZA200807115 A 20100825	DE200620008288U 20060523	LINCOLN GMBH		Bearing arrangement and metering valve and suction device therefor
ZA200807546 A 20100929	GB20060003895 20060227	HIGHVIEW ENTPR LTD		A method of storing energy and a cryogenic energy storage system
ZA200902100 A 20100929	ZA20060004852 20060612; ZA20090002100 20090325	STEYN MARTIN		A blade
ZA200903446 A 20100929	US20060585023 20061023	ENIS BEN M; LIEBERMAN PAUL		Thermal energy storage system using compressed air energy and/or chilled water from desalination processes
ZA200908069 A 20100929	ZA20090008069 20091116	YING WANG; QINGWAN LIN		A wind energy power machine, a wind energy power system and a wind energy generating system
ZA200908885 A 20100929	ZA20090008885 20091214	NICA HORIA [CA]		Boundary layer wind turbine with tangential rotor blades

Anexo 1: Códigos dos Principais Países

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

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

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

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