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INSTITUTO NACIONAL DA PROPRIEDADE INDUSTRIAL

Pedidos de Patentes sobre Energia Eólica

Pedidos Publicados no

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Divisão de Estudos e Programas – Diespro

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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 Divulgação, Documentação e Informação Tecnológica (CEDIN), subordinado à Diretoria de Articulação e Informação Tecnológica (DART), 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 Divisão de Estudos e Programas – DIESPRO, cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual 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 patentes publicados mundialmente em determinado período permitindo, desta forma, a atualização periódica de seu público alvo.

Mais detalhes sobre cada pedido 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

[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.

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 no Anexo l, 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.

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As cópias integrais dos pedidos de patente de interesse podem ser solicitadas por meio do endereço copdocpat@inpi.gov.br . O custo de cada documento completo, enviado em meio eletrônico, é de R$ 5,00, qualquer que seja a quantidade de folhas. O valor total, em função do número de documentos selecionados, deve ser pago por meio de uma guia encaminhada ao interessado.

[3] Contêm somente pedidos depositados e publicados nos Estados Unidos.

2. INTRODUÇÃO

2.1 PEDIDOS DE PATENTES SOBRE ENERGIA EÓLICA

A energia eólica é a energia que provém do vento. Esta pode ser transformada em energia mecânica ou elétrica.

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 Divisão 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 este levantamento, foram selecionados os pedidos de patente que contêm pelo menos um item da classificação internacional de patentes[4], contidos na subseção a seguir:

F03D - Motores Movidos a Vento.

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

2.2 CLASSIFICAÇÃO INTERNACIONAL DE PATENTES – CIP

O sistema da Classificação Internacional de Patentes resultou dos esforços conjuntos de órgãos de propriedade industrial de vários países, com o objetivo de dispor, de forma organizada e padronizada, os documentos de patente, a fim de facilitar o acesso (busca) às informações tecnológicas e legais contidas nesses documentos.

O Acordo de Estrasburgo relativo à Classificação Internacional de Patentes, concluído em 1971, entrou em vigor em 1975 e é administrado pela Organização Mundial da Propriedade Intelectual (OMPI). Qualquer país membro da Convenção da União de Paris pode se tornar membro do Acordo de Estrasburgo.

Em Novembro de 2009, 61 Estados eram parte do Acordo de Estrasburgo, no entanto mais de 100 escritórios nacionais, 4 escritórios regionais e a Secretaria da OMPI, atuando como escritório receptor do Tratado de Cooperação em Patentes (PCT), também utilizavam a Classificação Internacional de Patentes (CIP).

A cada ano a CIP é revisada de acordo com sugestões discutidas e acordadas pelos representantes dos países signatários. A edição atualizada é disponibilizada no *site* da OMPI: http://www.wipo.int/classifications/ipc/ e no *site* do INPI: http://pesquisa.inpi.gov.br/ipc/index.php .

3. RESULTADOS

3.1 Mundo

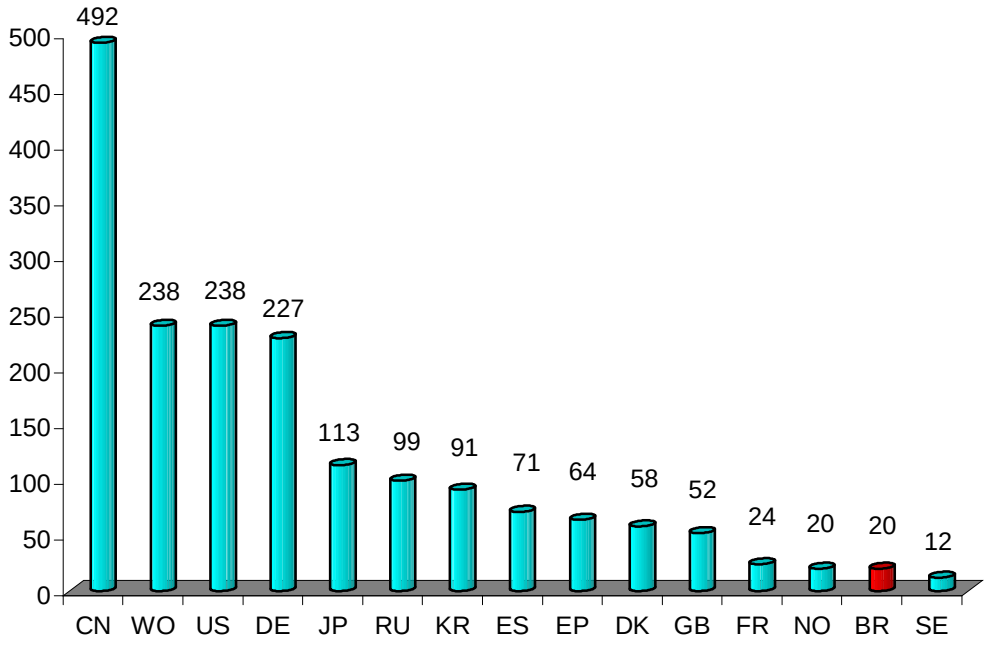
Para a realização deste trabalho, utilizou-se o banco de dados do Escritório Europeu de Patentes. O período selecionado para pesquisa foi 01/01/2009 a 30/06/2009. Os resultados encontrados serão expostos a seguir.

A busca realizada no sistema resultou num total de 1728 documentos de patentes publicados ao redor do mundo no período considerado. Um ponto importante a ser analisado nesta massa de dados diz respeito ao país da prioridade unionista do depósito, ou seja, de onde se originou cada pedido de patente publicado. O Gráfico 1 a seguir, mostra que foram encontrados 492 documentos com prioridade chinesa. Este número representa 28,47% dos pedidos de patente publicados. Segundo o Global Wind Report – 2008, a capacidade instalada para produção de energia eólica na China em 2008 era de 12.210 MW, representando 10,1% da capacidade instalada no mundo. A China era, em 2008, o quarto país com maior capacidade instalada para geração. O país líder em capacidade instalada, em 2008, eram os Estados Unidos da América, com 25.170 MW, representando 20,8% da capacidade de geração global. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patentes, com um total de 238 pedidos, representando 13,77% dos pedidos totais. O terceiro colocado no ranking de prioridades é a Alemanha com 227 pedidos, equivalendo a 13,13% do total. Neste mesmo período, a Alemanha foi detentora da segunda maior capacidade instalada para geração de energia eólica, com 23.930 MW, representando 19,8% do total mundial. Cabe ressaltar que os depósitos efetuados pelo sistema PCT – Patent Cooperation Treaty, representados pela sigla WO – Wipo Organization, contam com 238 ocorrências e correspondem aos pedidos de prioridade de diversas nacionalidades , já que o sistema PCT atualmente é adotado por 142 países.

No Brasil, a capacidade instalada para geração de energia eólica, segundo o Global Wind Report – 2008, em 2008 era de 341 MW. Com relação aos pedidos de patente nacionais, foram encontrados 20 documentos com prioridade nacional, ocupando o Brasil a décima quarta 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.

De acordo com o gráfico 1 os cinco principais países de prioridade são:

CN – China

US – Estados Unidos da América

DE – Alemanha

JP – Japão.

RU - Rússia

- WO e EP não são países e sim organizações internacionais.

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

A China figura em primeiro lugar com 492 depósitos prioritários, e outros 20 com prioridade estrangeira, totalizando 512 depósitos publicados no primeiro semestre de 2009. Tal levantamento permite identificar o perfil dos depositantes na China no período considerado, sendo assim distribuídos:

- 291 depósitos por inventores isolados;
- 118 depósitos foram efetuados por empresas chinesas;
- 60 depósitos por empresas estrangeiras;
- 32 depósitos por universidades e institutos de pesquisas;
- 11 depósitos por instituições de ensino secundário.

Pode-se notar que há uma grande quantidade de depósitos realizados por inventores isolados. Outro fato interessante apresentado pela pesquisa, foi a existência de 11 depósitos realizados por instituições de ensino secundário.

No que se refere a concentração tecnológica refletida no número de pedidos de prioridade publicados, considerado-se o primeiro semestre de 2009, dentre os 1728 pedidos depositados por 46 países nota-se que os oito primeiros colocados: China, Estados Unidos, Alemanha, Japão, Rússia, Coréia do Sul, Espanha e Dinamarca detém 80,42% dos pedidos, enquanto que os outros 38 países que constam do levantamento respondem apenas por 19,58% dos depósitos.

O Brasil ocupa a décima quarta posição, dentre os 46 países identificados no levantamento, considerando-se os pedidos com prioridade nacional.

A pesquisa realizada também nos permitiu verificar quem eram os principais depositantes em energia eólica no período analisado.

Na tabela 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no período e seus respectivos países de prioridade.

Tabela 1: Relação dos principais depositantes, seus respectivos países de prioridade e nº de pedidos de patentes publicados no 1º semestre de 2009.

	Depositante	Total de Documentos
1º	GEN ELECTRIC [US]	57
2º	VESTAS WIND SYS AS [DK]	57
3º	GAMESA INNOVATION & TECH SL [ES]	33
4º	WOBBEN ALOYS [DE]	27
5º	REPOWER SYSTEMS AG [DE]	23
6º	SIEMENS AG [DE]	22
7º	NORDEX ENERGY GMBH [DE]	21
8º	MITSUBISHI HEAVY IND LTD [JP]	19
9º	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	15
10º	NTN TOYO BEARING CO LTD	15
11º	INNOVATIVE WINDPOWER AG [DE]	11
12º	LM GLASFIBER AS [DK]	11
13º	FARB DANIEL [IL]	9
14º	GEZHI HIGH SCHOOL SHANGHAI [CN]	9
15º	SHANGHAI SEWIND CO LTD [CN]	8

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

No que concerne aos 15 principais depositantes em nível mundial, no primeiro semestre de 2009, nota-se que apesar da China figurar em primeiro lugar com 492 pedidos de prioridade, o mercado internacional apresenta predomínio de empresas de alemãs, americanas, dinamarquesas, americanas, japonesas e espanholas.

Ainda com relação aos principais depositantes mundiais, a instituição de origem chinesa mais bem colocada, aparece apenas na 14ª posição, com 9 pedidos, sendo curiosamente uma instituição de ensino médio. com depósitos prioritários efetuados apenas na China, a exemplo do que ocorre com os demais depositantes chineses, em contraste com as empresas dos demais países que constam desta seleção.

Nota-se ainda, pela tabela acima, que dentre os 15 principais depositantes, a origem dos pedidos de patente está concentrada em seis países, conforme descrito abaixo:

1. Alemanha [DE] – 104 pedidos
2. Estados Unidos [US] – 57 pedidos
3. Dinamarca [DK] – 68 pedidos
4. Japão [JP] – 34 pedidos
5. Espanha [ES] – 33 pedidos
6. China [CN] – 17 pedidos

Nos países, listados na Tabela 1, cabe ressaltar a alta concentração de depósitos em poucas empresas, notadamente nos Estados Unidos e Espanha onde apenas uma única empresa é responsável pela totalidade dos depósitos prioritários, sendo respectivamente: 57 nos EUA (General Electric) e 33 na Espanha (Gamesa Innovation e Tech SL). Também há concentração na Dinamarca, pois apenas uma empresa, Vestas Wind Sys As, tem uma parcela significativas do pedidos de patente (57 pedidos publicados), enquanto a segunda colocada, LM Glasfiber AS, aparece na décima segunda posição com 11 documentos.

Considerando-se ainda a amostra acima citada, também pode-se verificar alta tendência de concentração tecnológica em depósitos de patentes publicados nos demais países, sendo os depositantes assim distribuídos:

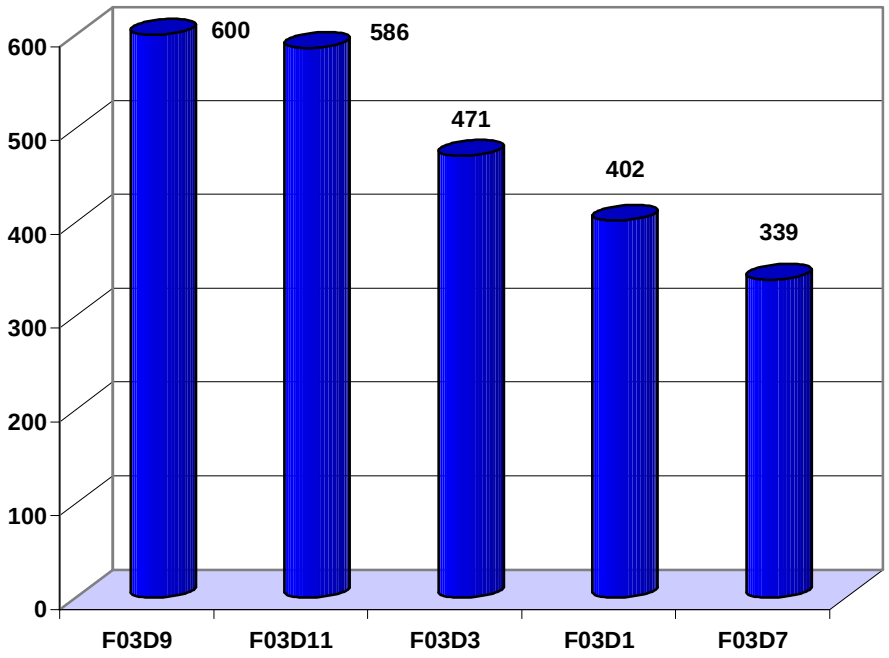
- na Dinamarca: 2 empresas;
- no Japão: 2 empresas;
- em Israel: 1 inventor isolado

e no caso da China: 1 empresa e 1 instituição de ensino secundário.

Entretanto, a Alemanha, país com maior número de pedidos de patente publicados dentre os 15 maiores depositantes, conta com 5 empresas que buscam a proteção patentária em energia eólica, refletindo melhor distribuição da tecnologia, no setor no qual é focado o presente levantamento 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, a seguir, apresenta tal distribuição. Este gráfico permite o monitoramento das tecnologias relacionadas à energia eólica, descritas nos pedidos de patente publicados no período considerado no presente levantamento.

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;

F03D011/ - Detalhes, peças ou acessórios não incluídos nos, nem pertinentes aos outros grupos desta subclasse;

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

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

F03D7/00 - 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 2008, 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.

3.2 Brasil

Conforme demonstrado no gráfico 1, o Brasil apresentou 20 publicações com prioridade brasileira no período analisado. O perfil dos depositantes brasileiros revela que dos 20 pedidos encontrados, oito foram feitos por empresas e doze por inventores isolados. Destes 20 pedidos prioritários, os depositantes foram responsáveis por 5 pedidos de patente no exterior, sendo 2 nos Estados Unidos, 1 no Japão, 1 na África do Sul e 1 no Escritório Europeu de Patentes.

Além destes, o Brasil também foi alvo de 9 pedidos de patente com prioridade estrangeira, sendo a origem da tecnologia representada por 2 pedidos norte americanos, 3 alemães e 4 dinamarqueses.

Tabela 2: Dados Bibliográficos dos Pedidos de Patente Publicados no 1º Semestre de 2009.

(Por Ordem Alfabética do Nome do Depositante)

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
EP2066902 A1 20090610	WO2006SE01107 20060929	ABB RESEARCH LTD [CH]	F03D7/02	A control method
WO2009003508 A1 20090108	WO2007EP56533 20070629	ABB RESEARCH LTD [CH]; LILJESTRAND LARS [SE]; SANNINO AMBRA [SE]; HULTQVIST LARS [SE]	F03D9/00 ; H02B1/21	Switchgear for a wind turbine and system for arranging electrical connections in a wind farm
WO2009050311 A1 20090423	ES20070002738 20071018	ACCIONA EN S A [ES]; INGETEAM ENERGY S A [ES]; GUELBENZU MICHELENA EUGENIO [ES]; PEREZ BARBACHANO JAVIER [ES]	F03D9/02 ; H01M8/06; H01M8/24; H02J3/38	Production system for electric energy and hydrogen
WO2009063112 A1 20090522	ES20070003020 20071115	ACCIONA EN S A [ES]; ITOIZ BEUNZA CARLOS [ES]	F03D11/00 ; B63B22/00; G01S17/95	System for measuring sea-based wind resources, power generator and installation method
WO2009068712 A1 20090604	ES20070003172 20071129	ACCIONA EN S A [ES]; ITOIZ BEUNZA CARLOS [ES]	F03D9/00	Marine electric power production system and installation method
ES2320401 A1 20090521	ES20070003055 20071120	ACCIONA WINDPOWER S A [ES]	F03D7/04	Parque eolico
EP2044326 A2 20090408	WO2007US72852 20070705; US20060806707P 20060706	ACCIONA WINDPOWER S A [ES]	F03D9/00 ; H02P9/04	Systems, methods and apparatuses for a wind turbine controller
WO2009007480 A1 20090115	ES20070001934 20070710	ACCIONA WINDPOWER S A [ES]; GARCIA SAYES JOSE MIGUEL [ES]; NUNEZ POLO MIGUEL [ES]	F03D1/00	Wind turbine
EP2053240 A1 20090429	EP20070075909 20071022	ACTIFLOW B V [NL]	F03D11/02 ; F03D1/06	Wind turbine with boundary layer control
ES2314034T T3 20090316	DE20011005181 20010206	AERODYN ENG GMBH	F03D9/00 ; F03D11/04 ; B01D61/02; C02F1/44; F03D1/06 ; F03D9/02 ;	Instalacion de energia eolica con una planta desalinizadora de agua marina o salobre.

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
			F03D11/00 ; F03D11/02	
US2009058093 A1 20090305	US20080103006 20080415; US20070912227P 20070417	AEROKINETIC ENERGY CORP [US]	F03B13/00	Fluid powered generator
EP2064444 A2 20090603	WO2007EP07826 20070907; DE200620013779U 20060908	AEROVIGOR HUNGARIA KFT [HU]	F03D3/00 ; F03D1/06 ; F03D3/04 ; F03D3/06	Wind power installation
CN201225234Y Y 20090422	CN20082059263U 20080530	AFFILIATED MIDDLE SCHOOL OF FU [CN]	F03D9/00 ; F03D5/06 ; F03D11/00	Kite electric generator
DK1664573T T3 20090309	DE20032014822U 20030923; WO2004EP09763 20040902	AGARDY GABOR JOSEF [DE]; EDZARDS JUERN [DE]	F16D65/18; F03D7/02 ; F03D11/00 ; F16D65/14	Azimut-bremse til vindkraftanlõg
WO2009029509 A2 20090305	US20070957778P 20070824	AIR POWER SYSTEMS LLC [US]; KRAUSS FRENCHY [US]; SCHALLER WOLFGANG P [DE]	F03D3/00	Vertical axis self-breaking wind turbine
US2009026770 A1 20090129	DE200610003138 20060124; WO2007EP00558 20070123	AIRBUS GMBH [DE]	B64D41/00; F03D3/04	Emergency supply unit with a ram-air turbine adapted to be driven by an air stream and with an energy converter for aircraft
EP2014914 A1 20090114	WO2007JP59417 20070425; JP20060145911 20060425; JP20070052025 20070201	AKAMINE TATUMI [JP]	F03D3/06 ; F03D9/02 ; F03D11/04	Wind power generating rotor blades utilizing inertial force, wind power generating apparatus using the rotor blades, and wind power generating system

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
EP2037120 A1 20090318	EP20070301360 20070913	ALCATEL LUCENT [FR]	F03D9/00 ; H01Q1/00	Antenna/wind turbine device and communication station using the same
SE531443 C2 20090407	SE20070001497 20070619	ALDMAN CLAES [SE]; HERBERTSSON HARALD [SE]; HARRYSSON RALPH [SE]	F03D7/06 ; F03D3/06	Vindkraftverk med stõllbara vingar i saxlõnkskonfiguration
RU2354844 C1 20090510	RU20070132545 20070829	ALIEV ABDULLA SIRAZHUTDINOVICH [RU]; ALIEV RAKHMETULLA ABDULLAEVICH [RU]; SAIDOV ADIL ABUKOVICH [RU]; TALALAJ MIKHAIL ALEKSANDROVICH [RU]	F03D5/00	Flow power converter
WO2009003860 A1 20090108	FR20070004762 20070702	ALIZEO [FR]; LAVAUR RICHARD [BE]; DE VIVO MICHEL [FR]; GHIRETTI ALAIN [FR]	F03D11/04	Wind generator with folding mast
FR2920206 A1 20090227	FR20070006000 20070824	ALIZEO SARL [FR]	F03D11/04 ; E04H12/18; E04H12/34; F03D1/00 ; F03D11/02	Wind turbine, has nacelle provided at upper end of support mast and comprising rotor that carries propeller and drives electric generator that is located near ground at distance of nacelle, and actuator connected to support mast
EP2035899 A1 20090318	WO2006US16284 20060426	ALLIANCE FOR SUSTAINABLE ENERG [US]	G05B13/02; F03D9/00 ; G05D3/12; G05D5/00; G05D9/00; G05D11/00; G05D17/00; H02P9/04	Adaptive pitch control for variable speed wind turbines
BRMU8800214U U2 20090613	BR2008MU8800214U 20080228	ALMEIDA JOSE JUE FERREIRA DE [BR]	F03D3/02 ; F03D3/04 ; F03D11/04	Disposição construtiva aplicada em torre para captação de energia eólica e geração de energia elétrica

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
NZ543574 A 20090228	DE20031019246 20030428; WO2004EP03294 20040329	ALOYS WOBBEN	F03D1/06	Rotor blade of a wind energy facility
NZ545162 A 20090131	DE20031036461 20030805; WO2004EP51720 20040805	ALOYS WOBBEN	B29C70/86; B64C27/473; F03D1/06	Bearing structure
NZ548968 A 20090430	DE200410005179 20040202; WO2005EP50387 20050131	ALOYS WOBBEN	F03D1/00 ; F03D11/00	Offshore-wind power plant having an entry lock
CN101384817 A 20090311	DE200610007536 20060216	ALOYS WOBBEN [DE]	F03D11/00 ; F21S8/00	Wind turbine comprising approach lighting
DE202008002262U U1 20090625	DE200820002262U 20080218	ALTHOFF KLAUS JUERGEN [DE]	F03D1/06 ; F03D3/06	Neues Rotorblatt und damit erstellte Windkraftanlagen
EP2035696 A2 20090318	WO2007IB52365 20070620; ZA20060005425 20060630	ALUNNI ASTELIO [ZA]	F03D3/00 ; F03D3/02 ; F03D11/00	Generation of power
BRPI0704310 A2 20090623	BR2007PI04310 20071031	ALVES CARDOSO CARLOS AUGUSTO [BR]	F16H7/06; F03D11/00	Somador de torque rotativo para quatro eixos
KR100877419B B1 20090107	KR20080049676 20080528	AN SEUNG HYUK [KR]	F03D3/04 ; F03D3/06	Vertical type wind turbine device
EP2021626 A2 20090211	WO2007US69956 20070530; US20060803420P 20060530	ANALYTICAL DESIGN SERVICE CORP [US]	F03D7/06 ; F03D3/06	Vertical axis wind system

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RU2350777 C2 20090327	RU20060134749 20061002	ANAN IN BORIS MIKHAJLOVICH [RU]; ANAN IN VASILIJ GENNAD EVICH [RU]	F03D7/00	Wind-driven power plant
DE202008014838U U1 20090115	DE200820014838U 20081107	ANDRICH DETLEF [DE]; LORK MARTIN [DE]	F03D3/06	Freitragender Vertikalachs-H-Durchstr÷m-Auftriebs-Rotor
CN101387380 A 20090318	CN20081194481 20081112	ANHUI FENGRI OPTOELECTRONIC TE [CN]	F21S9/03; F03D9/00 ; F21V9/04; F21V23/00; H02J7/00	Intelligent street lamp for comprehensively utilizing multi energy resources
CN201187526Y Y 20090128	CN20082061614U 20080102	ANMING DAI [CN]	F16C19/50; F03D7/02 ; F03D11/00 ; F16C33/32; F16C33/58; F16C33/66	Wind electric 1.25-2.0 MW paddle-changing double-row ball bearing developed by ultimate design special technique
EP2039927 A1 20090325	EP20070425581 20070921	ANTOMAG S R L [IT]	F03D1/06 ; F03D7/02 ; F03D11/00	Horizontal-axis wind turbine
US2009010761 A1 20090108	DE200610002137 20060117; WO2007DE00063 20070117	AQUAPOWER GMBH [DE]	F03B15/00; F03D7/06	Rotating device to be used in a fluid
DE102007038945 A1 20090219	DE200710038945 20070817	AQUAPOWER GMBH [DE]	F03D3/06	Rotationsvorrichtung
EP2012006 A1 20090107	WO2006ES00338 20060608; ES20060000887U 20060318	ARIZA GARCIA SAN MIGUEL JOSE M [ES]; CASARES PELAEZ ENRIQUE [ES]	F03D3/00	Electrical-energy generator
KR20090021262 A 20090302	ES20060000887 20060418	ARIZA GARCIA SAN MIGUEL JOSEM [ES]; CASARES PELAEZ ENRIQUE [ES]	F03D3/00 ; F03D3/06	Electric power generator

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DE102007053439 A1 20090514	DE200710053439 20071107	ARMAND GUNTER [DE]	F03D5/00	Power producing device e.g. Wind or hydroelectric power plant, for use in e.g. Roof of multistory building, has conversion mechanism for conversion and transformation of power, which is in form, of turbulence into another form of power
DE102007053440 A1 20090520	DE200710053440 20071107	ARMAND GUNTER [DE]	F15D1/02; F03B11/00; F03D1/04	Fluid turbulence guiding device, has guiding body comprising opening formed along longitudinal extension, where opening extends in plane whose normal vector is arranged perpendicular to longitudinal axis of guiding body
RU2345245 C1 20090127	RU20070131486 20070820	ARTER TEKNOLODZHI LTD [GB]	F03D1/04	Wind-power generating set
RU2345246 C1 20090127	RU20070131487 20070820	ARTER TEKNOLODZHI LTD [GB]	F03D1/04	Wind-power generating set
RU2345247 C1 20090127	RU20070131488 20070820	ARTER TEKNOLODZHI LTD [GB]	F03D1/04	Wind-power generating set
WO2009038127 A1 20090326	JP20070244438 20070920	ASAI SOICHIRO [JP]	F03D3/04 ; F03D3/02 ; F03D3/06 ; F03D7/06	Windmill
ES2321995 A1 20090615	ES20050002571 20051005	ASCEND RMM S L [ES]	F03D11/00 ; F01M11/04	Procedimiento para el cambio de aceite de aerogeneradores eolicos y equipo movil para el cambio de aceite de aerogeneradores eolicos a alturas de hasta 100 metros.
RU2361157 C2 20090710	RU20070127067 20070717	AVTONOMNAJA NEKOMMERCHESKAJA N [RU]; MEZHDUNARODNAJA GELIOEHNERGETI [RU]	F03D3/00	Power cascade of vortex chambers
EP2028370 A2 20090225	US20070809181 20070531	AWA TECHNICAL AGENCIES LTD [CN]	F03D9/00 ; F03D11/00	Wind-powered generator and assemblies therewith

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MX2008012652 A 20090219	BE20060000203 20060331; WO2006BE00119 20061106	AZAR JOHN [BI]	F03G6/04; F03D1/04 ; F03G7/04	Production of electricity from low-temperature energy sources.
EP2041609 A1 20090401	WO2007GB50396 20070712; GB20060014036 20060714; EP20060253699 20060714; EP20070766438 20070712	BAE SYSTEMS PLC [GB]	G02B6/44; F03D11/00 ; G02B6/00	Heat distribution in a distributed lighting apparatus
GR1006339 B2 20090414	GR20070100733 20071204	BALNTOUKAS ANTONIS	F03D11/04 ; G01D5/04; G09B25/02	Training device for the measuremnt of impeller turns that is moved by air current, made of by recyclable materials.
CN101363401 A 20090211	CN20081166396 20080924	BAOCHAO ZHANG [CN]	F03D3/00 ; F03D3/06	Novel wind motor
CN101349247 A 20090121	CN20081150805 20080904	BAOSUO HU [CN]	F03D9/00 ; F03D3/06	Large power electric generating apparatus of wind power circumferential motion lever
CN201258827Y Y 20090617	CN20082030184U 20080904	BAOSUO HU [CN]	F03D9/00	Wind-driving circumferential motion lever high power generating set
DE102007062502 A1 20090625	DE200710062502 20071220	BECKER EBERHARD [DE]	F03D9/02	Wind turbine for producing electric current, has rotor for driving water pump, generator for driving drive unit, and pressurized water container including water inlet connected with pump, where water passes to drive unit through pump
CN201247964Y Y 20090527	CN20082078948U 20090108	BEIJING NENGGAO AUTOMATIZATION [CN]	H02J7/00; F03D7/00 ; H02J7/34; H02J15/00	Power supply for variable pitch system
CN101363418 A 20090211	CN20081222802 20080919	BEIJING QINGHUA HUAFENG TECHNO [CN]	F03D9/00 ; F03D7/06	Vertical shaft type double-group air vane wind power plant
CN101363403 A 20090211	CN20081222803 20080919	BEIJING QINGHUA HUAFENG TECHNO [CN]	F03D7/00	Centrifugal bar type braking device for vertical shaft type windmill

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CN101363402 A 20090211	CN20081222804 20080919	BEIJING QINGHUA HUAFENG TECHNO [CN]	F03D3/00 ; F03D7/06 ; F03D11/00	Centrifugal ball type braking device for vertical shaft type windmill
CN201250754Y Y 20090603	CN20082122702U 20080919	BEIJING TSINGHUA OWEN TECHNOLO [CN]	F03D3/00	Centrifugal ball type braking device for a vertical shaft type windmill
CN201250755Y Y 20090603	CN20082122703U 20080919	BEIJING TSINGHUA OWEN TECHNOLO [CN]	F03D3/00	Centrifugal rod type braking device for a vertical shaft type windmill
CN201250762Y Y 20090603	CN20082122704U 20080919	BEIJING TSINGHUA OWEN TECHNOLO [CN]	F03D9/00	Vertical shaft type double set windmill wind power equipment with a braking device
CN201228613Y Y 20090429	CN20082126845U 20080702	BEIJING URBAN GREEN ENERGY SCI [CN]	F03D3/06 ; F03D11/00	Impeller and windwheel of vertical shaft wind power generator
CN201246285Y Y 20090527	CN20082109931U 20080813	BEIJING ZHONGXINTURUI SCIENCE [CN]	F03D11/00	Falling-proof apparatus
NZ544679 A 20090228	US20030478220P 20030613; WO2004US18899 20040614	BEN M ENIS; PAUL LIEBERMAN	F03D7/04 ; F03D9/00 ; F03D9/02	A method of coordinating and stabilizing the delivery of wind generated energy
ES2311399 A1 20090201	ES20070001150 20070427	BERMUDEZ SANCHEZ IGNACIO [ES]; BERMUDEZ MIQUEL JOSE MIGUEL	B63H9/06; F03B13/00; F03D9/00	Vela rigida de perfil configurable
WO2009061401 A1 20090514	US20070002087P 20071105	BERNATZ THOMAS STEWART [US]	H02P9/04; F03D9/00	Horizontal axis wind turbine rotor assembly with lifting body rotor blades
CN101457743 A 20090617	CN20081106951 20080626	BING YANG [CN]	F03D9/00	Aerial wind power generator
DE202009001413U U1 20090625	DE200920001413U 20090205	BINGENHEIMER ERHARD HAPE [DE]	F03D9/00	E-Windkraft-Verstõrker zur Erzeugung von elektrischem Strom
CN101368544 A 20090218	CN20081030078 20080811	BINGXIN GONG [CN]	F03D9/00 ; F03D3/00 ; F03D11/00	Combination type coaxial vertical axis aerogenerator
CN101363413 A 20090211	CN20081198515 20080916	BINGXIN GONG [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Speed increasing wind power generator

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CN101363414 A 20090211	CN20081198657 20080922	BINGXIN GONG [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D7/06	Wind gathering speed increasing wind power generator
CN101397970 A 20090401	CN20071181016 20070924	BINGYUAN FU [CN]	F03B3/10; F03B13/06; F03D9/00 ; F04D13/04; F04D29/02; F04D29/42	Distribution-type tri-functional water wheel vacuum pump
CN101435411 A 20090520	CN20081108329 20080602	BINGYUAN FU [CN]	F03D9/00 ; F03D7/00	Automatic control three-function movable paddle type wind turbine
WO2009047595 A1 20090416	IT2007VA00075 20071008	BIUCCHI SERGIO [IT]; MANTOVANI MARCO [CH]	F03D3/04 ; F03D3/06 ; F03D9/00	Vertical-axis wind-powered electric power generator with photovoltaic cogeneration
WO2009005866 A2 20090108	US20070921891P 20070405; US20070967402P 20070904	BLUE GREEN PACIFIC INC [US]; PELMAN TODD A [US]; HEGEMAN DAVID ELIAS [US]; ROBINSON TODD CHRISTOPHER [US]; WEINTRAUB JEFFREY C [US]; SJAHSAM OLIVER PATRICK [US]	F03D3/06 ; F03D9/00	Easily adaptable and configurable wind-based power generation system with scaled turbine system
WO2009050547 A2 20090423	IT2007TO00666 20070924	BLUE H INTELLECTUAL PROPERTIES [CY]; JAKUBOWSKI MARTIN [DE]; CARUSO SILVESTRO [IT]	F03D9/00	Conversion system of off-shore wind energy suitable for deep water
DE202007016635U U1 20090402	DE200720016635U 20071128	BOEHM HANS GEORG [DE]	F03D3/04	Windkraftanlage mit Windkollektor und Windabweiser
RU2352809 C1 20090420	RU20070133572 20070907	BOLOTOV AL BERT VASIL EVICH [KZ]; BOLOTOV SERGEJ AL BERTOVICH [RU]; BOLOTOV NIKITA SERGEEVICH [RU]	F03D3/04	Bolotov's wind-driven electric plant
NL1036555 A1 20090602	NL20091036555 20090211	BOONMAN JAN [NL]	F03D5/02	Een windvlakconstructie ten behoeve van omzetting van windenergie in mechanische energie.

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FR2921984 A1 20090410	FR20070006903 20071003	BOUVAERT WALTER [FR]	F03D9/00 ; F03G7/10	Electrical energy producing machine i.e. Wind turbine, has motor fan system for producing air flow, where air flow is transmitted towards blades of wheel through channel, which is emerged in peripheral zone of wheel
BRPI0706084 A2 20090127	BR2007PI06084 20070608	BRAGATO ROMEU [BR]	F03D9/00	Motor eólico
DE202008013631U U1 20090122	DE200820013631U 20081015	BRANDMANN FRANK HENNO [DE]	F03D9/02 ; F03D11/00	Nutzung des Stahlturmes einer Windkraftanlage als Pressluftspeicher
CN101460739 A 20090617	US20060794094P 20060424	BRI ENERGY SOLUTIONS LTD [CA]	F03D11/04	Wind and updraft turbine
US2009140528 A1 20090604	US20080334333 20081212; WO2007CA00665 20070420	BRI ENERGY SOLUTIONS LTD [CA]	F03D9/00	Wind and Updraft Turbine
EP2013476 A1 20090114	WO2007CA00665 20070420; US20060794094P 20060424; US20060869860P 20061213	BRI ENERGY SOLUTIONS LTD [CA]	F03D11/04 ; E04H12/28; F03D3/00 ; F03D3/06 ; F23J13/00; F27D17/00	Wind and updraft turbine
WO2009033295 A1 20090319	US20070971712P 20070912	BRITISH COLUMBIA INST OF TECHN [CA]; TABATABAIAN MERZHAD [CA]	F03D1/04 ; F03D11/04 ; F15D1/14	Power density enhancement apparatus for wind turbines
EP2057351 A2 20090513	WO2007US76021 20070815; US20060505966 20060817	BROADSTAR DEVELOPMENTS LP [US]	F01B25/06	Wind driven power generator
RU2372520 C2 20091110	RU20070128849 20070725	BUGROV EVGENIJ VIKTOROVICH [RU]; CHIZHOV OLEG ANATOL EVICH [RU]	F03D3/00	Daisy power plant

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DE202006020633UU1 20090528	EP20060757772 20060609; DE200620020633U 20060609	BUKTUKOV NIKOLAY [KZ]	F03D3/06	Windkraftwerk
KR20090027641 A 20090317	KR20087030738 20081217	BUKTUKOV NIKOLAY [KZ]	F03D3/00	Wind power plant
EP2048358 A1 20090415	WO2006KZ00009 20060925; KZ20060000829 20060714	BUKTUKOV NIKOLAY [KZ]	F03D3/06	Wind power plant buktukov-3
EP2065594 A1 20090603	WO2006KZ00010 20060925; KZ20060000999 20060907	BUKTUKOV NIKOLAY [KZ]	F03D3/06	Wind power plant
WO2009023002 A1 20090219	UA20070008843 20070731	BURYAK NIKOLAJ NIKOLAEVICH [UA]; SMOLICH RAISA NIKOLAEVNA	F03D9/00 ; F03D3/04	Wind energy converting method and device for carrying out said method
WO2009033472 A2 20090319	DE200710043844 20070914; DE200810023109 20080509	BUSCH DIETER & CO PRUEFTECH [DE]; BECKER EDWIN [DE]; LOESL JOHANN [DE]	F03D7/04 ; F03D11/00	Wind turbine and method for operating a wind turbine
DE102007036764 B3 20090129	DE200710036764 20070803	BUTZKIES STAHLBAU GMBH [DE]	E04H12/00; E04B1/58; E04H12/08;E04H12/10; F03D11/04	Tower for e.g. Wind energy plant, has lattice shaped tower section with three corner posts, and tubular tower section with circular cross section, where free ends of inner profiles are connected with inner wall of tubular tower section
KR20090027713 A 20090317	KR20090014213 20090220	CAE KOREA CO LTD [KR]	F03D3/06 ; F03D11/00	Vertical wind power generator with vibration and sound reduction mechanism
WO2009067845 A1 20090604	CN20071190673 20071128	CAI XINYI [CN]	F03D3/06 ; F03D11/00 ; F04D29/30	A constant direction four quadrant lift type vertical shaft wind power generator

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CN101446264 A 20090603	CN20071301483 20071228	CAI YANQI [CN]	F03D3/06	Wind motor with cloth fan blades and steel structure support
CN201209519Y Y 20090318	CN20082074912U 20080530	CAIXI SOLAR ENERGY ENVIRONMENT [CN]	F03D9/00 ; F03D11/00	Solar heat collector
CN201221445Y Y 20090415	CN20082088446U 20080606	CAIYONG LIN [CN]	F03D9/00 ; F21S9/04; H02J7/14	Wind power generation on high layer building top
GB2454525 A 20090513	GB20070022139 20071110	CALDWELL NEIL ANDREW BLACKETT [GB]	F03D3/06 ; F03B17/06; F03D3/02 ; F04D11/00; F04D23/00; F04D29/18; F04D29/26	Prime mover or pump
WO2009009701 A2 20090115	US20070959082P 20070710	CALIFORNIA WIND SYSTEMS [US]; DONAGHEY ROBERT J [US]	F03D3/00	Lateral wind turbine
BRPI0703668 A2 20090526	BR2007PI03668 20071002	CAMILOTTI RAFAEL [BR]	F03D3/02	Dispositivo gerador de energia
WO2009056659 A1 20090507	ES20070002288U 20071031	CAMPILLO FERRE JUAN [ES]	F03B9/00; F03B17/06; F03D5/02	Elliptical power generator
ES2310965 A1 20090116	ES20070001375 20070518	CAMPOS ALVAREZ SERGIO [ES]	F03D3/04 ; F03D3/06	Turbina radial eolica o hidraulica
PT103782 A 20090109	PT20070103782 20070709	CANTANTE DE MATOS ENGENHARIA L [PT]	F03D1/04	Gerador eëlico com transmiss+o por aspiraã+o
WO2009050685 A2 20090423	IT2007NA00103 20071018	CAPUTI ORESTE [IT]	F03D3/00	Crossed flow turbine
FR2922272 A1 20090417	FR20070007124 20071011	CARRE FREDERIC [FR]	F03D1/02 ; F03D1/04 ; F03D7/04	Aerogenerator for producing electrical energy, has rotor placed in upstream of another rotor and axially in convergent section, where rotors and internal surface delimit intake air compression and acceleration chamber
EP2044323 A2 20090408	WO2007FR01254 20070720; FR20060006744	CENTRE NAT ETD SPATIALES [FR]	F03D1/02 ; F03D11/02	Wind-powered device for producing electrical energy

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	20060724			
GB2451191 A 20090121	GB20070013990 20070718	CHAMBERS PETER RONALD [GB]	F03D11/04 ; E02B17/02; E02D27/42; E02D27/44; F03D1/00	Wind turbine mounting
KR20090048564 A 20090514	KR20090035952 20090424	CHANG JONG CHUL [KR]	F03D9/00 ; F03B13/00; F24J2/02	Air car clean energy system
DE202008016683U U1 20090305	DE200820016683U 20081218	CHANG TSUNG CHIH [TW]	F03D9/00	Rotor von Windrad f³r Garten
CN201221720Y Y 20090415	CN20082096271U 20080307	CHANGXING LI [CN]	F21S8/08; F03D3/00 ; F21S9/04; F21V23/00; F21V29/02	LED square road lamp of airflow power generation and heat radiation
CN201193585Y Y 20090211	CN20082096272U 20080307	CHANGXING LI [CN]	F03D1/04 ; F03D9/00 ; H02K7/18	Air working substance flow generating set
CN101387263 A 20090318	CN20081171741 20081024	CHANGZHOU BOLONG THREE DIMENSI [CN]	F03D1/06 ; B29C70/10; B29C70/28;B29C70/34; B29C70/54; F03D3/06 ; F03D11/00	Wind mill blade prepared by spacing structure weaving process and method thereof
CN101392144 A 20090325	CN20081234980 20081112	CHANGZHOU PULANNA COATING CO L [CN]	C09D167/00; C09D5/00; F03D1/06 ; F03D3/06	Coating for wind power blade and preparation method thereof
WO2009058022 A1 20090507	NO20070005469 20071030; US20070000910P 20071030	CHAPDRIVE AS [NO]; DAHLHAUG OLE GUNNAR [NO]	F03D11/02	Wind turbine with hydraulic swivel
WO2009064192 A1 20090522	NO20070005826 20071113; US20070996354P 20071113	CHAPDRIVE AS [NO]; DAHLHAUG OLE GUNNAR [NO]	F03D11/02 ; F03D11/04	Wind turbine with rotating hydrostatic transmission system

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WO2009061209 A1 20090514	NO20070005720 20071108; US20070996274P 20071108	CHAPDRIVE AS [NO]; HAARBERG PER OLAV [NO]	F03D11/02 ; H01R39/08	Wind turbine with electrical swivel
WO2009003362 A1 20090108	CN20071129544 20070629	CHEN YIN [CN]	F03B9/00; F01D23/00; F03D5/02 ; F03D5/04	Blade-rotating vehicle type fluid power machine
WO2009065245 A1 20090528	WO2007CN03260 20071119	CHEN YUZE [CN]	F03D9/00 ; F03G7/00	An air temperature difference power generation system
CN101392730 A 20090325	CN20081197419 20081028	CHENG HUANG [CN]	F03D9/00 ; H02J3/00	Parallel paddle type large-sized wind-driven generator
DE202008016677U U1 20090305	DE200820016677U 20081217	CHENG WANG COMP TECHNOLOGY CO [TW]	F03D9/02	Stromgenerator
CN201243209Y Y 20090520	CN20082063329U 20080506	CHENGDU FORWARD TECHNOLOGY CO [CN]	H02J3/38; F03D7/00 ; F03D11/00 ; G05B15/02; H02J3/42; H02P9/04; H02P9/06	Control system for wind generating set
CN201190633Y Y 20090204	CN20082046754U 20080423	CHENGWAN PENG [CN]	F03D9/00 ; A63H33/40; F03D1/06 ; F21V33/00; H02K1/22	Windmill with light source
RU2364749 C2 20090820	RU20070140350 20050408	CHIO CHUJ-NAN [CN]	F03D3/00	Device for transformation of wind energy with flywheel drive
KR20090032439 A 20090401	KR20070097695 20070928	CHOI BONG SEOK [KR]	F03D3/04	Wind power generation system
KR20090032440 A 20090401	KR20070097696 20070928	CHOI BONG SEOK [KR]	F03B13/26; F03B13/12; F03D3/04	Tidal power generation system
KR20090044029 A 20090507	KR20070109888 20071031	CHOI KANG HO [KR]	F03D1/04	Wind concentrating horizontal axis windmill
KR20090028972 A 20090320	KR20070094145 20070917	CHOI TAE YOING [KR]	F03D11/04 ; F03D1/00	Sea floating wind turbine apparatus for generating electricity with a widely distributed floating structure
KR20090035060 A	KR20070100109	CHOI WOI SU [KR]; TAE	F03D1/02 ; F03D7/02	Multi blade wind power generation system

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20090409	20071005	CHANG N E T CO LTD [KR]		
CN201209521Y Y 20090318	CN20082098679U 20080626	CHONGQING INST OF TECHNOLOGY [CN]	F03D9/00	Heating device by wind energy
CN201206532Y Y 20090311	CN20082077433U 20080603	CHOUDE ZHANG [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Pipe air pressure wind power remaining device
CO6050066 A1 20090630	TW20070146949 20071210; TW20080125609 20080707	CHU FU LIN [TW]	H02K49/00; H02K51/00	Sistema de generacion de electricidad conductora centrifuga para conservacion de energia
CN201180622Y Y 20090114	CN20082101941U 20080415	CHUANHUA ZHENG [CN]	F03D5/00 ; F03B13/14	Utilization and conversion apparatus of natural fluid kinetic energy
JP2009039692 A 20090226	JP20070210112 20070810	CHUGOKU ELECTRIC POWER	B08B1/04; F03D3/06	Cleaning apparatus of instrument
CN201184270Y Y 20090121	CN20072188310U 20071123	CHUNJIE LIU [CN]	F03D1/06	Chiba wind power generator wind wheel
DE102007043426 A1 20090319	DE200710043426 20070912	CL CARGOLIFTER GMBH & CO KGAA [DE]	B64B1/50; F03D11/04	Verfahren und Anordnung zum Transport von langgestreckten, sperrigen G³tern
FR2918418 A1 20090109	FR20070004854 20070705	CLEMENTE MARC ANDRE CLAUDE [FR]	F03D3/04 ; F03G7/10	Systeme de recuperation, canalisation et centralisation des courants d'air naturels ou ceux crees par le deplacement d'une unite de transports en vue de leur transformation en une energie electrique
KR20090005082 A 20090112	US20060785813P 20060325	CLIPPER WINDPOWER TECHNOLOGY I [US]	F03D11/00 ; H05K7/20	Thermal management system for wind turbine
MX2009000552 A 20090128	US20060832551P 20060721; WO2007IB01969 20070712	CLIPPER WINDPOWER TECHNOLOGY I [US]	F03D1/06 ; F03D7/02 ; F03D11/00	Retractable rotor blade structure.

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
NO20091757 A 20090504	US20060849160P 20061002; WO2007IB00648 20070315	CLIPPER WINDPOWER TECHNOLOGY INC [US]	F03D7/02 ; F03D7/00 ; F03D7/04	Vindturbin med bladstigningsstyring for a kompensere for vindskjaer og vindforskyving
GB2452787 A 20090318	RU20070000514 20070914	CLIVE BONNY [GB]; ALEKSEEVICH ALEKSANDER [RU]; TSAREV VIKTOR [RU]	F03D9/02	Power generation system
WO2009053924 A2 20090430	IT2007MI02061 20071025	COFRA EDITRICE DI LOGIUDICE GI [IT]; COSTARELLA FRANCESCO [IT]	F03B3/12; F03B11/00; F03D3/06 ; F03D11/00	Reaction diaphragm for fluido-dynamic machines and energy-producing plants obtained using such diaphragm
ES1070084U U 20090610	ES20090000302U 20090209	COLOM RIVERO GERMAN [ES]	F03D11/04	Carcasa de protectora para rotor tipo savonius
WO2009024714 A2 20090226	FR20070005607 20070801	CONCEPTION ET D EXPL DE PRODUI [FR]; ALBERTI ALAIN [FR]	F03D3/02 ; B63B35/44; F03D1/02 ; F03D3/00	Wind turbine with vertical axis
WO2009056156 A2 20090507	WO2007EP09466 20071031	CONERGY WIND GMBH [DE]; FISCHER FRANK [DE]	F03D9/00 ; F03D11/00	Wind-power system
MX2009001587 A 20090225	CN20061062135 20060816; WO2007CN02468 20070816	CONG YANG [CN]	F03D9/00	A combined wind and gas engine.
WO2009072116 A2 20090611	US20070996755P 20071204	CORIOLIS WIND INC [US]; SHEINMAN YEHOSHUA [IL]	F03D3/00 ; F03D1/06 ; F03D3/06	Turbine blade constructions particular useful in vertical-axis wind turbines
EP2017472 A2 20090121	ES20070002004 20070718	CORPORACION ZIGOR S A [ES]	F03D9/00 ; H02J3/38	A system for guaranteeing continuity of operation in wind turbine generators during voltage dips not exceeding a predetermined level

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DE102008055607 A1 20090514	MX20070013319 20071102	CORTINA CORDERO ALEJANDRO [MX]; CORTINA CORDERO JOSE PABLO [MX]; CORTINA ORTEGA JOSE PABLO [MX]	E04H12/12; E04H12/16; E04H12/34; F03D11/04	Pre-stressed concrete tower for wind-power generator, has pyramidal structure having triangular cross section provided with rounded vertices, where structure is stacked such that tower gradually narrows and ends into circular section
WO2009056898 A1 20090507	WO2007IB03319 20071102	CORTINA-CORDERO ALEJANDRO [MX]	E04H12/12; F03D11/04	Post-tensioned concrete tower for wind turbines
FR2924200 A1 20090529	FR20070008245 20071126	COSYNS JEAN PIERRE [FR]	F21S9/00; F03D3/00 ; F03D9/02	Dispositif d'eclairage et en particulier dispositif d'eclairage eolien
JP2009068440 A 20090402	JP20070238957 20070914	CSC LABO KK	F03B9/00; F03D5/02	Water mill or wind mill
GB2453937 A 20090429	GB20070020594 20071022	CT FOR SUSTAINABLE ENGINEERING [GB]	F03D5/06	Wind energy system for use in fluctuating airflow
KR20090055947 A 20090603	KR20070122842 20071129	DAEWOO SHIPBUILDING & MARINE [KR]	F03B13/12; F03D1/02	Offshore power generation equipment device
CN201250764Y Y 20090603	CN20082164979U 20080925	DAHUA DAI [CN]	F03D9/00	Generator integrated with wind power generation, solar generation and lighting rod
DE202009001714U U1 20090416	DE200920001714U 20090211	DAI JUNG CHIH [TW]	F03D3/06	Windrad
DE102008050777 A1 20090625	DE200810050777 20081008	DAIMLER CHRYSLER AG [DE]	B60J7/053; F03D5/04 ; F03D9/02	Energy storage mechanism for motor vehicle, has cross-beam running within hinged bonnet, where mechanism is rechargeable with energy by storage movement of bonnet and is designed for storing electricity or for storing kinetic energy
CN201225231Y Y 20090422	CN20082014549U 20080731	DALIAN HUARUI CO LTD [CN]	F03D7/00 ; F03D11/00 ; F16H3/62	Wind power generation yawing reduction gear box
EP2031245 A2 20090304	DE200710041649 20070903	DAUBNER & STOMMEL GBR BAU WERK [DE]	F03D1/06	Wind turbine blade and wind turbine

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US2009044535 A1 20090219	US20080263742 20081103; US20080195623 20080821; US20080035851 20080222; US20060472517 20060612	DAW SHIEN SCIENT RES AND DEV I [US]	F01K7/00; F01K27/00	Efficient vapor (steam) engine/pump in a closed system used at low temperatures as a better stirling heat engine/refrigerator
CN201196131Y Y 20090218	CN20082059006U 20080527	DAWEI YE [CN]	F03D3/06 ; F03D11/00	Vertical wind wheel
CN201180616Y Y 20090114	CN20072182869U 20071028	DAXIAN DENG [CN]	F03D3/00 ; F03D7/04	Bag type wind motor and its automatic steering device
WO2009030119 A1 20090312	CN20071146034 20070907	DE YUEJIN [CN]	F03D9/00 ; B60K16/00; B60L8/00	Wind powered system for generating electricity in a vehicle
DE202008013905U U1 20090115	DE200820013905U 20081017	DEBUS MARTIN [DE]; DEBUS REINOLD [DE]	F03D3/06	Kleinwindkraftanlage
CN201184281Y Y 20090121	CN20082032966U 20080314	DECHENG LIN [CN]	F03D9/00 ; F03D11/00 ; F23D21/00	Novel heat engine
CN101451501 A 20090610	CN20071195670 20071205	DEHENG WANG [CN]	F03D9/00	Motor vehicle system driven by wind power
WO2009037533 A2 20090326	US20070994741P 20070920	DEHLSEN ASSOCIATES L L C [US]; DEHLSEN JAMES G P [US]; GRIECO CHRISTOPHER J [US]; PEITZKE WILLIAM [US]	F03D9/00	Renewable energy fluid pump to fluid-based energy generation
US2009016878 A1 20090115	TW20070125037 20070710	DELTA ELECTRONICS INC	F03D11/04	Fan and frame thereof
WO2009042318 A1 20090402	US20070860888 20070925	DELTA T CORP [US]; AYNSLEY RICHARD M [US]; SMITH J CAREY [US]; FIZER RICHARD W [US]	F03D11/02	Cuffed fan blade modifications

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CN201255078Y Y 20090610	CN20082027397U 20080902	DESHENG XIA [CN]	F03D9/00	Wind-driven generator for power transmission tower
DE102007051048 A1 20090423	DE200710051048 20071016	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	F24F7/00; F02G1/02; F03D9/00	Anlage mit rõumlich verteilt angeordneten Wõrmequellen mit K³hlsystem und Verfahren zur K³hlung einer Anlage mit rõumlich verteilt angeordneten Wõrmequellen
CN201187411Y Y 20090128	CN20082053003U 20080429	DEYAO TANG [CN]	F03D7/04	Apparatus for actively controlling wind power generator paddle dynamic balance
CN201246282Y Y 20090527	CN20082301809U 20080812	DIHAI CHEN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D11/00	Wind power generation plant
BG109890 A 20090130	BG20070109890 20070611	DIMITROV DIMITUR [BG]; DIMITROV STEFAN [BG]; DIMITROV SIMEON [BG]; DIMITROV OGNYAN [BG]	F03D3/06 ; F03B17/06; F03D5/00	Method and device of a fluid-operated reciprocating motor
CN201215070Y Y 20090401	CN20082068317U 20080708	DINGFANG CHEN [CN]	F03D11/00 ; F16H1/28	Wind power generation speeder
US2009110540 A1 20090430	US20070928365 20071030	DISTRIBUTED ENERGY SYSTEMS COR [US]	F03D11/04 ; F03D7/02	Variable speed operating system and method of operation for wind turbines
RU2370663 C2 20091020	RU20070143036 20071120	DJADCHENKO NIKOLAJ PETROVICH [RU]	F03D3/06	Rotors-semi-cylinders of wind-powered plant
RU2367817 C1 20090920	RU20070148189 20071224	DJADCHENKO NIKOLAJ PETROVICH [RU]	F03D3/06	Windmill rotor
KR20090036789 A 20090415	KR20070102044 20071010	DO YOUNG WHAN [KR]; DO TAE WHAN [KR]	F03D7/04 ; F03D1/06	Blade angle control device for wind power generator
WO2009050663 A2 20090423	ES20070002708 20071016	DOMENECH BARCONS SALVADOR [ES]	F03D3/00	Driving force generating device
CN101371038 A 20090218	CN20051022381 20051223; WO2006CN00186 20060127	DONGFANG STEAM TURBINE CO LTD [CN]	F03D11/00 ; F03B11/00; F16H57/02	Combination type planetary supporter for wind power generation, wind power generation gear change mechanism and wind power generation plant

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CN101344073 A 20090114	CN20081045655 20080724	DONGFANG STEAM TURBINE CO LTD [CN]	F03D9/00 ; F03D7/00 ; H02P9/04	Variable-speed constant-frequency apparatus of wind generator set
CN101372938 A 20090225	CN20071045186 20070822	DONGGUAN C & G WIND POWER CO L [CN]	F03D1/06 ; F03D3/06	Vane
CN201202596Y Y 20090304	CN20082066872U 20080506	DONGGUAN YI AN ELECTRIC APPLIA [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Wind-driven generator
CN201190631Y Y 20090204	CN20082045181U 20080321	DONGGUAN YOUMEI POWER EQUIPMEN [CN]	F03D9/00 ; F21S9/02; F21S9/04; H02J7/00; H02J7/35; H02N6/00	Intelligent wind energy and solar power generation system
CN201180618Y Y 20090114	CN20082031883U 20080204	DONGXIAO ZHAN [CN]	F03D3/04 ; F03D9/00	Wind power generation plant
CN101408151 A 20090415	SG20070016868 20071009	DRAGON ENERGY PTE LTD [SG]	F03D3/00 ; E04D13/18; E04H5/02; F03D3/04	Wind energy conversion system
EP2048452 A1 20090415	SG20070016873 20071009	DRAGON ENERGY PTE LTD [SG]	F24J2/04; E04D13/08; F03D3/02 ; F03D3/04 ; F03D9/00 ; H01L31/048; H01L31/058	Roof based energy conversion system
DE202008014380U U1 20090409	DE200820014380U 20081029	DRECKMANN HANS JUERGEN [DE]; HACKMANN WERNER [DE]; HESSE MARKUS [DE]	F03D3/06 ; F03D9/00	Energieproduzierende Werbeanlage zweifl³gelig
DE202008014381U U1 20090409	DE200820014381U 20081029	DRECKMANN HANS JUERGEN [DE]; HACKMANN WERNER [DE]; HESSE MARKUS [DE]	F03D3/06 ; F03D9/00	Energieproduzierende Werbeanlage dreifl³gelig
DE202008014382U U1 20090409	DE200820014382U 20081029	DRECKMANN HANS JUERGEN [DE]; HACKMANN WERNER [DE]; HESSE MARKUS [DE]	F03D3/06 ; F03D9/00	Energieproduzierende Werbeanlage dreifl³gelig vertikal
CZ19339U U1 20090304	CZ20080020419U 20081015	DUERICH JIRI [CZ]	F03B7/00; F03B13/08; F03D1/04	Floating hydraulic engine

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CZ19574U U1 20090506	CZ20090020902U 20090223	DUERICH JIRI [CZ]	F03D1/06 ; F03D3/06	Air engine with self-rolling blades
CZ19260U U1 20090204	CZ20080020421U 20081015	DUERICK JIRI [CZ]	F03D3/04 ; F03D1/04	Compressed wind or ram air supercharged engine
CN101382119 A 20090311	CN20071154452 20070906	DUN GUO [CN]	F03D9/00	Cluster breeze power generation system
GB2454024 A 20090429	GB20070021212 20071023	DUNN PETER JOHN [GB]; EVDEMON HEATH HENRY [GB]	F03D5/06	Wind powered reciprocating device with passive blade angle control
GB2451644 A 20090211	GB20070015308 20070807	DUONG HENRI [US]	F03D3/04 ; B60L8/00; F03B7/00	Energy generation
GB2450684 A 20090107	GB20070012726 20070702	DYNAMIC WIND GENERATORS LTD [GB]	F03D1/04 ; F03D3/04	Windturbine in a built-up area
WO2009072892 A2 20090611	NO20070006266 20071205	DYNAVEC AS [NO]; HEZARI REZA [NO]; DAHLHAUG OLE GUNNAR [NO]	F03B3/12; F03B11/00; F03D11/00 ; F03D11/04	A device for a runner
JP2009047029 A 20090305	JP20070212204 20070816	E & E KK	F03D3/06 ; F03D11/00	Wind power generating device
JP2009047030 A 20090305	JP20070212220 20070816	E & E KK	F03D3/02 ; F03D3/06	Wind power generating device
JP2009047031 A 20090305	JP20070212221 20070816	E & E KK	F03D9/00 ; F03D3/02	Wind power generating device
JP2009138578 A 20090625	JP20070314188 20071205	E & E KK	F03D11/00 ; F03D1/06	Rotor supporting structure of horizontal axis wind turbine
JP2009114987 A 20090528	JP20070289721 20071107	E & E KK; NOBI SASH CO LTD	F03D3/06 ; F03D11/00	Bending method of darrieus vane for wind power generation
BRPI0702450 A2 20090113	BR2007PI02450 20070521	E D R B DO BRASIL LTDA [BR]	H02K19/16; F03D9/02 ; H02K9/04	Gerador síncrono multipolar e gerador síncrono para um conversor de energia eólica com dispositivo de refrigeração
BRPI0702466 A2 20090113	BR2007PI02466 20070521	E D R B DO BRASIL LTDA [BR]	F03D3/06	Aperfeiçoamento em dispositivo de ajuste das pás de um rotor

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DE102007036536 A1 20090205	DE200710036536 20070802	EADS DEUTSCHLAND GMBH [DE]	F03D1/06 ; F03D3/06	Rotorblatt f³r Windkraftanlagen
EP2034179 A1 20090311	WO2006JP311128 20060602	ECO TECHNOLOGY CO LTD [JP]	F03D3/06	Blades for wind wheel, wind wheel, and wind-driven electric power generator
JP2009103051 A 20090514	JP20070275522 20071023	ECO WIN KK	F03D3/06 ; F03D11/00	Windmill apparatus and wind power generator using the same
JP2009103052 A 20090514	JP20070275523 20071023	ECO WIN KK	F03D3/06 ; F03D11/00	Wind power generator
JP2009103053 A 20090514	JP20070275524 20071023	ECO WIN KK	F03D3/06 ; F03D9/00	Wind power generator
DE60320369T T2 20090625	GB20020000819 20020115; WO2003IB00510 20030115	ECOLE POLYTECH [CH]	G02B21/00; G02B26/00; F03D7/02 ; G02B21/06; G02B21/36	Abbildungsvorrichtung f_r mikroscopie und bilderzeugungsverfahren
EP2064443 A2 20090603	WO2007NL00235 20070920; NL20061032555 20060921	ECONCERN B V [NL]	F03D3/00 ; F03D3/06	Vertical-axis wind turbine and method for the production thereof
KR20090060987 A 20090615	KR20090045764 20090526	ECOSYSTEM CO [KR]	F03D7/06 ; F03D3/06 ; F03D9/00	Wing uses a centrifugal force, open close method cuts the venturator wind power generator control method
EP2053241 A1 20090429	EP20070119225 20071024	ECOTECNIA EN RENOVABLES S L [ES]	F03D11/02	Method for determining fatigue damage in a power train of a wind turbine
CN101389855 A 20090318	EP20060110461 20060227	ECOTECNIA S COOP C L [ES]	F03D1/00	Method and system for hoisting heavy parts onto a wind turbine
DE102007048588 A1 20090402	DE200710048588 20071001	EEW MASCHB GMBH [DE]	G05B19/4097; B23P23/02; G05B19/401	Verfahren zum Nachbearbeiten eines extern vorgefertigten Formteils
DK1617075T T3 20090414	EP20040016387 20040713	EICKHOFF MASCHINENFABRIK GMBH [DE]	F03D1/00	Fremgangsmõde og apparat til udskiftning af et drivvõrk i et vindkraftanlõg

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DK1659286T T3 20090223	EP20040027350 20041118	EICKHOFF MASCHINENFABRIK GMBH [DE]	F03D1/00 ; F15B15/06	T÷rneindretning til at drive en drivmotor og transmission i et vindkraftanlõg
WO2009062261 A1 20090522	AU20070906277 20071116; AU20070906280 20071116; AU20080904025 20080806	ELEMENTAL ENERGY TECHNOLOGIES [AU]; URCH MICHAEL JOHN [AU]	F03B3/10; F03B3/04; F03B13/10; F03B13/26; F03D1/00 ; F03D11/04	A power generator
US2009129953 A1 20090521	EP20040388063 20040917; WO2005DK00588 20050919	ELSAM AS [DK]	F04B17/02; F03D9/00 ; F03D9/02 ; F03D11/00	Pump, power plant, a windmill, and a method of producing electrical power from wind energy
GB2451670 A 20090211	GB20070015509 20070809	EMANS JOSEPH [GB]	F03D3/06 ; F03D3/00 ; F03D7/06	A fluid driven rotor
CN201225238Y Y 20090422	CN20082079613U 20080328	ENCAN ZHU [CN]	F03D9/02 ; F03D1/04 ; F03D11/00	Apparatus for generating electricity by atmosphere pressure difference
ES2313854 A1 20090301	ES20080002121 20080716	ENCOFRADOS INTERNACIONALES TER [ES]	F03D9/00	Dispositivo multifuncional de generacion de energia electrica, agua caliente sanitaria y climatizacion
CN101410617 A 20090415	US20060763577P 20060131; US20060407733 20060420; US20060834232P 20060728; WO2007US02706 20070131	ENIS BEN M [US]	F03D9/00 ; H02P9/04	Improved method of transporting and storing wind generated energy using a pipeline
WO2009052202 A2 20090423	US20070974685 20071015	ENVIRONMENTAL ENERGY SYSTEMS I [US]; DAVISON FRED E [US]; DAVISON GARY [US]	F03D5/00 ; F03B13/00; F03B17/00; F03D9/00	Wind and water power generation device using a tiered monorail system

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CN101457742 A 20090617	CN20071195359 20071213	ENZONG YE [CN]	F03D9/00	Vertical axis magnetic floating wind power generator
EP2041429 A1 20090401	WO2007FR01161 20070706; FR20060006368 20060712	EOLE OVERSEAS COMPANY LTD [CY]	F03D1/00 ; F03D11/00	Device and method for rapidly dismantling the rotor and the nacelle from a wind turbine mast, and wind turbine provided with such device
GB2452207 A 20090225	WO2007GB01843 20070517; GB20060009799 20060518	EPL COMPOSITE SOLUTIONS LTD [GB]	F03D1/06 ; F03D11/04	A turbine blade support assembly
CN101338727 A 20090107	ES20070001738 20070622	ERICSSON TELEFON AB L M [ES]	F03D1/06 ; F03D7/04	Wind turbine blade with deflection flap
DE602005005200TT2 20090319	ES20040001366 20040604; WO2005ES70078 20050601	ESDRAS AUTOMATICA S L [ES]	F03D7/00 ; F03D7/02	System zur windturbinenenergiesteuerung, bestehend aus der -nderung des koeffizienten und der grísse der fl_gelfl-chen
ES2318988 A1 20090501	ES20060002265 20060830	ESTEPA GARCIA VICTOR [ES]	F03D3/06	Aerogenerador
WO2009076704 A1 20090625	AU20070906962 20071219	ETERGEN LTD [AU]; KWOK JAMES [AU]	E02B9/08; F03B13/16; F03B13/22; F03D3/02 ; F03G3/08; F16D43/06	Apparatus for power generation using wave and wind energy
DE202008008502UU1 20090102	DE200820008502U 20080627	ETEZADZADEH JASMIN JEANNEMARIE [DE]	F03D9/00 ; F03D1/04 ; F03D3/04	Windfõngerkamin / Windfõngerschornstein oder gattungsmõssiger Art zur Energiegewinnung
FR2924182 A1 20090529	FR20080001994 20080411; FR20070008203 20071123	ETIENNE PATRICK MARIE [FR]	F03D3/06 ; F03D7/06	Moteur eolien a pales orientables
CA2638146 A1 20090203	DE200710036771 20070803	EVONIK GOLDSCHMIDT GMBH [DE]	F16N15/00; C10M171/00; F03D11/00 ; F16H57/04	Use of ionic liquids for the lubrication of components in wind power plants
DE102007033120 A1 20090115	DE200710033120 20070713	EVONIK ROEHM GMBH [DE]	B29C70/00; B29C70/14; C08J9/06; C08L33/20; C08L33/24; F03D1/06 ;	Verbesserte Stumpfstossverbindungen f³r Kernwerkstoffe

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			F03D3/06	
EP2011924 A2 20090107	DE200720009474U 20070705	F & Z BAUGMBH [DE]; AARSLEFF AS [DK]	E02B17/02; F03D11/04	Offshore platform
EP2028371 A1 20090225	DE200710040036 20070824	FACHHOCHSCHULE KIEL [DE]	F03D11/00 ; G01W1/12	Device and method for measuring repetitive shading
DE102007032843 A1 20090115	DE200710032843 20070712	FAERBER WILFRIED [DE]	F03D1/04 ; F03D9/00	Wind generator roller has axial lamellae arranged in gently sloping spiral with respect to roller axis, producing same effect whichever side of roller wind blows on
DE202007018751U U1 20090326	DE200710020483 20070427	FALKENHAGEN JOACHIM [DE]	E04H12/00; E02B17/00; E06C9/02; F03D11/04	Zugang zu einer Offshore-Tragstruktur
DE102007035724 A1 20090205	DE200710035724 20070730	FALKENHAGEN JOACHIM [DE]	F03D7/00	Method for regulating and power guidance of wind energy unit
DE69839094T T2 20090129	US19970062620P 19971022; US19970070044P 19971230; US19980133284 19980812; WO1998US22432 19981022	FALLBROOK TECHNOLOGIES INC [US]	F16H15/26; B62M11/12; F16H15/28; F16H61/664	Stufenloses verstellbares geh-use

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US2009127863 A1 20090521	US20010823620 20010330; US20010016116 20011030; US20000695757 20001024; US20020141652 20020507; US20030418509 20030416; US20040006409 20041206; US20070694107 20070330; US20080100305 20080409; US20090360006 20090126; US19970070044P 19971	FALLBROOK TECHNOLOGIES INC [US]	F03D9/00 ; F16H15/04	Continuously variable transmission
CN101463800 A 20090624	CN20071115879 20071218	FANGKAI LI [CN]	F03D9/00	Tower type aerogenerator
CN101377185 A 20090304	CN20081034915 20080320	FANZHENG KONG [CN]	F03D3/04	Method of power generation for digging through the high cavern as chimney to pump upflow
MX2009000739 A 20090130	US20060807828P 20060720; US20060826927P 20060926; US20060864792P 20061108; WO2007IL00348 20070318	FARB DANIEL [IL]	G01T1/29	Flow deflection devices and method for energy capture machines.

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
WO2009047676 A2 20090416	US20070978119P 20071007; US20070991789P 20071203	FARB DANIEL [IL]	F03B15/14	Small wave turbine system configurations
WO2009047679 A2 20090416	US20070978119P 20071007; US20080028545P 20080214; US20080058235P 20080603; US20080089914P 20080819	FARB DANIEL [IL]	F03B15/14	Support of flow deflection devices in wind turbines
WO2009072047 A2 20090611	US20070991789P 20071203; US20070017816P 20071231; US20080028545P 20080214; US20080043138P 20080408; US20080058235P 20080603	FARB DANIEL [IL]	F03D7/02	Systems for reciprocal motion in wave turbines
WO2009072048 A2 20090611	US20070991789P 20071203; US20070017816P 20071231; US20080037011P 20080317; US20080058235P 20080603	FARB DANIEL [IL]	F03B1/02	Construction of an in-pipe turbine
WO2009072013 A2 20090611	US20070991789P 20071203; US20080058235P	FARB DANIEL [IL]	F03B1/02	Stabilization of turbines in water

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	20080603			
EP2013472 A2 20090114	WO2007IL00523 20070429; US20060746375P 20060504; US20060805875P 20060627; US20060807489P 20060716; US20060826927P 20060926; US20060866070P 20061116; US20070908693P 20070323	FARB DANIEL [IL]	F03D9/00 ; F03D5/06	Return and limited motion in energy capture devices
EP2032839 A2 20090311	WO2007IL00770 20070625; US20060805875P 20060627; US20060823256P 20060826; US20060826927P 20060926; US20060864792P 20061108; US20070908693P 20070323	FARB DANIEL [IL]	F03B7/00; F03B11/02	Benkatina hydroelectric turbine
RU2362047 C2 20090720	RU20070131628 20070820	FEDERAL NOE G OBRAZOVATEL NOE [RU]	F03D5/00	Wind-driven electric plant
CN101446271 A 20090603	CN20081237303 20081226	FEIFEI QIAO [CN]	F03D9/00	Tower-type wind generating set

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CN101446272 A 20090603	CN20081237304 20081226	FEIFEI QIAO [CN]	F03D9/00	Single-windmill, single-motor, vertical-wheel and multi-stage wind power tower
CN101451505 A 20090610	CN20081237306 20081226	FEIFEI QIAO [CN]	F03D9/00	Double windmill double generator fan structure and power tower stacked by the same
CN101387268 A 20090318	CN20071009498 20070910	FEIRAN ZHANG [CN]	F03D9/00 ; F03B13/14; H02K7/18	Wave force changing double-wind direction wind power plant
CN201180625Y Y 20090114	CN20082069351U 20080204	FEIYANG QIAO [CN]	F03D9/00 ; F03D3/02 ; F03D7/06 ; F03D11/00 ; H02K7/18; H02K16/02	H sail wing shaped three-group windmill retrograde rotation generator set
CN101403372 A 20090408	CN20081218901 20081105	FENG KEJIAN [CN]	F03D9/00 ; H02K1/16; H02K1/27	Miniature wind power generation system
ES1069772U U 20090506	ES20080002563U 20081216	FERNANDEZ GOICOECHEA ANTONIO [ES]; MEDINA SANCHEZ EDUARDO; VILLADA VALLEJO JOSE ANTONIO	F03D11/00	Aerogenerador para estaciones de telecomunicaciones
US2009001731 A1 20090101	EP20060425549 20060731	FIAT RICERCHE [IT]	F03D1/02	Electric generator device actuated by a fluid flow
NO20084812 A 20090115	FI20060005237 20060418; WO2007FI50197 20070416	FINN ESCONE OY [FI]	F03B13/16; F03D5/04	Arrangement for gjenvinning av energi
CN101454566 A 20090610	GB20060006652 20060401	FIREWINDER COMPANY LTD [GB]	F03D9/00	Fluid driven rotor with lights

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DE60224582T T2 20090108	JP20010381532 20011214; JP20010397751 20011227; JP20020013467 20020122; JP20020081690 20020322; JP20020109567 20020411; JP20020149077 20020523; JP20020202769 20020711; JP20020218731 20020726; JP20020225177 20020801; JP20020349939 20021202; WO2002JP1306	FJC HAMAKITA KK [JP]; SUZUKI MASAHIKO [JP]; GLOBAL ENERGY CO LTD [JP]	F03D3/06 ; F03D11/04 ; F03D3/00 ; F03D9/00 ; F03D9/02 ; F03D11/00 ; F03D11/02	Windenergieerzeuger, windm_hle und spindel und schaufel f_r die windm_hle
WO2009061478 A1 20090514	US20070001999P 20071106	FLEXSYS INC [US]; KOTA SRIDHAR NMN [US]; ERVIN GREGORY F [US]; MARIC DRAGAN NMN [US]; ERVIN JAMES D [US]; KEBERLY PAUL W [US]	F03B3/12; F03B7/00; F03D11/02	Active control surfaces for wind turbine blades
WO2009036107 A2 20090319	US20070972099P 20070913; US20080019117P 20080104	FLOATING WINDFARMS CORP [US]; PAO YIH-HO MICHAEL [US]	F03D3/00 ; F03D11/04	Offshore vertical-axis wind turbine and associated systems and methods
US2009097964 A1 20090416	US20080236283 20080923; US20070919588P	FLODESIGN WIND TURBINE CORP [US]	F03D1/04 ; F03D11/00	Wind turbine with mixers and ejectors

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	20070323; US20080054050 20080324			
ES2312255 A1 20090216	ES20060001498 20060525	FLORES LUMBRERAS LORENZO [ES]	F03D3/04	Torre de tarnsformacion de energia eolica
CN101389967 A 20090318	DK20040000494 20040326	FORSKNINGSCT RISO [DK]	G01P13/02; F03D7/02 ; F03D11/00 ; G01P5/00; G01P5/06; G01P5/14; G01P5/165	Method and apparatus to determine the wind speed and direction experienced by a wind turbine
NO20075950 A 20090520	NO20070005950 20071119	FOSS STEIN R [NO]	F03D3/02	Metode for vindmaling ved gyromoller
NO20075951 A 20090520	NO20070005951 20071119	FOSS STEIN R [NO]	F03D7/02	Metode for vindmaling ved propellturbiner
US2009103264 A1 20090423	CN20071123989 20071019	FOXCONN TECH CO LTD [TW]	H05K7/20	Heat dissipation device and electronic device with the same
EP2024637 A1 20090218	WO2007FR00914 20070601; FR20060005056 20060607	FR DES ALIZES SOC [FR]	F03D11/04 ; F03D7/02	Wind turbine with an articulated mast
DE102007044655 A1 20090326	DE200610062749 20060919; DE200710044655 20070918	FRANETZKI MANFRED [DE]	F03D9/00	Drachen-kraftwerk
DE202009001771U U1 20090416	DE200920001771U 20090211	FRANZ ROTHLEHNER GMBH [DE]	F03D9/00 ; F03D11/00	Integriertes windrotorsystem "iws"
DE102007059502 B3 20090312	DE200710059502 20071207	FRAUNHOFER GES FORSCHUNG [DE]	G01M13/00	Verfahren zum Pr³fen eines Rotorblatts einer Windkraftanlage und Pr³fvorrichtung
BRPI0519289 A2 20090106	US20040639200P 20041227; WO2005US46424 20051222	FRIESTH KEVIN [US]	F03D9/00 ; H02P9/04	Dispositivos geradores de energia para controle de fluxo de ar

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CN201246272Y Y 20090527	CN20082117487U 20080613	FUHONG YANG [CN]	F03D3/06 ; F03D9/00 ; F03D11/00	Arc-shaped hook blade structure of vertical shaft windmill
CN201215069Y Y 20090401	CN20082126915U 20080620	FUHONG YANG [CN]	F03D9/00 ; F03D7/04	Wind-driven generator for automatically adjusting blade windward angle
CN201176909Y Y 20090107	CN20082002536U 20080119	FUJIANG XU [CN]	F03D9/00 ; F03D3/06	Vertical shaft wind power generator
JP2009019622 A 20090129	JP20070183703 20070615; JP20080147435 20080507	FUKUI AKIZO	F03D7/06 ; F03D3/06	Variable blade type darrieus wind turbine
CN201212456Y Y 20090325	CN20082112218U 20080528	FUKUTA ELEC & MACH CO LTD [CN]	F03D9/00 ; F03D3/00 ; F03D3/06	Outward turning directly-driving wind power generator structure
ES2321259 A1 20090603	ES20070000570 20070305	FUNDACION CIRCE CT DE INVESTIG [ES]; INSTRUMENTACION Y COMPONENTES	F03D7/04	Sistema de medida para el ensayo de curva de potencia y calidad de red en aerogeneradores, asi como calidad de suministro electrico.
RU2347103 C1 20090220	RU20070115951 20070426	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D3/00	Rotor wind power unit with full-rotating blades
RU2349792 C1 20090320	RU20070122229 20070613	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D1/02 ; F03D1/04	Solar-wind power generating plant
RU2345249 C1 20090127	RU20070124234 20070627	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/00	Wind electric generator of segment type
RU2351797 C1 20090410	RU20070124235 20070627	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D5/00	Segment-type windmill
RU2351796 C1 20090410	RU20070124236 20070627	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D7/06	Windmill
RU2343309 C1 20090110	RU20070126196 20070709	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D5/04	Wind-driven electric power station
RU2345250 C1 20090127	RU20070127748 20070719	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/00	Wind electric generator of segment type

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RU2347105 C1 20090220	RU20070127750 20070719	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/02	Wind electric generator of segment type
RU2358152 C1 20090610	RU20070135963 20070927	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D11/00	Wind-driven power plant
RU2358147 C1 20090610	RU20070135964 20070927	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D3/04	Wind-powered engine
RU2354895 C1 20090510	RU20070137338 20071008	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/00 ; F24J2/00	Solar-wind desalinator
RU2358150 C1 20090610	RU20070139348 20071023	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D9/00	Rotor of wind-powered electric generator
RU2361111 C1 20090710	RU20070139350 20071023	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D3/00	Wind-driven power plant
RU2359150 C1 20090620	RU20070147110 20071217	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	F03D1/00	Throttle device of electric power plant
CN101410618 A 20090415	ES20060000801 20060328	GAMESA CORPORACION TECNOLOGICA [ES]	F03D11/04 ; E04H12/18; E04H12/34	Lifting tool for mounting a wind-power generator
US2009003957 A1 20090101	ES20070000850 20070330	GAMESA INNOVATION & TECH SL	B61D3/16	Support for the transport of blades
US2009116962 A1 20090507	ES20070002442 20070914	GAMESA INNOVATION & TECH SL	F03D7/00	Sensorised blade joint
EP2060785 A1 20090520	EP20070022192 20071115	GAMESA INNOVATION & TECH SL [ES]	F03D7/02 ; F03D7/04 ; F03D11/00	Method and system for operating sensor
EP2017936 A1 20090121	EP20070380213 20070716	GAMESA INNOVATION & TECH SL [ES]	H02J3/00; F03D9/00	Wind power system and method of operating it
ES2316200 A1 20090401	ES20040003040 20041221	GAMESA INNOVATION & TECH SL [ES]	F03D1/00 ; F03D11/00	Aerogenerador con grua desmontable y pescante auxiliar y procedimiento de montaje de dicha grua
ES2315042 A1 20090316	ES20040003112 20041215	GAMESA INNOVATION & TECH SL [ES]	F03D1/00 ; F03D11/04	Sistema de retirada de la capota de un aerogenerador.
ES2317715 A1 20090416	ES20050000915 20050405	GAMESA INNOVATION & TECH SL [ES]	F03D1/00 ; B65D90/12	Util de apoyo para el transporte de los tramos de la torre de un aerogenerador.

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US2009019791 A1 20090122	ES20050000916 20050405; WO2006ES00148 20060328	GAMESA INNOVATION & TECH SL [ES]	E04H9/14; F03D11/04	Tool for Preventing the Vortex Effect
ES2317716 A1 20090416	ES20050001340 20050603	GAMESA INNOVATION & TECH SL [ES]	F03D11/04 ; E04H12/10	Torre para aerogeneradores
ES2318925 A1 20090501	ES20050002304 20050922	GAMESA INNOVATION & TECH SL [ES]	F03D1/06 ; F03D11/00	Aerogenerador con un rotor de palas que reduce el ruido.
CN101375052 A 20090225	ES20060000099 20060117	GAMESA INNOVATION & TECH SL [ES]	F03D11/02	Wind turbine with fully integrated multiplier
CN101410615 A 20090415	ES20060000816 20060329	GAMESA INNOVATION & TECH SL [ES]	F03D7/00	Anti-noise wind-powered generator
ES2321252 A1 20090603	ES20060001673 20060621	GAMESA INNOVATION & TECH SL [ES]	F03D7/02	Union rotativa para aerogeneradores.
ES2310958 A1 20090116	ES20060002347 20060915	GAMESA INNOVATION & TECH SL [ES]	F03D1/00 ; F03D7/00 ; F03D11/00	Pala de aerogenerador optimizada
ES2322000 A1 20090615	ES20060003165 20061214	GAMESA INNOVATION & TECH SL [ES]	F03D1/04	Un metodo para montar el rotor de un aerogenerador.
EP2028366 A2 20090225	ES20070001494 20070531	GAMESA INNOVATION & TECH SL [ES]	F03D1/06 ; F03D3/06	Wind turbine blade with anti-noise devices
CN101350527 A 20090121	ES20070001985 20070716	GAMESA INNOVATION & TECH SL [ES]	H02J3/38; F03D9/00 ; H02J3/40; H02K17/42; H02K21/00; H02P9/00; H02P9/48	Variable speed drive system
CN101354008 A 20090128	ES20070002050 20070723	GAMESA INNOVATION & TECH SL [ES]	F03D1/06 ; F03D7/04	Wind turbine blade with cambering flaps
CN101387264 A 20090318	ES20070002454 20070914	GAMESA INNOVATION & TECH SL [ES]	F03D1/06 ; F03D7/04	Wind turbine blade with cambering flaps controlled by surface pressure changes
ES2320082 A1 20090518	ES20070003032 20071116	GAMESA INNOVATION & TECH SL [ES]	F03D11/02 ; F16H1/46; F16H57/02	Transmision de alta relacion numerica para un aerogenerador

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ES2320962 A1 20090602	ES20070003158 20071128	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	Perfil aerodinamico para la raiz de una pala de aerogenerador con doble borde de ataque
EP2022979 A1 20090211	WO2007ES00312 20070529; ES20060001444 20060531	GAMESA INNOVATION & TECH SL [ES]	F03D1/06 ; F03D7/02 ; F03D11/00	Wind generator blade with divergent trailing edge
EP2026446 A2 20090218	WO2007ES00313 20070529; ES20060001426 20060530	GAMESA INNOVATION & TECH SL [ES]	H02K1/16; F03D11/00	Use of oriented grain rolling in a wind turbine generator
EP2022981 A1 20090211	WO2007ES00314 20070529; ES20060001445 20060531	GAMESA INNOVATION & TECH SL [ES]	F03D7/04 ; G01P5/26; G01S17/95; G01W1/00	Method of functioning of aerogenerator
EP2028744 A1 20090225	WO2007ES70115 20070612; ES20060001601 20060614	GAMESA INNOVATION & TECH SL [ES]	H02K1/27; F03D11/00	Low-inertia permanent-magnet electrical machine rotor
EP2072815 A1 20090624	WO2007ES70173 20071009; ES20060002592 20061011	GAMESA INNOVATION & TECH SL [ES]	F03D7/02	System for rotating a wind turbine blade
WO2009037372 A1 20090326	ES20070002481 20070919	GAMESA INNOVATION & TECH SL [ES]; CHRISTENSEN MOGENS [DK]; REBSDORF ANDERS [DK]	F03D1/00	Wind turbine installation method and tool
CA2646740 A1 20090619	EP20070076110 20071219	GAMESA INNOVATION & TECH SL [ES]; HANSEN TRANSMISSIONS INT [BE]	F16H57/08; F03D11/00 ; F16H1/28; F16H57/02	A planet carrier of a planetary stage with a bogie plate
WO2009056664 A1 20090507	ES20070002845 20071029	GAMESA INNOVATION & TECH SL [ES]; MOGENS CHRISTENSEN [DK]	F03D9/00 ; F03D11/00	Improved power train for a wind turbine

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US2009031668 A1 20090205	ES20050002259 20050916; WO2006ES00516 20060914	GAMESA INNOVATION AND TECHNOLO [ES]	F03D11/04 ; B23P11/00; E04H12/00	Method of Mounting Elements Inside a Wind Generator Tower
CN101349239 A 20090121	CN20081082854 20080227	GANG CHEN [CN]	F03D3/06	Vertical shaft wind wheel
KR20090000984 A 20090108	KR20070064982 20070629	GANG SEUNG GOO [KR]	F03D3/06 ; F03D3/02	Vertical axis wind mill with variable wings
CN201190930Y Y 20090204	CN20082034176U 20080416	GAOYOU JINYANG LAMP CO LTD [CN]	F21S8/08; F03D1/00 ; F21S9/03; F21S9/04; F21V23/00; F21V31/00	Scene complementary road lamp
ES1070126U U 20090615	ES20090000688U 20090407	GARCIA BOZA JOSEP [ES]	F03D11/04	Generador electrico
ES2319154 A1 20090504	ES20070001994 20070717	GARCIA CASTRO FCO JAVIER [ES]; MANSO GARCIA JUAN JOSE	F03D1/06 ; B29C70/86; B64C11/16	Perfeccionamientos introducidos en el objeto de la patente numero p200701994 relativa a un procedimiento para la fabricacion de palas eolicas
WO2009010618 A1 20090122	ES20070001994 20070717; ES20070002636 20071008	GARCIA CASTRO FRANCISCO JAVIER [ES]; MANSO GARCIA JUAN JOSE [ES]	F03D1/06 ; B29C70/86; B64C11/16	Method for manufacture of wind vanes
CN201206530Y Y 20090311	CN20082010311U 20080117	GE CHEN [CN]	F03D9/00 ; F03D1/04 ; F03D1/06 ; F03D7/04	High-efficiency wind energy generating set
US2009074585 A1 20090319	US20070857844 20070919	GEN ELECTRIC	F03D11/00 ; F01D5/14	Wind turbine blades with trailing edge serrations
US2009097976 A1 20090416	US20070872239 20071015	GEN ELECTRIC	F03D7/00 ; F01D5/14; F03D9/00	Active damping of wind turbine blades
US2009120830 A1 20090514	US20070938849 20071113	GEN ELECTRIC	B65D81/07; B65D85/68; F03D11/00	System for containing and/or transporting wind turbine components
US2009140526 A1 20090604	US20070947052 20071129	GEN ELECTRIC	H02K1/27; F03D9/00 ; H02K1/12; H02K7/18;	Stator and stator tooth modules for electrical machines

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			H02K16/02	
US2009148300 A1 20090611	US20070953314 20071210	GEN ELECTRIC	F03D11/00	Modular wind turbine blades with resistance heated bonds
EP2019204 A1 20090128	EP20070113032 20070724	GEN ELECTRIC [US]	F03D11/00 ; F03D1/06	Wind turbine protection
DK200800942 A 20090125	EP20070113032 20070724; US20080058018 20080328	GEN ELECTRIC [US]	F03D11/00	Wind turbine protection
EP2063118 A2 20090527	US20060565229 20061130	GEN ELECTRIC [US]	F03D9/00	Method and system to facilitate cooling turbine engines
DK200801619 A 20090608	US20070001069 20071207	GEN ELECTRIC [US]	F03D1/06 ; F03D11/00	Method and apparatus for fabricating wind turbine components
CN101338726 A 20090107	US20070731716 20070330	GEN ELECTRIC [US]	F03D1/00 ; F03D11/00 ; F03D11/04	Low cost rail-transportable wind turbine tower
EP2015082 A2 20090114	US20070764641 20070618	GEN ELECTRIC [US]	G01P21/02; F03D7/02 ; G01P5/02	Anemometer calibration method and wind turbine
CN101338733 A 20090107	US20070766218 20070621	GEN ELECTRIC [US]	F03D9/00	Gear integrated generator for wind turbine
DE102008002897 A1 20090102	US20070823017 20070625	GEN ELECTRIC [US]	F03D1/06 ; F03D7/02 ; F03D11/00	Leistungsverlustreduzierung in turbulentem Wind f³r eine Windkraftanlage unter Einsatz lokalisierter Erfassung und Steuerung
DK200800915 A 20090113	US20070827532 20070712	GEN ELECTRIC [US]	F03D3/06	Wind turbine blade tip vortex breakers
DK200801060 A 20090203	US20070832717 20070802	GEN ELECTRIC [US]	F03D11/00 ; F03D1/06	Vindturbinebladdrõning
CN101363420 A 20090211	US20070836976 20070810	GEN ELECTRIC [US]	F03D11/00	Event monitoring via combination of signals
US2009045627 A1	US20070838438	GEN ELECTRIC [US]	F03D9/00 ; F16D3/00	Wind turbine assemblies and slip ring assemblies

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20090219	20070814			for wind blade pitch control motors
CN101372940 A 20090225	US20070841270 20070820	GEN ELECTRIC [US]	F03D7/02 ; H02P9/00	Method and system for providing electrical power to a wind turbine system
CN101377186 A 20090304	US20070845277 20070827	GEN ELECTRIC [US]	F03D9/00 ; F03D1/00 ; F03D11/00 ; F16H3/62	Integrated medium-speed geared drive train
DK200801158 A 20090314	US20070854867 20070913	GEN ELECTRIC [US]	F03D11/04 ; F03D1/06	Jig and fixture for wind turbine blade
DK200801289 A 20090318	US20070856181 20070917	GEN ELECTRIC [US]	F03D11/04 ; F03D1/06	System and method for joining turbine blades
US2009079191 A1 20090326	US20070861759 20070926	GEN ELECTRIC [US]	H02P9/04; F03D9/00 ; H02H7/16	Electric power generation with magnetically geared machine
DK200801308 A 20090328	US20070862218 20070927	GEN ELECTRIC [US]	B64C11/20; F03D1/06	Wind turbine blade molds
DK200801307 A 20090328	US20070862520 20070927	GEN ELECTRIC [US]	F03D1/06 ; F03D11/04	Wind turbine spars with jointed shear webs
US2009085354 A1 20090402	US20070863352 20070928	GEN ELECTRIC [US]	F03D9/00 ; H02P6/10; H02P9/00; H02P9/14	System and method for controlling torque ripples in synchronous machines
CA2639829 A1 20090409	US20070869011 20071009	GEN ELECTRIC [US]	G01P5/00; F03D11/00 ; G01P5/14; G01P5/24; G01P13/02	Wind turbine metrology system
CA2640276 A1 20090411	US20070870949 20071011; US20070965594 20071227	GEN ELECTRIC [US]	F03D11/04 ; C09J9/00	Wind tower and method of assembling the same
CA2639768 A1 20090412	US20070871196 20071012	GEN ELECTRIC [US]	F03D11/00 ; F24J3/08	Wind turbine geothermal heating and cooling system
US2009099702 A1 20090416	US20070872762 20071016	GEN ELECTRIC [US]	F03D7/00 ; G06F19/00	System and method for optimizing wake interaction between wind turbines
CN101354316 A 20090128	US20070881608 20070727	GEN ELECTRIC [US]	G01M15/00; G01M19/00	Fleet anomaly detection method
CN101368541 A	US20070891870	GEN ELECTRIC [US]	F03D7/04	System and method for loads reduction in a

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20090218	20070813			horizontal-axis wind turbine using upwind information
CA2642403 A1 20090515	US20070940977 20071115	GEN ELECTRIC [US]	E04H12/00	Methods and systems for assembling a tower
US2009128402 A1 20090521	US20070943815 20071121	GEN ELECTRIC [US]	G01S1/00	Wind turbine with data receiver
CN101446261 A 20090603	US20070947865 20071130	GEN ELECTRIC [US]	F03D1/00	Wind energy system having an insect sensor
US2009139799 A1 20090604	US20070947907 20071130	GEN ELECTRIC [US]	F16H57/04; F16H57/08	Textured surfaces for gears
DK200801620 A 20090531	US20070947939 20071130	GEN ELECTRIC [US]	F03D1/06 ; F03D3/06 ; F03D11/00	Wind turbine blade stiffeners
DK200801655 A 20090606	US20070950976 20071205	GEN ELECTRIC [US]	B29C70/68; B29C70/72	Fiber composite half-product with integrated elements, manufactoring method therefor and use thereof
DK200801654 A 20090607	US20070951362 20071206	GEN ELECTRIC [US]	F03D1/06	Multi-section wind turbine rotor blades and wind turbines incorporating same
DK200801652 A 20090607	US20070951366 20071206	GEN ELECTRIC [US]	F03D1/06 ; F03D3/06 ; F03D7/02	Multi-section wind turbine rotor blades and wind turbines incorporating same
EP2067991 A2 20090610	US20070951650 20071206	GEN ELECTRIC [US]	F03D11/00	Active damper against generator base frame vibrations
CN101451497 A 20090610	US20070952055 20071206	GEN ELECTRIC [US]	F03D7/04	System and method for controlling a wind power plant
EP2067988 A2 20090610	US20070952073 20071206	GEN ELECTRIC [US]	F03D7/02 ; F03D7/04	Apparatus and method for reducing asymmetric rotor looads in wind turbine shutdown
CN101459830 A 20090617	US20070954959 20071212	GEN ELECTRIC [US]	H04N7/18	Wind turbine maintenance system
DK200801727 A 20090614	US20070955728 20071213	GEN ELECTRIC [US]	F03D11/00	Wind turbine blade joint bonding grid
US2009155609 A1 20090618	US20070958446 20071218	GEN ELECTRIC [US]	C04B35/505; B32B15/04; C04B35/50	Wetting resistant materials and articles made therewith

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US2009155566 A1 20090618	US20070958453 20071218	GEN ELECTRIC [US]	C01F17/00; B32B3/26	Wetting resistant materials and articles made therewith
DK200801725 A 20090620	US20070959503 20071219	GEN ELECTRIC [US]	F03D1/06	Multi-segment wind turbine blade and method for assembling the same
DK200801726 A 20090620	US20070959506 20071219	GEN ELECTRIC [US]	F03D1/06	Multi-segment wind turbine blade and method for assembling the same
CN101463798 A 20090624	US20070959540 20071219	GEN ELECTRIC [US]	F03D7/02	Braking and positioning system for a wind turbine rotor
CN101465552 A 20090624	US20070959831 20071219	GEN ELECTRIC [US]	H02J3/38	Control system and method for operating a wind farm in a balanced state
DK200801724 A 20090621	US20070961311 20071220	GEN ELECTRIC [US]	F03D1/06	Wind turbine blade stowage
DK200801749 A 20090622	US20070962874 20071221	GEN ELECTRIC [US]	F03D1/06 ; F03D11/04	Structure and method for self-aligning rotor blade joints
CA2647118 A1 20090626	US20070964196 20071226	GEN ELECTRIC [US]	E02D33/00; F03D11/00 ; G01L1/12	Magnetostrictive measurement of tensile stress in foundations
CA2647750 A1 20090627	US20070964967 20071227	GEN ELECTRIC [US]	F03D11/04	Forward leaning tower top section
DK200801826 A 20090628	US20070965036 20071227	GEN ELECTRIC [US]	F03D1/06	Adaptive rotor blade for a wind turbine
CA2647120 A1 20090628	US20070966080 20071228	GEN ELECTRIC [US]	F03D11/00 ; C09J5/00; F03D11/04	Gluing of wind turbine internals to structural components
US2009035136 A1 20090205	US20080249468 20081010; US20060424907 20060619	GEN ELECTRIC [US]	F03D7/00 ; F01D5/02; F16F15/32	Methods and apparatus for balancing a rotor
CN101392728 A 20090325	CN20081067923 20080619	GENLIANG LIU [CN]	F03D9/00	Solar heat air generating set
BRPI0703486 A2 20090331	BR2007PI03486 20070815	GERAIS DE RANGEL JOAO BATISTA [BR]	F03D3/06	Turbina vertical cibernética

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GR1006432 B1 20090612	GR20080100425 20080624	GERASIMIDIS GERASIMOS	F03G6/04; F03D1/04 ; F03D9/00 ; F24J2/05	Vertical- shaft wind power generator
DE102007057919 A1 20090604	DE200710016756 20070407; DE200710057919 20071201	GERNANDT REINHOLD [DE]	F03D1/02	Windkraftanlage mit hintereinander angeordneten Rotoren auf horizontalen Wellen und drehendem Turm zur Kraft³bertragung
CN201184272Y Y 20090121	CN20082057212U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D7/06 ; F03D9/00	Wind duct type wind power generation plant with split flow window
CN201184273Y Y 20090121	CN20082057215U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D9/00	Flow concentration type wind duct
CN201184274Y Y 20090121	CN20082057216U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D7/06 ; F03D9/00	Wind duct type wind power generation plant with wind direction flow guide apparatus
CN201184275Y Y 20090121	CN20082057217U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D7/06 ; F03D9/00 ; F03D11/00	Wind duct type wind power generation plant with rotary plate
CN201184276Y Y 20090121	CN20082057218U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D7/06 ; F03D9/00 ; F03D11/00	Wind duct type wind power generation plant
CN201184277Y Y 20090121	CN20082057219U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D3/06 ; F03D7/06 ; F03D9/00	Air duct type wind power generation plant with transverse flow type multi-blade impeller
CN201184278Y Y 20090121	CN20082057220U 20080414	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D3/00 ; F03D3/04 ; F03D7/06 ; F03D9/00 ; F03D11/00	Wind duct type wind power generation plant with vane
CN201241795Y Y 20090520	CN20082057442U 20080418	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D9/00 ; F03D3/04 ; F03D7/06 ; F03D11/00	Wind barrel type wind power generation device with trapezoid bump block
CN201241796Y Y 20090520	CN20082057443U 20080418	GEZHI HIGH SCHOOL SHANGHAI [CN]	F03D9/00 ; F03D3/04 ; F03D7/06 ; F03D11/00	Wind barrel type wind power generation device with choke moving door
AU2008202743 A1 20090115	AU20070903330 20070621;	GILBEE KEVIN	F03D3/00 ; F03D1/00 ; F03D11/00	Method and Apparatus for Electrical Energy Generation

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	AU20080202743 20080623			
DE102007044334 A1 20090409	DE200710044334 20070917	GILMAN PAVEL [DE]	F03D3/06	Wind turbine for converting wind energy into electrical energy, has rotor blade holders attached to hub, and rotor blades attached to holders in two levels, where rotor blades consist of lower and upper surfaces connected at side
DE202008014231U U1 20090212	DE200810034464 20080721; DE200820014231U 20081022	GLUSHKO VIKTOR [DE]	F03D3/06	Windrad mit einer Vertikalachse
DE202008014126U U1 20090115	DE200810050399 20080930	GLUSHKO VIKTOR [DE]	F03D3/06	Windrad mit einer vertikalen Zentralwelle
DE202008016665U U1 20090326	DE200810060195 20081201	GLUSHKO VIKTOR [DE]	F03D1/06	Horizontalachsen-Rotor mit verstellbaren Rotorblõttern
DE202008016664U U1 20090326	DE200810060196 20081201	GLUSHKO VIKTOR [DE]	F03D1/06	Horizontalachsen-rotor
DE202009004474U U1 20090610	DE200910005737 20090120; DE200920004474U 20090327	GLUSHKO VIKTOR [DE]	F03D3/06	Vertikalachs-Windrotor mit vertikalen Blõttern
KR20090042876 A 20090504	KR20070108599 20071028	GO BAE SEOK [KR]	F03D3/06	Active vane type vertical rotor
BRPI0702246 A2 20090331	BR2007PI02246 20070814	GOMES DE LIMA LUIS [BR]	F03B13/22; F03D7/06	Sistema coletor de força hidráulica ou eólica com aletas articulaveis para produção de movimento giratório
ES2315091 A1 20090316	ES20060001009 20060421	GONZALEZ HIDALGO JUAN ANTONIO [ES]	F03D9/00 ; F03D1/06	Dispositivo para la generacion de energia electrica a partir de un fluido

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GB2451641 A 20090211	GB20070015299 20070807	GOODALL PETER ROBERT [GB]	A45B25/22; A45B25/00; B64B1/00; F03B13/18; F03B13/22; F03D3/06 ; F03D11/04	Energy absorption by rotation
GB2451642 A 20090211	GB20070015300 20070807	GOODALL PETER ROBERT [GB]	F03B13/18; A45B25/00; A45B25/22; B64B1/00; F03B13/22; F03D1/00 ; F03D3/06 ; F03D11/04	Energy absorption by rotation
GB2451643 A 20090211	GB20070015301 20070807	GOODALL PETER ROBERT [GB]	F03D1/00 ; A45B23/00; A45B25/22; B64B1/00; B64B1/40; F03B17/06; F03D11/00	A device which reduces the effects of wind or water energy by rotating
WO2009029691 A1 20090305	US20070845094 20070827	GREEN ENERGY TECHNOLOGIES INC [US]; CIRONI MARK [US]; FEDOR JOHN [US]	F03D9/00	Shrouded wind turbine system with yaw control
WO2009030047 A1 20090312	US20070970328P 20070906	GRENIER MARIO [CA]; GRENIER-DESBIENS THOMAS [CA]; GRENIER-DESBIENS ALEX [CA]; GRENIER-DESBIENS JEROME [CA]	F03D3/00 ; F03D3/06 ; F03D11/00	Energy extraction device with at least one bank of blades
DE102008008060 A1 20090514	DE200710053289 20071108; DE200810008060 20080201	GRIMM FRIEDRICH [DE]	F01D1/34; B63H1/14; B64C11/00; F03D1/06	Rotor for use as e.g. Airplane or ship rotor in water vehicle, has circular rotor blade with wing lower edge exhibiting ring shape from ring segments that change wing position in each segment from lift position into drift position
DE102007057077 A1 20090528	DE200710057077 20071122	GRIMM FRIEDRICH [DE]	F03D1/06	Rotor for use as e.g. Ship rotor, has annular rotor blade, where blade position is changed between two of vertices with maximum distance from uplift position into down position

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DE102007060721 A1 20090610	DE200710060721 20071207	GRIMM FRIEDRICH [DE]	F03D9/00 ; F03D1/04 ; F03D1/06 ; F03D3/02 ; F03D3/04 ; F03D3/06	Flow converter e.g. Slipstream turbine, for use in commercial passenger car, has rotor integrated into wing profile such that rotor is blown and is driven by blower stream velocity against flow speed of air or water flow
EP2032844 A1 20090311	WO2007CA00978 20070604; US20060812607P 20060612	GRUMAZESCU MIHAI [CA]	F03D3/02 ; F03D1/02 ; F03D9/00 ; H02K7/18	Wind-driven turbine cells and arrays
EP2042729 A1 20090401	WO2007CN01499 20070508; CN20071020867 20070416	GU WEIDONG [CN]	F03D7/02	Off-grid wind-driven generator set
CN101451502 A 20090610	CN20071196812 20071205	GUANG ZHANG [CN]	F03D9/00	Building wind generating technology
CN101397974 A 20090401	CN20081087145 20080319	GUANGBIN SUN [CN]	F03D5/02 ; F03D7/00 ; F03D9/00	Multi-blade chain belt type bidirectional wind starting generator
CN101463803 A 20090624	CN20081220717 20081231	GUANGDONG DONGXING FENGYING WI [CN]	F03D11/00	Jigger apparatus for gearbox high-speed disc of wind power generator
CN101463799 A 20090624	CN20071032713 20071221	GUANGDONG MINGYANG WIND ELECTR [CN]	F03D9/00	Integral united test apparatus of wind power generator
CN101463804 A 20090624	CN20071032716 20071221	GUANGDONG MINGYANG WIND ELECTR [CN]	F03D11/04	Assembly method for principal shaft and gearbox of large aerogenerator
CN101463793 A 20090624	CN20071032722 20071221	GUANGDONG MINGYANG WIND ELECTR [CN]	F03D1/06	Blade root T type bolting structure of wind generator set blade
CN101463802 A 20090624	CN20071032723 20071221	GUANGDONG MINGYANG WIND ELECTR [CN]	F03D11/00	Lightning protection system for wind generator set
CN101413480 A 20090422	CN20081219194 20081118	GUANGZHOU HONGYING ENERGY TECH [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Flexible outer ring type wind power generator
CN201221724Y Y 20090415	CN20082050007U 20080701	GUANGZHOU HONGYING ENERGY TECH [CN]	F21S9/03; F03D9/00 ; F21S9/04; F21V23/00	Distributed wind and light complementary road lamp system

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CN201221440Y Y 20090415	CN20082050851U 20080718	GUANGZHOU HONGYING ENERGY TECH [CN]	F03D9/00 ; F03D7/00 ; F03D11/00 ; F16D59/00; H02K49/10	Small-sized wind power generator
CN201190632Y Y 20090204	CN20082045328U 20080325	GUANGZHOU SUNINGSEA ENERGY & T [CN]	F03D9/00 ; F03D3/00 ; F03D11/00 ; H01T19/04	Wind-proof type wind generating set
CN201190630Y Y 20090204	CN20082045371U 20080325	GUANGZHOU SUNINGSEA ENERGY & T [CN]	F03D3/06	Novel vertical shaft wind generating set
CN201190637Y Y 20090204	CN20082045372U 20080325	GUANGZHOU SUNINGSEA ENERGY & T [CN]	F03D11/00	Fixation structure for wind generating set
EP2037121 A1 20090318	WO2007CN00720 20070306; CN20061011434 20060306	GUANGZHOU ZHONGKE HENGYUAN ENE [CN]	F03D11/00	A wind driven generator using magnetic suspension
CN201202594Y Y 20090304	CN20082048628U 20080602	GUANGZHUO TISEN ENERGY DEV CO [CN]	F03D9/00 ; F03D1/06 ; F03D11/00 ; H02K1/16; H02K1/27	Wind power generator
DE102007058274 A1 20090610	DE200710058274 20071204	GUENTHER LUCAS [DE]; RABE WOLFGANG [DE]; SCHOLZ GUENTER [DE]; SCHOLZ OLAF [DE]	F03D1/04	Sheath current wind converter has gear unit, propeller hub and sheath, which are arranged at upper section of main tower, where sheath is fixed at gear box and encloses external area of single propeller blade
CN201245409Y Y 20090527	CN20082129373U 20080807	GUIHONG GENG [CN]	B66D1/12; B66D1/14; B66D1/30; F03D11/00	Portable hoister
FR2920489 A1 20090306	FR20070006181 20070904	GUILLO ROBERT [FR]	F03D3/00 ; F03D3/06	Wind turbine for e.g. Residential area, has vertical blades whose upper part is articulated in cap and lower part is articulated in rotor plate, and bridle integrated to plate by truncated cone that is made of stainless steel
CN101397972 A 20090401	CN20071201871 20070927	GUIYANG DUOYUAN JIAHUA TRADE C [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Method for producing honeycomb blade of wind generator

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CN101382175 A 20090311	CN20081068939 20081015	GUIZHOU XIN AN AVIAT MACHINERY [CN]	F16D69/02; F03D11/00	Shaft brake flat
CN201241848Y Y 20090520	CN20082084371U 20080318	GUOBAO CHEN [CN]	F04D25/08; F03D3/04 ; F03D9/00 ; F04D29/00; F04D29/30; H02K1/12; H02K1/27	Unpowered ventilation fan capable of generating electricity
CN101451504 A 20090610	CN20081220760 20081231	GUOHUA DENG [CN]	F03D9/00	Novel wind generator
CN201193594Y Y 20090211	CN20082022462U 20080515	GUOHUA SUN [CN]	F03D11/00	Multi-column type pylon for wind generating set
CN201187408Y Y 20090128	CN20082082368U 20080116	GUOJIAN WEN [CN]	F03D3/06 ; F03D9/00 ; F03D11/00	Wind power generation plant with choke plate
CN201241799Y Y 20090520	CN20082128372U 20080711	GUOLIANG LUO [CN]	F03D9/00 ; F03D7/04	Countryside small-sized wind power generation system
CN201246279Y Y 20090527	CN20082130133U 20080802	GUOLONG QIAN [CN]	F03D9/00 ; F03D1/06 ; F03D11/00	Vehicle distance safe prompt apparatus of middle and high speed running vehicle
CN101349238 A 20090121	CN20081071727 20080909	GUOPING CHEN [CN]	F03D3/00 ; F03B13/00	Rotation device capable of utilizing natural world fluid kenetic energy
CN101454564 A 20090610	NL20061031492 20060402	GUSTAVE CORTEN [NL]	F03D1/06	Wind turbine with slender blade
WO2009041812 A1 20090402	EP20070117375 20070927	GUSTO B V [NL]; VAN NOOD NILS [NL]	F03D1/00	Method and structure for lifting and attaching a composite structure to a vertical support
WO2009056896 A2 20090507	HU20070000705 20071030	GYOERGYI VIKTOR [HU]	F03D3/06 ; F03D11/00	Wind turbine with vertical axis and wind power plant
FR2923552 A1 20090515	FR20070007904 20071112	HA PHAM PASCAL ANDRE GEORGES [FR]	F03B5/00; F03D3/00 ; F03D11/02	Aperture integrated multipurpose turbine for use in e.g. Cargo compartment of ship, has apertures constituted of grid networks having slots which cylindrically organizes surfaces exposed to same path of flow

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FR2924181 A1 20090529	FR20070008238 20071126	HA PHAM PASCAL ANDRE GEORGES [FR]	F03D3/06 ; F03B17/06; F03D11/04	Elementary stream mobile machine for wind turbine, has support on which conical torque element of kinematics cascade is fixed, where machine is guided along rotation of two blades in plane and rotation of axis of two blades in another plane
DE102007035877 A1 20090312	DE200610023891 20060522; DE200710035877 20070731	HAAG STEFAN [DE]; KLINGLER SONJA [DE]; SUM JAKOB [DE]	F16H35/16; A63B21/00; F03D7/00	Force-displacement curves realizing device for rehabilitation and fitness device, has mobile roll that is positively-driven by suitable guide in path, where path is produced in connecting rod
NL1034680C C2 20090515	NL20071034680 20071113	HAAN BEREND [DK]	F03D3/00 ; F03D11/04	Wind aangedreven verticale generator.
DE102007036917 A1 20090212	DE200710036917 20070806	HAFNER EDZARD [DE]	F03D1/06 ; F03D3/06	Rotor blade for wind power plant i.e. Floating wind power plant, has clamping member arranged on pillar such that effective cross section holds additional compressive strength to anticipate stress-dependent deformation due to wind load
CN201196132Y Y 20090218	CN20082012211U 20080418	HAILIANG REN [CN]	F03D9/00 ; F03D1/04	Power generation device by utilizing air pressure difference and temperature difference
CN201190636Y Y 20090204	CN20082114401U 20080519	HAIPING BAO [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F04B17/02	Multifunctional wind power vehicle
CN201179839Y Y 20090114	CN20082076973U 20080407	HAITAO LIU [CN]	B60L8/00; F03D5/02	Vehicle mounted wind power generator
CN101349250 A 20090121	CN20081150586 20080811	HAIYUAN LIU [CN]	F03D9/02 ; B62M1/00; F03D1/00 ; F03D1/06 ; F03D11/00	Booster pressure-storing wind motor
CN201250761Y Y 20090603	CN20082119675U 20080722	HAIYUN WANG [CN]	F03D9/00	Wind-driven generator
CN101351639 A 20090121	DE200510062908 20051229	HAMANN GEORG [DE]	F03B17/06; F03D3/00	Device and system for producing regenerative and renewable energy from wind

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DE102007034618 A1 20090129	DE200710034618 20070725	HAMANN GEORG [DE]	F03B3/14; F03B3/06; F03D1/06	Vorrichtung zur Erzeugung von Energie aus einer Fluidstr÷mung
EP2034180 A2 20090311	US20070899422 20070906	HAMILTON SUNDSTRAND CORP [US]	F03D7/02 ; F03D11/00	Teeter-restraint device for wind turbines
CN101363412 A 20090211	CN20081139786 20080909	HANG DING [CN]	F03D9/00	Planet paddle group mounted composite wind-driven generator group
CN101368539 A 20090218	CN20081140373 20081013	HANG DING [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Wind electric motor impeller with built-in generator
CN201258826Y Y 20090617	CN20082027947U 20080909	HANG DING [CN]	F03D9/00	Planet paddle group mounted composite wind-driven generator group
CN201258822Y Y 20090617	CN20082173039U 20081013	HANG DING [CN]	F03D1/06	Wind mill generator impeller with built-in electric generator
CN201202599Y Y 20090304	CN20082087649U 20080520	HANGZHOU CHUNJIANG POWER EQUIP [CN]	F03D9/00 ; H02K5/16; H02K7/18	Direct joining wind power generator
KR100884306B B1 20090218	KR20080090715 20080916	HANKUK RELAY CO LTD [KR]; LEE YONG HEUN [KR]; LEE KWAN JAE [KR]	F03D7/02 ; H02K7/18	Wind power dynamo rotating force transmission unit utilizing maglev propulsion
CA2645526 A1 20090606	BE20070000582 20071206	HANSEN TRANSMISSIONS INT [BE]	F16H57/02; F03D11/02 ; F16H1/28; F16H57/08	Wind turbine drive
CA2646738 A1 20090619	EP20070076111 20071219	HANSEN TRANSMISSIONS INT [BE]; GAMESA INNOVATION & TECH SL [ES]	F16H1/48; F03D11/00 ; F16C23/06; F16C35/063; F16H1/28; F16H57/02	A planetary type gear unit comprising a planet carrier with a planet bogie plate
CA2646604 A1 20090628	EP20070076134 20071228	HANSEN TRANSMISSIONS INT [BE]; GAMESA INNOVATION & TECH SL [ES]	F16D7/02; F03D11/02 ; F16D9/06; F16D69/02; F16H35/10	Method for connecting a low speed main shaft of a wind turbine to an input shaft of a transmission gearbox of the wind turbine and a connection obtained by said method
CN201250757Y Y 20090603	CN20082064868U 20080822	HAO JING [CN]	F03D9/00	Highway-line wind power generation system
CN101358582 A 20090204	CN20081147318 20080807	HAOJIE SHEN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D11/00 ; F16D1/02	Wind-guiding tower type wind power generator

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JP2009068366 A 20090402	JP20070235361 20070911	HATAKEYAMA MITSUO	F03D3/06	Drag-type windmill
US2009027002 A1 20090129	US20080246038 20081006; US20050302054 20051212; US20040965478 20041012; US20030687795 20031017; US20020435643P 20021220	HAWAIIAN ELECTRIC CO INC [US]	H02J7/34; H02J3/32; H02J3/38; H02M7/537	(A1) power control interface & energy storage between a wind farm and a power transmission system
DE102007062616 A1 20090625	DE200710062616 20071222	HELPER ARNO [DE]	F03D1/06 ; F03D3/06	Wind power generator for producing electricity from mechanical energy, has wind wheel with rotor having rotor blades coupled to rotor shaft, where length of rotor blades is adjustable, and tower is lengthwise adjustable
EP2028367 A1 20090225	DE200720010873U 20070803	HEOS ENERGY GMBH [DE]; FIBER TECH PRODUCTS GMBH [DE]	F03D3/06 ; F03D11/04	Wind power machine
CN201206533Y Y 20090311	CN20082112442U 20080424	HI ENERGY TECHNOLOGY LTD [CN]	F03D9/00 ; F03D3/06	Recovery wind-driven generator
DE102007062483 A1 20090610	DE200720005916U 20070904; DE200710062483 20071220	HILL STEFAN [DE]	F03D3/06 ; F03D3/04	Str÷mungskraftanlage mit einem mehrere Fl³gel tragenden Rotor, der etwa radial zur Rotorachse angestr÷mt wird, und mit einer Mehrzahl von feststehenden Str÷mungsleitblechen, sowie Verfahren zum Betrieb dieser Str÷mungskraftanlage
DE102007060267 A1 20090618	DE200710060267 20071214	HILT JAKOB [DE]	F03D11/04	Energy platform is fastened to fastening device by chains or ropes at bottom of sea and is quickly positioned in wind direction in optimal manner or in secure position by control chains

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JP2009079559 A 20090416	JP20070250396 20070927	HITACHI ENG SERVICE	F03D9/02 ; F03D7/00 ; F03D9/00	Power storage system with wind power generation system
ES2310432 A1 20090101	JP20050039941 20050217	HITACHI LTD [JP]	H02P9/10; F03D7/04	Aparato de conversion para generador doblemente alimentado
DE202009004473U U1 20090618	DE200920004473U 20090331	HIWIN MIKROSYSTEM CORP [TW]	F03D1/06	Fl³gelbefestigungsanordnung eines Windgenerators
DE102007027302 A1 20090102	DE200710027302 20070627	HOLZAPFEL BERND [DE]	F03D9/00	Solar kinetic energy generating method, involves driving generator by turbine to generate electrical energy, where conversion of sunbeam into kinetic energy is performed by impeller of turbine under plastic glass roof
KR20090045747 A 20090508	KR20070111723 20071102	HONG GU DUCK [KR]	F03D3/02 ; F03D3/06	Wind power generator
CN101451495 A 20090610	CN20071195875 20071203	HONG WANG [CN]	F03D5/04	Hinge type track chain railway shaped energy conversion device
CN101349245 A 20090121	CN20081096809 20080501	HONGJIANG LI [CN]	F03D9/00 ; F03B13/06; F03D3/06	Man-made airflow and water flow double electric generating apparatus and method thereof
CN201228081Y Y 20090429	CN20082048942U 20080610	HONGLIN LI [CN]	B63H13/00; F03D9/00	Floating type wind energy and electrical machinery double-duty ship
CN101380905 A 20090311	CN20081143395 20081023	HONGSHAN YU [CN]	B60L8/00; B60L1/00; B60L11/18; F03D7/00 ; F03D9/00	Vehicle power generation system based on wind energy and fuel hybrid power and control method thereof
CN201209803Y Y 20090318	CN20082036969U 20080602	HONGSHI LIN [CN]	F21S9/04; F03D9/00 ; F21V23/00	Wind and electric energy complementary LED street lamp
DE202009002259U U1 20090618	DE200920002259U 20090217	HSIEH MENG HAN [TW]; HSIEH WEN CHAN [TW]; HUNG CHEN HSIUNG [TW]	F03D9/00	Eine kombinierte Einrichtung zur Stromerzeugung und -speicherung mit Wind- und Solarenergie
DE202009000143U U1 20090312	DE200920000143U 20090105	HUANG CHENG TZU [TW]; KU TSUNG YUAN [TW]	F03D9/00	Windkraftgenerator

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CN101363416 A 20090211	CN20081200415 20080925	HUAQIANG LU [CN]	F03D9/00 ; F03D5/00	Sailing vessel type floating wind power generator
CN201202587Y Y 20090304	CN20082013247U 20080530	HUASHAN HUO [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Wind power generator wind wheel
CN101349248 A 20090121	CN20081150842 20080829	HUIMIN DI [CN]	F03D9/00 ; F17D1/04	Wind power compressed air energy sources application net system method
MX2008010129 A 20090115	ES20060000296 20060209; WO2007ES00065 20070208	HYDRA POWER S L [ES]	B65H29/68; B65G47/24; B65H5/34; F03D7/02 ; F04B49/06; F04B49/20	Device for controlling the blades of a wind turbine.
KR20090056360 A 20090603	KR20070123475 20071130	HYOSUNG CORP [KR]	F03D11/00	A chair for work in nacelle of wind turbine
KR20090056498 A 20090603	KR20070123677 20071130	HYOSUNG CORP [KR]	F03D11/00 ; F03D1/06	Nacelle cover of a wind generator
KR20090061265 A 20090616	KR20070128214 20071211	HYOSUNG CORP [KR]	F03D7/04 ; F03D7/00	Yaw system of wind power plant
KR20090069101 A 20090629	KR20070136951 20071224	HYOSUNG CORP [KR]	F03D11/00 ; H02G3/30	Cable holder in wind generator
KR20090060509 A 20090615	KR20070127345 20071210	IBT CO LTD [KR]	F03D11/02 ; F03D7/00 ; H02J3/38	Apparatus for generating electric using and controller of controlling the same
EP2014912 A2 20090114	EP20070109698 20070606	ICEC HOLDING AG [CH]	F03D1/00 ; F03D11/00	Wind turbine with a nacelle and method for constructing such a wind turbine
CN101384781 A 20090311	WO2005EP09319 20050830	ICEC HOLDING AG [CH]	E04H12/34; E01D19/02; E04H12/12; F03D11/04	Method for vertically extruding a concrete element, device for producing a concrete element and wind turbine generator tower produced by this method
US2009028647 A1 20090129	GB20060002350 20060206; GB20060002503 20060207; WO2007GB00400	IHC ENGINEERING BUSINESS LTD [GB]	B66C1/42; B66C23/52; E02B17/00; E04H12/34; F03D1/00	Installation of offshore structures

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	20070206			
JP2009127576 A 20090611	JP20070305281 20071127	IKEDA AKIRA	F03D1/04	Wind collection device coping with various wind speeds and wind power generation device including wind collection device
JP2009023375 A 20090205	JP20070185243 20070717	IKEDA KAIDO	B64C29/00; F03D9/00 ; F03D11/00 ; H02K5/04	Rotary blade with shroud having seal that can eliminate minute magnetic material adhering on permanent magnet and maintain gap between electromagnet and permanent magnet, and wind power generating device using peripheral velocity
US2009155075 A1 20090618	TW20070148070 20071214; TW20080140081 20081017	IND TECH RES INST [TW]	F03D7/00 ; F01D7/00	Blade pitch driving apparatus for wind driven generator
WO2009060107 A1 20090514	ES20070002251U 20071105	INDESMEDIA EOL SA [ES]; GARCIA GIRON ALFONSO [ES]	F03D3/06	Cam rotor for vertical-axis wind turbines
WO2009043943 A1 20090409	WO2007ES00550 20071001	INGETEAM ENERGY S A [ES]; GARMENDIA OLARREAGA IKER [ES]; ELORRIAGA LLANOS JOSU [ES]; REBOLLO GOMEZ ADOLFO [ES]; CALVO MADARIAGA XABIER [ES]; ACEDO SANCHEZ JORGE [ES]; MAYOR LUSARRETA JESUS [ES]; SOLE LOPEZ DAVID [ES]; CARCAR MAYOR AINHOA [ES]; PEREZ BARBA	F03D9/00 ; F02P9/00; F03D7/02 ; F03D7/04 ; F03D11/02	Method for coupling and controlling reactive power by means of a stator for doubly-fed wind turbines for use in any wind conditions

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CN101401294 A 20090401	US20060783029P 20060317	INGETEAM S A [ES]	H02P9/00	Dynamic electric brake for a variable speed wind turbine having an exciter machine and a power converter not connected to the grid
WO2009024833 A1 20090226	US20070842585 20070821	INGETEAM S A S [ES]; MAYOR JESUS [ES]; SOLE DAVID [ES]; ACEDO JORGE [ES]; CARCAR AINHOA [ES]; BARBACHANO JAVIER PEREZ [ES]; ZABALETA MIKEL [ES]; SIMON SUSANA [ES]	F03D7/00 ; F03D9/00 ; H02J3/48	Control of active power reserve in a wind-farm
DE102007047317 A1 20090409	DE200710047317 20071002	INNOVATIVE WINDPOWER AG [DE]	F03D9/00 ; F03D1/00	Entkopplung der Antriebswelle von der Abtriebswelle durch ein zweistufiges Getriebe bei einer Windkraftanlage
DE102007049599 A1 20090507	DE200710049599 20071015	INNOVATIVE WINDPOWER AG [DE]	F03D11/00 ; F03D1/00	Temperaturregelung von aneinandergekoppeltem Getriebe und Generator bei einer Windenergieanlage
DE102007050323 A1 20090423	DE200710050323 20071018	INNOVATIVE WINDPOWER AG [DE]	F03D11/04	Azimutlager einer Windkraftanlage
DE102007052525 A1 20090507	DE200710052525 20071101	INNOVATIVE WINDPOWER AG [DE]	F03D11/00 ; H01R35/00	Vorrichtung zum Ableiten eines Blitzes bei einer Windenergieanlage
DE102007052994 A1 20090507	DE200710052994 20071105	INNOVATIVE WINDPOWER AG [DE]	F03D7/00 ; F03D1/00 ; F03D11/00	Brake for wind turbine pod mounted on azimuth bearing comprises inner and an outer caliper unit and L-shaped brake disk
DE102007058054 A1 20090604	DE200710058054 20071130	INNOVATIVE WINDPOWER AG [DE]	F03D7/02 ; F03D1/06	Wind turbine's electrical load controlling method, involves determining load at rotor blade of wind turbine by using load sensor, and adjusting rotor blade by adjusting drive based on predetermined adjusting variable
DE102007059820 A1 20090618	DE200710059820 20071211	INNOVATIVE WINDPOWER AG [DE]	F03D11/04	Wartungsvorrichtung einer Windenergieanlage

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DE102007060985 A1 20090618	DE200710060985 20071214	INNOVATIVE WINDPOWER AG [DE]	F03D9/00 ; F03D1/00	Vorrichtung zur _bertragung von Bereitstellungsmitteln
DE102007062442 A1 20090625	DE200710062442 20071220	INNOVATIVE WINDPOWER AG [DE]	F03D11/00 ; F03D11/04	Medientransportvorrichtung in einem Fundament f³r Windenergieanlagen
WO2009068020 A2 20090604	DE200710005805 20071130	INNOVATIVE WINDPOWER AG [DE]; WERNICKE JENS THOMAS [DE]; MILLER WILLIAM THOMAS [DE]	F03D7/00 ; F03D7/04	Method for regulating the electrical load of a wind power system
WO2009036998 A2 20090326	DE200710045410 20070921	INNOVATIVE WINDPOWER AG [DE]; WERNICKE JENS-THOMAS [DE]	F03D7/02 ; F03D11/02 ; G05D23/19	Method for starting a wind energy plant
GB2454253 A 20090506	GB20070021618 20071102	INSENSYS LTD [GB]	G01B11/16; F03D11/00	Monitoring strain on a wind turbine blade
EP2052152 A1 20090429	WO2007GB03176 20070820; GB20060016503 20060818	INSENSYS LTD [GB]	F03D11/00 ; G01D5/353; G01L1/24	Structural monitoring of wind turbine with fibre bragg grating sensors in each blade
EP2052150 A2 20090429	WO2007GB03180 20070820; GB20060016506 20060818	INSENSYS LTD [GB]	F03D1/06 ; F03D11/00 ; G01L1/24	Structural monitoring in wind turbine blades
RO122368 B1 20090430	RO20060000371 20060530	INST DE CERCETARE I PROIECTARE [RO]	F03D3/00	System for regulating the speed of a wind generator to variable wind speed with self-braking
MD20070027 A 20090131	MD20070000027 20070202	INST DE ENERGETICA AL ACADEMIE [MD]	F03D3/06	Windmill with vertical turbine
MD20070113 A 20090430	MD20070000113 20070423	INST DE ENERGETICA AL ACADEMIE [MD]	F03D11/04	Windmill
MD3848F F1 20090228	MD20070000220 20070806	INST DE ENERGETICA AL ACADEMIE [MD]	F03D3/06	Wind turbine

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MD20080039 A 20090531	MD20080000039 20080215	INST DE ENERGETICA AL ACADEMIE [MD]	F03D3/06	Windmill with vertical turbine
MD20080040 A 20090531	MD20080000040 20080215	INST DE ENERGETICA AL ACADEMIE [MD]	F03D3/06	Plant with vertical turbine for wind power reception
MD19Y Y 20090430	MD20090000024U 20070423	INST DE ENERGETICA AL ACADEMIE [MD]	F03D3/00 ; F03D3/04	Windmill
MD43Y Y 20090630	MD20090000062U 20070423	INST DE ENERGETICA AL ACADEMIE [MD]	F03D1/00	Windmill with windwheel of great diameter
CN101418775 A 20090429	CN20071176275 20071024	INST ENG THERMOPHYSICS CAS [CN]	F03D1/06	Horizontal axle windmill and method for making wind-powered unit vane
CN201209520Y Y 20090318	CN20082080155U 20080423	INST ENG THERMOPHYSICS CAS [CN]	F03D9/00 ; F03D11/04	Anti-tipping suspending type wind generating set
DE202009003201U U1 20090625	DE200920003201U 20090305	INST KONSTRUKTION UND VERBUNDB [DE]	F03D1/06 ; B29C70/00; F03D3/06	Rotorblatt einer Windkraftanlage
RU2347942 C1 20090227	RU20070128388 20070723	INST UPRAVLENIJA IM V A TRAPEZ [RU]	F03D3/00	Power generating plant exploiting wind and solar power
GR20070100449 A 20090216	GR20070100449 20070713	IOANNIDIS IOANNIS; VARGKA ZOLTAN	F03D3/00 ; F03D3/06 ; F03D7/06 ; F03D11/04	Wind power generator
DE602004012128T T2 20090319	EP20040028646 20041203	IPPOLITO MASSIMO [IT]	F03D3/06 ; F03D3/00	Windturbine mit senkrechter Drehachse mit einem Steuersystem f³r Drachen
EP2035697 A1 20090318	WO2007IT00419 20070613; IT2006TO00491 20060704	IPPOLITO MASSIMO [IT]; TADDEI FRANCO [IT]	F03D5/00 ; F03D3/06	Wind system for converting energy thboqgi a vertical-axis turbine actuated by means of kites and process for producing electric energy through soch system
KR20090007083 A 20090116	KR20070070718 20070713	IR WIND POWER CO LTD [KR]	F03D9/00 ; F03D3/04	Wind power system by recycling
SE0701710 A 20090114	SE20070001710 20070713	ISRAELSSON ALF [SE]	F03D1/02	Vindturbinanlõggning med motroterande turbinrotorer i vilka en motroterande elgenerator med dubblerade luftgap õr integrerad
SE0701838 A 20090210	SE20070001838 20070809	ISRAELSSON ALF [SE]	F24F7/007	Ventilationsutsug

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PT1518053E E 20090109	GB20020012258 20020528; GB20020019994 20020829; GB20020027870 20021129	ITI SCOTLAND LTD [GB]	F03D1/00	Method and crane for installing, maintaining, and decommissioning wind turbines
NO327521B B1 20090803	NO20070004022 20070802; NO20080001173 20080305	JAHR ODD [NO]	F03D11/04 ; F03D1/00	Fremgangsmate til bygging av vindkraftverk for hoy produksjon av elektrisk energi og installasjon/utskifting av tunge maskindeler
RU2365782 C1 20090827	RU20070145254 20071205	JAKIMOV JURIJ ALEKSANDROVICH [RU]	F03D3/00	Carousel-type windwheel module
DE202008016629U U1 20090416	DE200820016629U 20081216	JANSEN WILHELM [DE]	F03D11/00 ; H01L31/058	Anbringen von Photovoltaik-Zellen-Module-Beschichtungen aller Art an Rotorblõttern von Windenergieanlagen aller Hersteller/Betreiber/Aufst eller aller Art zur Herstellung von Energie/Strom verschiedenster Art
CA2613846 A1 20090607	CA20072613846 20071207	JESSIE DARRYL [CA]	F03D11/04 ; F03D1/00 ; F03D11/00	Vertical furling for wind turbines
CN201228615Y Y 20090429	CN20082115560U 20080724	JETPRO TECHNOLOGY CO LTD [CN]	F03D9/00 ; F03D11/00	Mobile wind power generation plant
CN201228616Y Y 20090429	CN20082127750U 20080718	JETPRO TECHNOLOGY CO LTD [CN]	F03D9/00 ; F03D11/04	Buoyance type wind power generation plant
US2009045633 A1 20090219	US20070838437 20070814	JETPRO TECHNOLOGY INC [TW]	F03D9/00	Do-it-yourself wind power generation wall
AU2009100359 A4 20090528	TW20080212348U 20080711	JETPRO TECHNOLOGY INC; SHIH CHEN	F03D11/04 ; B63B35/44; F03D1/00 ; F03D1/04	Floating type wind power generation apparatus
AU2009100441 A4 20090625	TW20080212349U 20080711	JETPRO TECHNOLOGY INC; SHIH CHEN	F03D11/04 ; F03D1/02 ; F03D5/04	Mobile wind power generating device

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CN101451496 A 20090610	CN20071157102 20071129	JIA XU [CN]	F03D7/04	Hydraulic propeller regulator of wind motor
CN201246276Y Y 20090527	CN20082090746U 20080827	JIANG YOU [CN]	F03D9/00 ; F03D3/00 ; F03D7/06	Umbrella type wind sail blade wind motor
CN101463797 A 20090624	CN20081238725 20081223	JIANGSHAN MIAO [CN]	F03D5/04	Sail type windmill
CN201228611Y Y 20090429	CN20082035111U 20080411	JIANGSU MIRACLE LOGISTICS SYS [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Wind power generator vane body assembled by bamboo lamination material with chamfer
CN201187410Y Y 20090128	CN20082035400U 20080512	JIANGSU SUYA MECHANICAL & CLEC [CN]	F03D7/02	Propeller pitch regulating mechanism of wind generating set
CN201246274Y Y 20090527	CN20082039430U 20080829	JIANGSU SUYA MECHANICAL & ELEC [CN]	F03D7/02	Hydraulic variable pitch transmission mechanism of wind generating set
CN201246284Y Y 20090527	CN20082039431U 20080829	JIANGSU SUYA MECHANICAL & ELEC [CN]	F03D11/00 ; F16D65/20	Flexible brake system of wind generating set
CN201187527Y Y 20090128	CN20082061616U 20080102	JIANHENG WEN [CN]	F16C19/50; F03D7/02 ; F03D11/00 ; F16C33/34; F16C33/58; F16C33/78	High reliability cross roller turntable bearing for megawatt level wind power generation
CN101363417 A 20090211	CN20081216208 20080912	JIANHUA GU [CN]	F03D9/00 ; F03D3/00 ; F03D3/06	Wind power generation method
CN201255079Y Y 20090610	CN20082091078U 20081010	JIANJUN QU [CN]	F03D9/00	Vertical axis wind power generator
CN201255077Y Y 20090610	CN20082091137U 20081017	JIANJUN QU [CN]	F03D3/00	Vertical shaft half-moving and half-fixing combination type blade windmill
CN101463801 A 20090624	CN20091104806 20090108	JIANNING PENG [CN]	F03D9/00	Airflow power generation system and method
CN101368542 A 20090218	CN20071044914 20070816	JIANPING PENG [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; H02K7/18; H02N6/00	Wind energy solar generator with vertical movable blade
CN201194341Y Y 20090211	CN20082081191U 20080514	JIANTONG QI [CN]	H02J15/00; F03D1/06	Storage and application apparatus for high-performance wind electricity generation

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CN101413482 A 20090422	CN20081223694 20081008	JIANWEI MA [CN]	F03D3/02 ; F03D11/00	High-efficiency runoff double-shaft wind motor
CN201193589Y Y 20090211	CN20082013106U 20080522	JIANXUN WU [CN]	F03D9/00 ; F03D1/06	Solar heat wind pressure cyclone power generator
CN201184283Y Y 20090121	CN20072138100U 20071126	JIANYUN JIN [CN]	F03D11/00	Solar energy and methane wind power apparatus
CN201212453Y Y 20090325	CN20082047067U 20080429	JIAWEN HUO [CN]	F03D9/00 ; F03D3/02 ; F03D11/00	Operation system of vertical shaft wind mill set
CN101392717 A 20090325	CN20081173174 20081030	JIN MEIFANG [CN]	F03B13/14; F03D9/00	Novel electricity generation technology driven by sea wave
CN201202589Y Y 20090304	CN20082081374U 20080620	JINFEN LI [CN]	F03D3/06 ; F03D11/00	Vertical shaft machete type wind power generation impeller
CN201187406Y Y 20090128	CN20082009040U 20080403	JINFENG ZHANG [CN]	F03D3/00 ; F03D3/06 ; F03D9/00	Assembled fan amplification connecting structure
CN201187461Y Y 20090128	CN20082009124U 20080402	JINFENG ZHANG [CN]	F04D25/08; F03D9/00 ; F21V33/00	Fan illumination structure
CN101382118 A 20090311	CN20071012657 20070903	JINFENG ZHAO [CN]	F03D9/00 ; F03D3/06 ; F03D7/06 ; H02K7/18	Vertical shaft wind-driven generator
CN101382116 A 20090311	CN20071012658 20070903	JINFENG ZHAO [CN]	F03D3/06	Vertical shaft blade
CN101457740 A 20090617	CN20071094501 20071214	JING AN DISTR JUVENILE ACTIVIT [CN]	F03D9/00	Wind energy and solar generating device on highways
CN201202600Y Y 20090304	CN20082116339U 20080509	JINGHUA XU [CN]	F03D9/00 ; F03D3/00 ; F03D3/06	S-shaped spiral type wind energy electric generator
CN201215065Y Y 20090401	CN20082102143U 20080430	JINGJING YANG [CN]	F03D7/06 ; F03D3/06	Windstorm proof vertical shaft wind mill based on blade rotating angle control
CN101392732 A 20090325	CN20071071390 20070921	JINLUN HUANG [CN]	F03D11/00 ; F03D11/04	Warp and weft stretching wind mill group
CN101413477 A 20090422	CN20071156340 20071020	JINLUN HUANG [CN]	F03D1/06	Floating raft-reducing three-vane wind wheel

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CN101418774 A 20090429	CN20071156345 20071022	JINLUN HUANG [CN]	F03D1/06	Method for lightening prior three-blade wind wheel
CN101363410 A 20090211	CN20081120715 20080901	JINLUN HUANG [CN]	F03D9/00 ; F03D5/00	High altitude wing wind power generation
CN101363411 A 20090211	CN20081120986 20080910	JINLUN HUANG [CN]	F03D9/00 ; F03D5/00	Multi-megawatt generation kite
CN101368545 A 20090218	CN20081121166 20081004	JINLUN HUANG [CN]	F03D9/00 ; F03D5/00	Integration wing power generation kite
CN201262135Y Y 20090624	CN20082026225U 20080725	JINQUAN XU [CN]	F03D11/00	Windmill seat
CN201221443Y Y 20090415	CN20082068295U 20080707	JINZHANG WEI [CN]	F03D9/00 ; F03D1/04 ; F03D11/00	Wind power generation plant
CN201221442Y Y 20090415	CN20082060050U 20080620	JINZHU ZHANG [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Vertical shaft type wind power generator
CN101413491 A 20090422	CN20071134025 20071018	JIPING YI [CN]	F03G6/04; F03D1/00 ; F03D1/04 ; F03D9/00 ; H02K7/18	Solar energy thermal current electric generating apparatus
CN101403369 A 20090408	CN20081073881 20081104	JISHAN WU [CN]	F03D9/00 ; F03D3/06	Combination type vertical axis aerogenerator
CN201228901Y Y 20090429	CN20082013477U 20080617	JIXIN GUO [CN]	F21S9/03; F03D9/00 ; F21S9/04; F21V23/00; G09F13/04	Double-energy source multifunctional street lamp
CN201193588Y Y 20090211	CN20072302265U 20071213	JIZHUO ZHAO [CN]	F03D3/04 ; F03D3/02 ; F03D9/00	High speed double wheel vertical shaft wind mill
ES2317896T T3 20090501	DK20000000597 20000410	JOMITEK APS	F03D11/00 ; H02G13/00	Sistema de proteccion contra rayos, por ejemplo, para un aerogenerador, pala de aerogenerador que presenta un sistema de proteccion contra rayos, procedimiento de creacion de un sistema de proteccion contra rayos y su utilizacion.

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GB2455559 A 20090617	GB20070024382 20071213	JONES ROSEMARY [GB]	F03D9/00 ; F03B3/00; F03B13/10; F03D11/04 ; H02K7/18	Portable wind or water turbine generator
WO2009036204 A2 20090319	US20070993325P 20070911	JOSLIN DIABETES CENTER INC [US]; SUNSTAR INC [JP]; BLACKWELL T KEITH [US]; MATSUMOTO MOTONOBU [US]; MAKINO TAKETOSHI [JP]; GOTO MASASHI [JP]; ISHIKADO ATSUSHI [JP]; MAEDA MARIKO [JP]; AZECHI SATOE [JP]	F03D1/04	Phase ii detoxification and antioxidant activity
CN201221446Y Y 20090415	CN20082116475U 20080623	JOY RIDE TECH CO LTD [CN]	F03D9/00 ; F03D1/06 ; F03D11/00	Wind power generation plant
CN201187416Y Y 20090128	CN20082070394U 20080507	JUNJIE ZHANG [CN]	F03D9/00 ; F03D1/06 ; F03D7/02 ; H02K1/12; H02K1/22	High-efficiency wind power generator
CN201187417Y Y 20090128	CN20082070396U 20080507	JUNJIE ZHANG [CN]	F03D9/00 ; F03D3/06 ; F03D7/02	Double-wind wheel wind power generator
CN201225723Y Y 20090422	CN20082118416U 20080606	JUNPING LI [CN]	F24F3/00; F03D9/00	Novel self-supplying energy resource numerical control energy-saving apparatus
CN201202598Y Y 20090304	CN20082080445U 20080508	JUNWEN ZHAO [CN]	F03D9/00 ; F03B13/06	High-efficiency energy-saving giant wind power generation wind damage-proof apparatus
CN201190943Y Y 20090204	CN20072054614U 20070725	KAI CHEN [CN]	F21S9/04; F03D1/00 ; F21V3/02	Wind power automobile lamp
CN201221444Y Y 20090415	CN20082070985U 20080612	KAI DENG [CN]	F03D9/00 ; F03D3/06 ; F03D11/00 ; H02K1/27	Electric generating apparatus using highway automobile refluence wind
CN101446262 A 20090603	CN20071168476 20071127	KAI HU [CN]	F03D1/06	Rotor blade with planar windward effective wind energy obtaining surface
CN201206531Y Y 20090311	CN20082063127U 20080423	KAI ZENG [CN]	F03D9/00 ; F03D11/04	High voltage line pylon wind power generator

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CN201246283Y Y 20090527	CN20082038726U 20080819	KAIYUAN HUANG [CN]	F03D9/02 ; F03B13/06; F03D1/06	Power generation system for converting wind energy into water energy
JP2009068407 A 20090402	JP20070237227 20070912	KAJIMA CORP	F03D11/04	Extension and reconstruction method of wind power generator
FR2918419 A1 20090109	FR20070004785 20070703	KALMAN RUDOLF [FR]	F03D3/06	Savonius wind turbine for boat, has boom and sail wings forming undeformable tightening structure turning around tower and each pair of sail wings corresponding to same semi-circle of boom constituting equivalent of one of blades of rotor
JP2009002321 A 20090108	JP20070190175 20070621	KAMETANI TOMOOKI	F03D3/02 ; F03D9/00	Wind pressure intake wind power generation and application method for solar panel integrated member composite energy
RU2347941 C1 20090227	RU20070124708 20070629	KAPACHINSKIKH DMITRIJ ANATOL E [RU]	F03D1/02 ; F03D7/04	Propeller-turbine
GR1006236 B2 20090122	GR20080100016 20080115	KARAGIANNIS STAMATIOS SOTIRIOU	F03D9/02 ; F03B13/08	Wind-sea-hydroelectric production of energy with dams at sea.
EP2054619 A1 20090506	AU20060904237 20060807; WO2007AU01086 20070806	KATRU ECO INV S PTY LTD [AU]	F03D3/04 ; F03D7/06 ; F03D11/00	Omni-directional wind power station
GB2455296 A 20090610	GB20070023620 20071203	KELVIN INST LTD [GB]; LEITHEAD WILLIAM EDWARD [GB]	F03D7/02 ; F01D7/00; F03B3/14; F03D7/06	Compensation system for a rotor
DE102007049313 A1 20090416	DE200710049313 20071015	KENERSYS GMBH [DE]	F03D1/06 ; F03D7/00	Rotorblattverstellsystem
CN101440775 A 20090527	CN20081220101 20081217	KEWEI TANG [CN]	F03D1/06 ; F03D11/00	Multiple-blade high speed impeller of horizontal shaft wind power generator
RU2371603 C2 20091027	KR20050023968 20050323	KHONG GU DAK [KR]	F03D1/02	System of electric energy generation of wind mill type

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DE202007015843U U1 20090319	DE200720015843U 20071111	KIEFER INGE H [DE]	F03D1/06	Kleinwindkraftanlage
KR20090034041 A 20090407	KR20070099185 20071002	KIM BYONG JUN [KR]	F03D3/06 ; F03D3/00	Wind power generator with vertical axis type
KR20090034043 A 20090407	KR20070099188 20071002	KIM BYONG JUN [KR]	F03D3/06 ; F03D3/00	Rotor for wind power generator with vertical axis type
KR100886214B B1 20090310	KR20080036508 20080421	KIM DAE BONG [KR]	F03D3/06 ; F03D5/00	The aerial wind power generating system which uses the tube support body
WO2009025420 A1 20090226	KR20070083810 20070821	KIM DONG YONG [KR]	F03D11/02	Wind turbine system using fluid torque converter
KR20090054861 A 20090601	KR20070122393 20071127	KIM GI CHER [KR]	F03D9/00 ; F03D1/00	Wind power generation heating system
WO2009008634 A2 20090115	KR20070068008 20070706	KIM HONG NO [KR]	F03D3/06	Turbine construction for wind power generator
KR100904190B B1 20090623	KR20080094589 20080926	KIM HYO JIP [KR]	F03D3/04 ; F03D3/06	Wind power generator
KR20090021305 A 20090302	WO2006JP325393 20061220	KIM JUEN SOO [US]; SATO SHIGERU [JP]; HASHIMOTO YOSHIMASA [JP]	F03D11/04	Wind power apparatus
KR20090021300 A 20090302	KR20090003670 20090116	KIM JUNG RYUL [KR]	F03D5/00 ; F03D11/00 ; F03D11/04	Sky wind energy system
KR20090048554 A 20090514	KR20090025657 20090326	KIM JUNG RYUL [KR]	F03D1/00 ; F03D5/00 ; F03D11/00	Spherical surface axis wind energy turbine
KR20090019880 A 20090225	KR20090003161 20090113	KIM MIN JUN [KR]	F03D9/00 ; F03D1/00	A closed-type tunnel way power generation system
KR100897164B B1 20090514	KR20080093472 20080924	KIM SANG HUN [KR]	F03D11/00 ; F03D1/06 ; F03D3/06	A blade for wind power generator
KR20090018182 A 20090219	KR20090000163 20090102	KIM YOUNG KI [KR]	F03D3/02 ; F03D3/04	Wind power generating apparatus

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JP2009030586 A 20090212	JP20060275977 20061010; JP20070104730 20070412; JP20070129329 20070515; JP20070168717 20070627; JP20070261149 20071004	KINOSHITA TERUO	F03D9/00	Sea windmill pump device, windmill pump artificial fisheries, and mooring type wind power station
JP2009028028 A 20090212	JP20070192614 20070625; JP20070274432 20070920	KITAMURA TATSUO	A01G33/00; F03D9/00 ; H02K21/24	Carbon dioxide fixing system
KR20090034801 A 20090408	KR20087027037 20081104	KITE GEN RES S R L [IT]	F03D5/00 ; F03D3/00 ; F03D7/00 ; F03D7/06	System and process for automatically controlling the flight of power wing airfoils
EP2010783 A1 20090107	WO2006IT00279 20060424	KITE GEN RES S R L [IT]	F03D5/00	Aeolian system comprising power wing profiles and process for producing electric energy
EP2016284 A1 20090121	WO2006IT00343 20060510	KITE GEN RES S R L [IT]	F03D5/00 ; F03D3/00 ; F03D7/00 ; F03D7/06	System and process for automatically controlling the flight of power wing airfoils
EP2021624 A2 20090211	WO2007IT00325 20070503; IT2006TO00372 20060523	KITE GEN RES S R L [IT]	F03D5/00 ; F03D5/06 ; F03D11/04	Automatic control system and process for the flight of kites
US2009008939 A1 20090108	US20080166687 20080702; US20070929647P 20070706	KKR IP LTD LIABILITY COMPANY [US]	F03D9/00 ; F03D1/02 ; F03D7/04 ; F03D11/04	Modular wind turbine, multi-turbine wind turbine, wind turbine computer system, and method of use thereof
CN101415940 A 20090422	DE200610015527 20060331	KLAUS WOLTER [DE]	F03D9/00 ; F01K25/00; F01K27/00; F03G7/04	Method, device and system for converting energy

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CA2647657 A1 20090626	BY20070001606 20071226	KLIMOV VYACHESLAV STEPANOVICH [BY]; KLIMOV OLEG VYACHESLAVOVICH [LV]	F03D3/02 ; F03D3/06	Coaxial rotor windmill and method of increasing kinetic energy of the flow
CA2647648 A1 20090629	BY20070001660 20071229	KLIMOV VYACHESLAV STEPANOVICH [BY]; KLIMOV OLEG VYACHESLAVOVICH [LV]	F03D3/02 ; F03D1/02	Multiple rotor windmill and method of operation thereof
KR20090004412 A 20090112	KR20070011084U 20070705	KO YOUNG EUN [KR]	F03D3/04 ; F03D3/02	Wind generator
RU2351794 C1 20090410	RU20070131699 20070820	KONDRASHOV BORIS NIKANOROVICH [RU]; VOROB EVA ELENA ALEKSANDROVNA [RU]	F03D1/02	Precessing vertical shaft windmill
DE202009003943U U1 20090604	DE200920003943U 20090320	KORASTOSHEVSKY ALEXANDER [DE]; ROSENFELD SEMJON [DE]; SOBOL EMMANUIL [DE]; STEINBERG ALEXANDER [DE]	F03D9/00 ; F03D1/04	Ballonwindkraftwerk
KR20090052123 A 20090525	KR20070118677 20071120	KOREA ELECTRO TECH RES INST [KR]	F03D9/02 ; F03D7/00	Flexible wind farm output control system and method using multiple flywheel system
KR20090055061 A 20090602	KR20070121782 20071128	KOREA ELECTRO TECH RES INST [KR]	F03D7/00 ; F03D9/00	Modeling and parameter test method for wind farm
KR20090048668 A 20090515	KR20070114631 20071112	KOREA ENERGY RESEARCH INST [KR]	F03D11/00 ; F03D1/06	Blade of wind power generator for stall control and steady speed operation in low wind speed
EP2053238 A1 20090429	BR2007PI04438 20071025	KOURY NELSON [BR]	F03D3/00 ; F03D3/04	Wind plant
US2009001724 A1 20090101	KR20070062798 20070626	KR CO LTD [KR]	F03D7/06 ; F03D3/00 ; F03D9/00	Method and apparatus for controlling vertical axis wind power generation system
KR100895038B B1 20090504	KR20070113122 20071107	KR CO LTD [KR]	F03D3/04 ; F03D3/06	Swept turbine blade assembly for vertical wind turbine system

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KR20090013478 A 20090205	KR20070077641 20070802	KR CO LTD [KR]; HAN HEE SEOK [KR]; KIM SA MAN [KR]	F03D11/02 ; F03D3/00 ; F03D11/04	Apparatus for transmission of power in vertical wind power generation system
DE102008036307 A1 20090507	WO2007DE01432 20070810; DE200810036307 20080729	KRAUS GUNTER [DE]	F03D3/04 ; F03B7/00; F03D1/04 ; F03D5/04 ; F03D9/00	Versatile wind energy conversion unit for static and mobile applications, has roller-type rotor carrying main blades and deflector blades, operating in diffuser casing
BRPI0702033 A2 20090113	BR2007PI02033 20070523	KREBS VON ERMLAND ALOYS [BR]	F03D5/06 ; F03B3/14; F03B13/26	Rotor axis vertical
CZ19549U U1 20090429	CZ20090020884U 20090217	KRENK PAVEL [CZ]; ZERONIK JIRI [CZ]	F03D1/04 ; E04F17/00; E21D7/00; F03D9/00	Plant for producing electric power
CZ19550U U1 20090429	CZ20090020885U 20090217	KRENK PAVEL [CZ]; ZERONIK JIRI [CZ]	F03D1/04 ; E04F17/02; E04H12/28; F03D9/00	Plant for producing electric power using air stream
CZ20070463 A3 20090121	CZ20070000463 20070712	KRI EK JANKO [CZ]	F03D3/00	Vane wind motor
JP2009114975 A 20090528	JP20070289118 20071107	KUBOTA KENJI	F03D3/06 ; F03D7/06	Rotary blade attack angle variable mechanism for vertical blade type wind mill
DE202008010960U U1 20090430	DE200820010960U 20080818	KUNTZE ROLF [DE]; MAKUS DANIEL [DE]; MAKUS KLAUS [DE]	F03D11/00 ; H01L31/058	Montage von Solarmodulen an den T³rmen von Windkraftanlagen
JP2009019550 A 20090129	JP20070182216 20070711	KUROSAWA KENSETSU KK	F03D11/04 ; E02D27/42; E04H12/16	Wind-power generator apparatus
JP2009019551 A 20090129	JP20070182223 20070711	KUROSAWA KENSETSU KK	F03D11/04 ; E04H12/16	Wind-power generator apparatus
JP2009127448 A 20090611	JP20070300649 20071120	KYOWA CORP KK	F03D11/00 ; F03D3/06	Blade member
JP2009057713 A 20090319	JP20070224031 20070830	KYUSHU ELECTRIC POWER; MITSUBISHI HEAVY IND LTD; FUJI PS CORP	E04H12/00; E04H12/16; F03D11/04	Wind power generation hybrid tower, and its construction method
DE202009002054U U1 20090610	DE200920002054U 20090408	L & L ROTORSERVICE GMBH [DE]	F03D11/04	Wetter- und Montageschutzvorrichtung f³r Rotorblõtter

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DE102007054789 A1 20090520	DE200710054789 20071114	LAHSE ROALD [DE]	F03D9/00 ; F03D5/04	Small-sized wind engine for electrical energy generation to charge e.g. Battery in truck, has rolling rotor including rotor housing, and barrier provided between radiator grill and cooler, where airflow strikes barrier
DE202009000558U U1 20090604	DE200920000558U 20090117	LANGE THOMAS [DE]	F03D3/04	Windenergienutzung zur Erzeugung von Strom und warmem Wasser mittels eines Savoniusrotors mit stõndig zum Wind ausgerichtetem optimiertem Str÷mungskanal zum Rotor
FR2919686 A1 20090206	FR20070056928 20070803	LECANU PIERRE [FR]; BREARD JOEL [FR]	F03D11/02 ; F03B13/10; F03D3/00	Turbine telle qu'eolienne, en particulier a axe vertical, notamment de type darrieus
KR20090056349 A 20090603	KR20070123462 20071130	LEE JONG BAE [KR]	F03D1/06 ; F03D7/02	The flier width control possible windmill
KR100884808B B1 20090220	KR20070090999 20070907	LEE JOO SANG [KR]	F03D3/06 ; F03D3/02	The ultralight wind power generator of variable wings
KR20090056280 A 20090603	KR20070123358 20071130	LEE JOON YUL [KR]	F03D3/06	Windmill for a wind power aerogenerator
KR20090064731 A 20090622	KR20070132038 20071217	LEE JOON YUL [KR]	F03D3/06	Windmill for a wind power aerogenerator
KR20090043644 A 20090507	KR20070109290 20071030	LEE KOO SHIK [KR]; LEE DAE HOON [KR]	F03B13/12; F03D5/02	Carriadge in the wind or hydro power system
KR20090060920 A 20090615	KR20070127297 20071210	LEE KOO SHIK [KR]; LEE DAE HOON [KR]	F03B13/12; F03D5/02	Wind-hydro power generating system and method
EP2021623 A1 20090211	WO2007KR01486 20070327; KR20060047367 20060526	LEE MIN SUNG [KR]	F03D3/06	Rotor for wind turbine

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KR20090059962 A 20090611	KR20070127072 20071207	LEE SUNG JUNG [KR]	F03D5/06 ; F03D5/00	Wind power generater
WO2009062376 A1 20090522	CN20071165703 20071025	LEI YUENING [CN]; LEI SHENGQING [CN]	F03D3/04 ; F03D3/02 ; F03D7/06	Parallel bundled wind power generating device
CN101440778 A 20090527	CN20071114615 20071122	LEI ZOU [CN]	F03D7/04	Flexible paddle changing mechanism of self-energy generating type wind power generator
WO2009030070 A1 20090312	WO2007CN02653 20070905	LEU HSECH-PEN [CN]	F03D3/00	A large sized safe windmill with high efficiency
CN201187418Y Y 20090128	CN20082089111U 20080118	LIANFEI LI [CN]	F03D9/00 ; F03D3/06 ; F03D7/06 ; F03D11/00	Direct impelling various gravity acceleration wind energy power generation transmission device
NO327219B B1 20090511	NO20070004764 20070918	LIE INGVALD [NO]	F03D3/00 ; F03D3/06 ; F03D5/02 ; F03D5/04 ; F03D7/02	Innretning for magnetisk opplagring av vinger til vindturbiner med paralell og lineaer bevegelse
SE0702854 A 20090621	SE20070002854 20071220	LILJEHOLM KONSULT AB [SE]	F03D7/06	Anordning f÷r att reglera anfallsvinkeln i vindturbiner
FR2923555 A1 20090515	FR20070058918 20071109	LIMINANA ANTOINE [FR]; LIMINANA SIMONE [FR]	F03D9/00 ; F03B17/06; F03D1/04 ; F03D3/04 ; F03D11/04	Energy producing device for use on system in e.g. Building, has energy producing module placed at interior of channel to receive concentrated fluid, where fluid is evacuated by fluid exhaust zone
CA2641736 A1 20090610	TW20070146949 20071210; TW20080101274 20080114; TW20080115168 20080425; TW20080125609	LIN CHU FU [TW]	H02K7/18; F03G7/00; F03G7/10; H02K7/116	Centrifugal driving electricity generation system for energyconservation

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	20080707			
EP2071713 A2 20090617	TW20080125609 20080707; TW20080115168 20080425; TW20080101274 20080114; TW20070146949 20071210; EP20080165526 20080930; EP20080168133 20081031	LIN CHU FU [TW]	H02K53/00	Centrifugal driving electricity generation system for energy conservation
WO2009033364 A1 20090319	US20070899531 20070907	LIN YINGLANG [CN]	F03D3/00	A wind motor system
CN101358575 A 20090204	CN20071025831 20070805	LIN YOU [CN]	F03D1/06 ; F03D7/04	Pitch balancing device for pitch-control type wind power generator
CN201209518Y Y 20090318	CN20082111889U 20080506	LINBO XU [CN]	F03D3/06 ; F03D3/04 ; F03D9/00	Wind wheel with bonnet and guiding device
CN101449071 A 20090603	DE200620008288U 20060523	LINCOLN GMBH [DE]	F16C33/58	Bearing arrangement and metering valve and suction device therefor
EP2019931 A1 20090204	WO2007EP04462 20070518; DE200620008288U 20060523; DE200620011249U 20060719; DE200720005273U 20070410	LINCOLN GMBH [DE]	F16C33/58; F03D11/00 ; F16C33/66	Bearing arrangement and metering valve and suction device therefor
CN101354013 A 20090128	CN20081118981 20080827	LINGQUN LI [CN]	F03D9/00 ; F03D1/04 ; F03D1/06 ; F03D7/02 ; F03D11/00 ; F16C32/04; H02N15/00	Magnetic floating and magnetic moving horizontal fan shaft windmill electric generating apparatus

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CN101354014 A 20090128	CN20081118982 20080827	LINGQUN LI [CN]	F03D9/00 ; F03D1/04 ; F03D1/06 ; F03D7/02 ; F03D11/00 ; F16C32/04; H02N15/00	Magnetic floating and magnetic moving non-fan shaft windmill electric generating apparatus
CN101377184 A 20090304	CN20081168004 20080917	LINHAI LI [CN]	F03B13/14; F03D9/00	Kinetic energy obtaining and converting system
CN201222689Y Y 20090415	CN20082058702U 20080521	LIRONG SUN [CN]	H02K16/00; F03D1/06 ; H02K7/09; H02K7/116; H02K7/18	Wind force magnetic floating generator
CN201262132Y Y 20090624	CN20082086902U 20080516	LIU JUN [CN]	F03D3/04	Wind collection apparatus of freeway aerogenerator
CN201187402Y Y 20090128	CN20082080325U 20080430	LIWU HE [CN]	F03D1/06 ; F03D11/00	Self-adapting three-blade wind wheel for wind power generation
CN201187403Y Y 20090128	CN20082080326U 20080430	LIWU HE [CN]	F03D1/06 ; F03D11/00	Self-adapting four-blade wind wheel for wind power generation
RU2347940 C1 20090227	RU20070135134 20070921	LJATKHER VIKTOR MIKHAJLOVICH [RU]	F03B13/24	Wave power generation plant
RU2352811 C1 20090420	RU20070136389 20071003	LJATKHER VIKTOR MIKHAJLOVICH [RU]	F03D5/00	Windmill
ES2313013T T3 20090301	DK20030000882 20030612	LM GLASFIBER AS	G01W1/16; F03D1/00 ; F03D11/00 ; G01R29/08; H02G13/00	Registro de rayos en una turbina eolica.
AT427421T T 20090415	DK20000001868 20001213	LM GLASFIBER AS [DK]	F03D11/00 ; F03D1/06 ; H05F3/04	Rotorblatt fur eine windturbine mit kombiniertem blitzableiter und wasserableiter, sowie blitzableiter mit wasserableiter
DK1623111T T3 20090112	DK20030000670 20030505; WO2004DK00294 20040429	LM GLASFIBER AS [DK]	F03D1/06 ; F03D7/02 ; F03D7/04	Vindm÷llevinge med opdriftsregulerende organer
CN101341332 A 20090107	DK20050001800 20051220	LM GLASFIBER AS [DK]	F03D1/06	Wind turbine rotor blade comprising a trailing edge section of constant cross section

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DK200900656 A 20090527	DK20060001554 20061127; DK20090000656 20090527	LM GLASFIBER AS [DK]	F03D7/02 ; F03D11/00	Pitch af vinger põ et vindenergianlõg
EP2031241 A1 20090304	EP20070388060 20070829	LM GLASFIBER AS [DK]	F03D1/06 ; F03D7/02 ; F03D11/00	Blade for a rotor of a wind turbine provided with barrier generating means
EP2031242 A1 20090304	EP20070388061 20070829	LM GLASFIBER AS [DK]	F03D1/06	A blade element for mounting on a wind turbine blade and a method of changing the aerodynamic profile of a wind turbine blade
EP2031243 A1 20090304	EP20070388064 20070831	LM GLASFIBER AS [DK]	F03D1/06	Means to maintain a flow attached to the exterior of a flow control member
EP2031244 A1 20090304	EP20070388065 20070831	LM GLASFIBER AS [DK]	F03D1/06	Means to maintain flow of a flowing medium attached to the exterior of a flow control member by use of crossing sub-channels
EP2065299 A1 20090603	EP20070388086 20071127	LM GLASFIBER AS [DK]	B63B9/06; B63B35/00; F03D1/06 ; F03D11/04	Seaborne transportation of wind turbine blades
DE60319261T T2 20090212	WO2003DK00777 20031112; DK20020001743 20021112	LM GLASFIBER AS [DK]	B29C65/78; B29C33/20; B29C33/26; B29C69/00; B29C70/44; F03D1/06	Formwerkzeuganordnung mit schliessmechanismus
CN101371039 A 20090218	DE200610004096 20060128	LOHMANN & STOLTERFOHT GMBH [DE]	F03D11/00 ; F03D11/02	Drive train between a rotor and a gear unit of a wind power plant
CN101397975 A 20090401	CN20081029142 20080701	LONG BINGXIN [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	N layer spheroid cavity turbo type wind generator
CN101358579 A 20090204	CN20081051113 20080822	LONGHAO QUAN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D11/00	Wind-driven generator for preventing sandy soil erosion
CN201246275Y Y 20090527	CN20082072325U 20080822	LONGHAO QUAN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D7/06	All-directional direction-changing type large power wind power generation plant
GB2453991 A 20090429	GB20070020957 20071024	LORD PHILIP DOUGLAS [GB]	F01D7/00; F01D5/14; F03D1/06 ; F03D7/02	Uni-directional turbine

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MX2007011684 A 20090323	MX20070011684 20070921	LORETO SALOMON SITEN [MX]	F03D11/02	Air engine.
DE102007030268 A1 20090102	DE200710030268 20070628	LTI REENERGY GMBH [DE]	F03D7/02	Dynamic parameters e.g. Rotor angle, determination device for e.g. Water power plant, has measuring sensor connected with processing unit to exchange data, where unit determines rotational speed of rotor shaft from measuring component
EP2058939 A1 20090513	DE200710053613 20071108	LTI REENERGY GMBH [DE]	H02P7/28; F03D7/02	Wind energy plant with control circuit for operation under limited speed and voltage source protection concerning a series wound DC pitch drive with generator torque
DE102007059165 A1 20090528	DE200710057178 20071126; DE200710059165 20071206	LUCKS CHRISTOPH [DE]	G01B21/32; F03D11/00 ; G01B11/16; G01B21/16	Verfahren und System zur Messung einer Auslenkung eines Hohlbauteils einer Windenergieanlage aus einer Normalposition
AT433541T T 20090615	GB20040025827 20041124; WO2005GB50212 20051123	LUETHI MATTHEW [GB]	F03D7/06 ; F03D3/00 ; F03D3/06	Turbine mit vertikaler achse
DE202008014688U U1 20090115	DE200820014688U 20081105	LUETTMERS JOHANN [DE]	F03D3/00 ; F03B17/06	Vorrichtung mehrarmige zweiseitig angetriebene horizontal arbeitende Str÷mungskreisel, montiert in den Etagen eines Stahlskelettturmes
CN201206535Y Y 20090311	CN20072170707U 20071110	LUXIN CAO [CN]	F03D11/00	Wind ball
AU2008230011 A1 20090507	ZA20070008925 20071017	LVM TRADERS NO 69 CC	F03D9/00 ; F04B9/02; F04B17/02; F04B47/02; F04B53/10	A pump for use in a windmill assembly
CA2605835 A1 20090403	CA20072605835 20071003	MACKELVIE WINSTON [CA]	F03D1/04 ; F15D1/10	Wind booster

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ES1068993U U 20090101	ES20080002192U 20081024	MADERA IGLESIAS JOSE RAMON [ES]	E05C17/00; F03D11/00	Dispositivo de seguridad de frenado y bloqueo para puertas sometidas a la accion del viento, en especial para aerogeneradores
JP2009074403 A 20090409	JP20070243094 20070919	MAEKAWA SEISAKUSHO KK; NITTO OPTICAL	F03D3/02 ; F03D3/06 ; F03D9/02	Windmill capable of indicating luminous image
BRPI0520279 A2 20090428	US20050120807 20050503; WO2005IB02996 20051007	MAGENN POWER INC [CA]	F03D11/04 ; F03D3/00 ; H02K7/18	Sistemas e métodos para turbinas a vento acorrentadas
US2009033098 A1 20090205	US20070890313 20070803	MAKANI POWER INC	F03D9/00	Controlling power extraction for wind power generation
FR2922969 A1 20090501	FR20070007543 20071026	MARCILLAT JACQUES [FR]; OHAYON DAVID [FR]	F03D3/06 ; F03D11/02	Dispositif de conversion d'energie eolienne a axe vertical
US2009097981 A1 20090416	US20060990321 20060811; US20050707643P 20050812; WO2006US31476 20060811	MARIAH POWER INC [US]	F03D3/06 ; F03D9/00	Low cost wind turbine
WO2009075872 A1 20090618	US20070007282P 20071212	MARIAH POWER INC [US]; GABRYS CHRISTOPHER W [US]; VANCE JOHN M [US]	F03D3/00 ; F03D9/00	Vertical axis wind turbine with rotating cantilever shaft
US2009102201 A1 20090423	US20080251935 20081015; US20070709320 20070220; US20050104673 20050413; US20030619732 20030714	MARQUISS WIND POWER INC [US]	F03D9/00	System and method for converting wind into mechanical energy

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US2009102202 A1 20090423	US20080251943 20081015; US20070709320 20070220; US20050104673 20050413; US20030619732 20030714	MARQUISS WIND POWER INC [US]	F03D9/00	System and method for converting wind into mechanical energy
US2009160197 A1 20090625	US20080343173 20081223; US20070709320 20070220; US20050104673 20050413; US20030619732 20030714	MARQUISS WIND POWER INC [US]	F03D9/00	Apparatus and system for converting wind into mechanical or electrical energy
DE102007045297 A1 20090409	DE200710045297 20070921	MATHIEU ERNST-ULRICH [DE]	F03D9/00	Mechanical energy/cooling producing device for warm-air propelled power and cooling unit, has drive wheel evacuating heated air from suction area to develop low pressure so that atmospheric air cools and heats medium
WO2009076757 A2 20090625	US20070014002P 20071214	MCCONNELL DAVID [CA]; KENWAY DANIEL [CA]; GARNEAU DWAYNE [CA]	F03D9/02 ; F03D11/00 ; F15B1/02	Wind to electric energy conversion with hydraulic storage
GB2453357 A 20090408	GB20070019387 20071004	MCKENNA MATTHEW GALLOWAY [GB]	F03D11/04 ; B60L8/00; F03D9/00 ; F03D9/02	Vehicle mounted wind turbine
WO2009004981 A1 20090108	JP20070171708 20070629	MECARO CO LTD [JP]; MURAKAMI NOBUHIRO [JP]	F03D1/06 ; F03D3/06	Magnus type wind driven electric power generator
WO2009004828 A1 20090108	JP20070171709 20070629	MECARO CO LTD [JP]; MURAKAMI NOBUHIRO [JP]	F03D1/06	Magnus type wind power generator
JP2009002263 A 20090108	JP20070165049 20070622	MECARO KK; MURAKAMI NOBUHIRO	F03D3/06 ; F03D7/04 ; F03D11/00	Magnus type wind power generator and its control method

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EP2012007 A1 20090107	EP20070013159 20070705	MEDIA VENTURES GMBH [DE]	F03D3/00 ; F03D3/04	Vertical axis wind turbine
JP2009115052 A 20090528	JP20070291701 20071109	MEKATORO GIKEN KK	F03D1/06 ; F03D11/00	Lightning damage prevention of wind powered generator device rotor blade
BRPI0702749 A2 20090310	BR2007PI02749 20070718	MENDONCA MARCOS NORALDINO [BR]	F03D3/00	Turboeólico
CN201187407Y Y 20090128	CN20082056174U 20080313	MENG CHU [CN]	F03D3/00 ; B63H13/00; F03D3/06 ; F03D9/00	Omnidirectional windmill and ship wind sail system using the same
GB2452226 A 20090225	WO2007US13368 20070606; US20060812466P 20060610; US20060850613P 20061010	MENGES PAMELA A [US]	F03D3/04 ; F03D3/06 ; F03D7/06 ; F03D9/00	Wind generator system
CN201198813Y Y 20090225	CN20082112884U 20080507	MENGYANG ZHANG [CN]	F03B13/00; F03D9/00	Double-ship water and wind dual-purpose power generation structure device utilizing artificial channel
DE202008014148U U1 20090305	DE200820014148U 20081023	MENKE BERNOLD [DE]	F03D11/00	Stromerzeuger
DE202008015348U U1 20090226	DE200820015348U 20081120	MESNER LEO [DE]	F03D9/00	Vorrichtung zur Erzeugung von elektrischem Strom mittels Kamin-/Zugluft
AU2008101143 A4 20090108	AU20070906763 20071213; AU20080101143 20081125	MICHAEL REID	F03D3/06 ; B63H7/02; B63H9/02; B64C11/18; B64C27/467; F03B3/12	Spinfoil aerodynamic device
EP2047100 A1 20090415	WO2007CA01258 20070717; US20060499538 20060804	MICHAUD LOUIS MARC [CA]	F03G7/00; F03D1/04 ; F03D11/04 ; F03G6/00; F28C1/04	Vortex engine
US2009123289 A1 20090514	US20070937183 20071108	MIDWEST RESEARCH INST [US]	F01D5/14; F03D11/00	Quiet Airfoils For Small and Large Wind Turbines

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DE202008014295U U1 20090122	DE200820014295U 20081027	MIG ELECTRONIC IND CO LTD [CN]	F03D9/00	Ein Belichtungsapparat mit einem Zugang zu nat³rlicher Energie
RU2346182 C2 20090210	RU20070108125 20070305	MIKHEEV ALEKSANDR ALEKSANDROVI [RU]	F03D5/02	Windmill sailing plant (versions)
KR20090018245 A 20090220	KR20070082541 20070817	MIN SUNG GI [KR]	F03D1/04 ; F03D1/02 ; F03D9/00	Wind velocity reduction equipment for vehicles
CN101338728 A 20090107	CN20081146406 20080828	MINGYUE HU [CN]	F03D5/00 ; F03D11/00	Combination type windwheel units
CN101451498 A 20090610	CN20071180567 20071128	MINGZHAO SUN [CN]	F03D7/06	Soft dynamic wind blade regulation device
CN201180619Y Y 20090114	CN20072092996U 20071128	MINGZHAO SUN [CN]	F03D3/06 ; F03D7/06 ; G09F21/00	Soft dynamic regulation fan blade device
DE102007056123 A1 20090528	DE200710056123 20071121	MISLAVSKYY OLEKSANDR [DE]	F03D11/04	Wind power machine for conversion of wind energy into electrical energy, has tower whose components are rotated upto preset position, when horizontal axis of blades provides vertical orientation
JP2009138523 A 20090625	JP20070312228 20071203	MITSUBISHI ELECTRIC CORP	F03D9/02	Method of estimating output of wind power generation
JP2009002175 A 20090108	JP20070161652 20070619	MITSUBISHI HEAVY IND LTD	F03D11/00 ; F03D1/06 ; F03D11/04	Replacement method of equipment for wind mill
JP2009002206 A 20090108	JP20070162840 20070620	MITSUBISHI HEAVY IND LTD	F03D11/00 ; F03D1/06	Suspending device of wind mill rotary blade, mounting method of wind mill rotary blade and construction method of wind power generation device
JP2009002274 A 20090108	JP20070165198 20070622	MITSUBISHI HEAVY IND LTD	F03D11/00 ; F03D1/00	Wind power generation device and construction method of wind power generation device
JP2009068379 A 20090402	JP20070235831 20070911	MITSUBISHI HEAVY IND LTD	F03D7/04 ; F03D9/00	Wind power generation system and method for controlling the same
JP2009068383 A 20090402	JP20070236154 20070912	MITSUBISHI HEAVY IND LTD	F03D9/00 ; F03D1/06 ; F03D11/00	Offshore wind turbine generation system, offshore wind farm

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JP2009138555 A 20090625	JP20070313616 20071204	MITSUBISHI HEAVY IND LTD	F03D11/00 ; F03D9/00	Wind power generation apparatus
US2009146423 A1 20090611	JP20050041012 20050217; WO2006JP302707 20060216	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00 ; H02P9/04	Power generating system
CN101341334 A 20090107	JP20050368667 20051221	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00 ; H05F3/04	Lightning protection device of windmill blade
US2009066089 A1 20090312	JP20060052394 20060228; WO2007JP53601 20070227	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00	Wind Power Generator System and Control Method of the Same
KR20090061021 A 20090615	JP20070132455 20070518	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00 ; F03D1/06 ; F03D7/00	Wind power apparatus
US2009058086 A1 20090305	US20070896152 20070830	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00	Wind turbine system for satisfying low-voltage ride through requirement
WO2009078072 A1 20090625	WO2007JP74110 20071214	MITSUBISHI HEAVY IND LTD [JP]; ARINAGA SHINJI [JP]; MATSUSHITA TAKATOSHI [JP]; WAKASA TSUYOSHI [JP]; SHIBATA MASAAKI [JP]; YASUGI AKIRA [JP]	F03D7/04	Wind power generation system and its operation control method
WO2009078075 A1 20090625	WO2007JP74120 20071214	MITSUBISHI HEAVY IND LTD [JP]; ARINAGA SHINJI [JP]; MATSUSHITA TAKATOSHI [JP]; WAKASA TSUYOSHI [JP]; SHIBATA MASAAKI [JP]; YASUGI AKIRA [JP]	H02H3/08; F03D9/00 ; H02J3/38; H02P9/00	Aerogenerator system
WO2009066360 A1 20090528	WO2007JP72352 20071119	MITSUBISHI HEAVY IND LTD [JP]; HAYASHI KENTARO [JP]; NISHINO HIROSHI [JP]; HOSOYA HIROYUKI [JP]; MATSUO ATSUSHI [JP];	F03D1/06 ; F03D11/00	Windmill blade and wind power generator using same

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		KARIKOMI KAI [JP]		
WO2009066491 A1 20090528	JP20070302626 20071122	MITSUBISHI HEAVY IND LTD [JP]; KAWAI MASAHIRO [JP]; MATSUSHITA TAKATOSHI [JP]	F03D11/00 ; F03D1/06	Wind power generator
WO2009054152 A1 20090430	JP20070275124 20071023	MITSUBISHI HEAVY IND LTD [JP]; NUMAJIRI TOMOHIRO [JP]	F03D11/02 ; F03D1/06 ; F03D9/00	Wind power generator
WO2009044843 A1 20090409	JP20070261721 20071005	MITSUBISHI HEAVY IND LTD [JP]; SATO SHINSUKE [JP]; SATO TOSHIHIRO [JP]; FUKUDA HIDEO [JP]; KUSHIOKA KIYONORI [JP]; HIRAI SHIGETO [JP]; SAKATA NOBUYASU [JP]; SHIRAISHI TATSUYA [JP]	F03D11/00	Wind driven electric power generator
JP2009113922 A 20090528	JP20070289188 20071107	MITSUI SHIPBUILDING ENG	B66C23/20; F03D11/04	Construction method for tower structure and crane for construction
JP2009085009 A 20090423	JP20070251511 20070927	MIZUNO TECHNICS KK	F03D11/00 ; F03D3/06	Blade structure of vertical shaft windmill and its manufacturing method
JP2009114897 A 20090528	JP20070286628 20071102	MIZUNO TECHNICS KK; UNIV OSAKA PREFECTURE	F03D3/06 ; F03D11/00	Gyro-mill-type windmill blade
ES2310655T T3 20090116	US20020319249P 20020516	MLH GLOBAL CORP INC	F03D11/02 ; F16H61/42	Turbina eolica con transmision hidraulica.
WO2009008863 A1 20090115	WO2007US15854 20070712	MLS ELECTROSYSTEM LLC [US]; ROWAN PAUL JOHN [US]; JONES STEPHEN P [US]; CLELAND ALAN DUANE [US]	F03D9/00 ; F01D5/00; F03D7/00 ; H02P9/04	Method and apparatus for grid loss ride-through for wind turbine pitch control system

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EP2018474 A1 20090128	WO2007EP54521 20070510; EP20060113881 20060512; EP20070728973 20070510	MMI TRUST HOLDING S A [LU]	F03D1/04 ; F03D1/02	Wind turbine and wind power installation
DE102007036138 A1 20090205	DE200710036138 20070731	MOELLER PETER [DE]; ROSE MANFRED [DE]	F03G7/00; F01K27/00; F03D9/00 ; H02N6/00	Combination power plant, has energy generators formed by combinational usage of energy source such as sun, wind, water, geothermal energy, thermal, bio-gas, natural gas, and bio mass
WO2009064264 A1 20090522	WO2007US23681 20071109	MOOG INC [US]; GEIGER DAVID [US]	F03D7/02	Electro-hydraulic actuator for controlling the pitch of a blade of a wind turbine
KR100893299B B1 20090417	KR20080073649 20080728	MOON SUK YONG [KR]	F03D3/04 ; F03D3/06	Vertical axis type wind power generator
GB2453335 A 20090408	GB20070019192 20071002	MORINA BEKIM	F03D3/06	Transverse flow wind turbine
EP2069050 A1 20090617	WO2007SE50635 20070911; SE20060002124 20061006	MORPHIC TECHNOLOGIES AB [SE]	B01D53/62; B01D53/73; C07C31/04; F03D9/02	A method and an arrangement for extracting carbon dioxide from air
SE531159 C2 20090107	SE20060002125 20061006	MORPHIC TECHNOLOGIES AB PUBL [SE]	C07C31/04; B01D53/62; B01D53/73; F03D9/02	Metod och arrangemang f÷r att producera metanol
CA2599089 A1 20090223	US20070895568 20070823	MORRIS DAVID C [US]	F03D5/06 ; F03B17/06	Oscillating fluid power generator
WO2009017686 A2 20090205	US20070935130P 20070727	MUCHOW DAVID J [US]; JONES HUGH [US]; ZULKOSKY SARA V [US]; NUNEZ ALBERT [US]	F03D1/00 ; F03D7/00 ; F03D9/00 ; F03D9/02	Renewable energy trailer
KR20090068484 A 20090629	KR20070136125 20071224	MUN SUNG JUN [KR]	F03D11/02 ; F03D3/04 ; F03D3/06	Shaft for a vertical axis wind power generator with multiple blades

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JP2009008095 A 20090115	JP20080231116 20080909	NABTESCO CORP	F03D7/04 ; F03D11/00	Pitch angle control device for wind turbine blade
JP2009085090 A 20090423	JP20070255788 20070928	NAGAHABA KIYOSHI	F03D3/06	Wind turbine device
JP2009117323 A 20090528	JP20070316378 20071107	NAGAI MASAYA	H01M8/08; B01J19/00; C01B3/06; C01B21/40; C01B31/20; C07C5/08; C07C11/04; C07C29/141; C07C29/151; C07C31/04; C07C31/08; F03D9/00 ; H01M6/04; H01M8/00	Fuel-dissolution type fuel cell
WO2009009350 A2 20090115	US20070958686P 20070709; US20080164874 20080630	NAIL JASPER M [US]	F03B13/10; F03D3/00	Flow stream momentum conversion device power rotor
CN101449054 A 20090603	WO2006FR00068 20060112	NAIOLIS CO LTD [FR]	F03D1/06	Horizontal axis wind powered generator
CN201258830Y Y 20090617	CN20082185201U 20080826	NANJING SUNAIGE WIND POWER GEN [CN]	F03D9/00	Wind power generation plant
JP2009030583 A 20090212	JP20070219021 20070730	NASHIRO TETSUYA	F03D3/06 ; F03D11/00	Sheet blade for vertical shaft windmill, and method for reinforcing branch line of its arm
JP2009041477 A 20090226	JP20070208337 20070809	NAT MARITIME RES INST	F03D9/00 ; F03D9/02	Movable marine wind power generator
DE202009004539U U1 20090610	DE200920003659U 20090317; DE200920004539U 20090401	NEUHAEUSER GMBH [DE]	F03D1/02 ; F03D3/02	Windkraftanlage

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FR2922273 A1 20090417	FR20070007173 20071012	NHEOLIS SARL [FR]	F03D3/06 ; F03D7/06	Rotor for electric power generation device, has semi-conical blades obliquely oriented with respect to rotational axis, and modification unit modifying obliquity of blades, where blades are connected to shaft by connections
WO2009006721 A1 20090115	WO2007CA01200 20070709	NICA HORIA [CA]	F03D3/06 ; F03D11/00	Boundary layer wind turbine with tangetial rotor blades
JP2009131086 A 20090611	JP20070304831 20071126	NIKKO KK; KOMATSU POWERTRON KK; TOSHIBA IT & CONTROL SYS CORP	H02P9/00; F03D9/00	Wind power generation apparatus
JP2009052544 A 20090312	JP20070200359 20070801; JP20080158814 20080618	NIKKO KK; SHIBATA IND CO LTD	F03D11/00 ; F03D7/04	Cylindrical body for horizontal-axis windmill and its manufacturing method
DE102007061517 A1 20090625	DE200710061517 20071218	NIKOLAUS THOMAS [DE]	F03D9/00	System for supplying energy from hydraulically operated wind energy plant, comprises one or multiple wind energy plants driven by alternative and controllable one or multiple hydraulic motors, where different loads are put into operation
CN201221447Y Y 20090415	CN20082121500U 20080715	NINGBO INFIN ENERGY TECHNOLOGY [CN]	F03D9/00 ; F03D1/04 ; F03D7/02 ; F03D11/00	Wind collecting barrel type horizontal axis power generation system
CN101392726 A 20090325	CN20081121931 20081023	NINGBO XINDA GROUP CO LTD [CN]	F03D7/02	Pulp distance varying mechanism of wind power generator
CN101338731 A 20090107	CN20081120018 20080715	NINGBO YINFENG ENERGY TECHNOLO [CN]	F03D9/00 ; F03D1/04 ; F03D7/02	Wind collection type barrel type cross axis power generation system
CN201225239Y Y 20090422	CN20082120365U 20080626	NINGBO YINFENG ENERGY TECHNOLO [CN]	F03D9/02 ; F03D7/00 ; H02N6/00	Wind and light complementary power generation system
CN201225236Y Y 20090422	CN20082121973U 20080724	NINGBO YINFENG ENERGY TECHNOLO [CN]	F03D9/00 ; F03D1/04 ; F03D11/00	Air mechanics tower type wind power generation system
KR20090050485 A	KR20070116933	NOGUCHI TSUNEO [JP];	F03D9/00	Wind power generation unit and median strip

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20090520	20071115	YOON YANG IL [KR]		with the same
KR20090051669 A 20090522	KR20070118163 20071119	NOGUCHI TSUNEO [JP]; YOON YANG IL [KR]	F03D3/04	Wind-collecting type windmill for wind power generation
RU2351795 C2 20090410	DE200510059888 20051215	NORDEKS EHNERDZHI GMBKH [DE]	F03D7/02	Windmill propeller arrangement in compliance with rotary speed
ES2318108T T3 20090501	DE20021002995 20020126	NORDEX ENERGY GMBH	F03D11/00 ; F01D5/26; G10K11/16	Pala de rotor para una instalacion de energia eolica con un dispositivo amortiguador.
US2009079192 A1 20090326	DE200410024564 20040518; WO2005EP04842 20050504	NORDEX ENERGY GMBH [DE]	H02P9/04; F03D7/02 ; F03D7/04 ; F03D9/00	Method for controlling and adjusting a wind turbine
EP2017471 A2 20090121	DE200710019907 20070427	NORDEX ENERGY GMBH [DE]	F03D7/04	Device for active moderation of the power house of a wind farm
DE102007029469 A1 20090102	DE200710029469 20070626	NORDEX ENERGY GMBH [DE]	F03D1/00 ; F03D9/00 ; F03D11/00 ; F16H57/04; F16N7/36	Wind energy plant transmission has oil delivery device, which delivered oil from oil sump, and spur wheel section with two front gear wheels that are combined with one another
US2009001723 A1 20090101	DE200710030494 20070630	NORDEX ENERGY GMBH [DE]	F03D9/00	Method for starting up a wind energy plant after an operation stoppage and wind energy plant which can execute the method
US2009005909 A1 20090101	DE200710030501 20070630	NORDEX ENERGY GMBH [DE]	G05B15/02	Method for running in a drive train component of a wind energy plant and wind energy plant for executing this method
DE102007031065 A1 20090102	DE200710031065 20070628	NORDEX ENERGY GMBH [DE]	E04H12/02;E04H12/12; E04H12/16;E04H12/34; F03D11/04	Windenergieanlagenturm
CN101338729 A 20090107	DE200710031969 20070706	NORDEX ENERGY GMBH [DE]	F03D7/00 ; F03D11/00	Method and device for determining strain of wind energy device

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DE102007032937 A1 20090122	DE200710032937 20070714	NORDEX ENERGY GMBH [DE]	F03D1/06 ; F03D11/00	Protection device for rotor blade of wind turbine, has blade support partially covered in operating position, such that blade support is protected against penetration of humidity, where device is made of rubber material
EP2017474 A2 20090121	DE200710033806 20070717	NORDEX ENERGY GMBH [DE]	F03D11/02	Transmission for a wind turbine
DE102007035929 B3 20090115	DE200710035929 20070731	NORDEX ENERGY GMBH [DE]	F03D11/00 ; F03D11/04	Device e.g. For protecting rotor blade of wind energy plant that has be to tensioned, has blade for wind turbine, with device at trailing edge of rotor blade provided
US2009033097 A1 20090205	DE200710036444 20070802	NORDEX ENERGY GMBH [DE]	H02P9/04; F03D9/00	Wind park with a plurality of wind energy plants and method for the operation of the wind park
EP2020506 A2 20090204	DE200710036446 20070802	NORDEX ENERGY GMBH [DE]	F03D7/04 ; F03D9/00	Method for calculating a regulation reserve and wind energy facility with a control unit for same method
US2009033313 A1 20090205	DE200710036447 20070802	NORDEX ENERGY GMBH [DE]	G01R19/00	Method and apparatus for determining a characteristic curve for an electric variable of a wind energy plant
DE102007037542 A1 20090212	DE200710037542 20070809	NORDEX ENERGY GMBH [DE]	F03D1/00 ; F03D9/00 ; F03D11/00 ; F16H1/28	Gearing for a wind-power installation has a casing with casing sections fitted on a rotor side and on a generator side so as to encase a central casing section
DE102007042182 A1 20090312	DE200710042182 20070905	NORDEX ENERGY GMBH [DE]	F03D1/06 ; F03D7/00	Wind power plant, has control equipment controlling eddy current brake during exceeding of border number of revolutions of adjustment drive of adjustment device, so that current brake limits number of revolutions of adjustment drive
CN101392725 A 20090325	DE200710045437 20070922	NORDEX ENERGY GMBH [DE]	F03D7/02	Method for controlling a wind energy plant
DE102007052276 B3 20090115	DE200710052276 20071031	NORDEX ENERGY GMBH [DE]	F03D11/00 ; F03D1/06	Vorrichtung zur Bel³ftung einer Rotornabe einer Windenergieanlage

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DE102007057788 A1 20090604	DE200710057788 20071130	NORDEX ENERGY GMBH [DE]	F03D11/04	Lubricant supplying method for azimuth rotary connection, involves initiating supply of connection with lubricant when condition is fulfilled, where condition depends on whether rotating process is process for untwisting of cables
DE102007059285 A1 20090610	DE200710059285 20071208	NORDEX ENERGY GMBH [DE]	F03D1/06 ; F03D3/06	Rotor blade for use in rotor of wind turbine, has profile flown from leading edge to trailing edge, where leading edge is formed by rotational body in longitudinal section of blade, and body is rotatably supported about symmetric axis
DE102007062622 A1 20090625	DE200710062622 20071222	NORDEX ENERGY GMBH [DE]	F03D11/04 ; F03D11/00	Wind turbine for offshore-application, has azimuth part connected with tower and turbine house, and housing module with fastening section connected with turbine house and another fastening section connected with azimuth part
EP2015990 A2 20090121	WO2007NO00159 20070507; NO20060002052 20060508	NORSK MILJOEKRAFT FORSKNING OG [NO]	B64D15/22; B64D15/12; F03D11/00	Method and means for controlling power delivery to an equipment for counter-acting formation of ice or for removing snow/ice on a constructional element
US2009026771 A1 20090129	US20080246713 20081007; US20040858551 20040601; US20030474657P 20030530	NORTHERN POWER SYSTEMS INC [US]	F03D9/00 ; H02K7/102	Wind Turbine Having a Direct-Drive Drivetrain
US2009045634 A1 20090219	IN2007MU01563 20070813	NOSTRUM ENERGY PTE LTD	F03D9/00	Linear wind-powered electric generator
BRMU8700529U U2 20090106	BR2007MU8700529U 20070523	NOVAK ADCO [BR]	F03D11/04	Configuração de gerador eólico para aproveitamento e geração de energia em veículos

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RU2353799 C1 20090427	RU20070134198 20070913	NPOB VETROTEKHNIKA AOZT [RU]	F03D7/04	Method for operation of autonomous wind-electric station
JP2009041642 A 20090226	JP20070206377 20070808	NSK LTD	F16C33/46; F03D11/00 ; F16C19/26	Cylindrical roller bearing
JP2009008019 A 20090115	JP20070170511 20070628	NTN TOYO BEARING CO LTD	F03D11/00 ; F03D7/04	Yaw bearing
JP2009047240 A 20090305	JP20070213942 20070820	NTN TOYO BEARING CO LTD	F16C41/00; F03D1/06 ; F03D11/00 ; F16C19/52; F16C33/60	Roller bearing and fastening state monitoring method of roller bearing
JP2009047280 A 20090305	JP20070216111 20070822	NTN TOYO BEARING CO LTD	F16C19/38; F03D1/06 ; F03D11/00 ; F16C23/08; F16C27/06; F16C33/60; H02K7/08; H02K7/18	Bearing structure, and main shaft support structure for wind-driven generator
JP2009052681 A 20090312	JP20070220680 20070828	NTN TOYO BEARING CO LTD	F16C33/80; F03D11/00 ; F16C33/58; F16C33/66; F16C33/78	Bearing structure
JP2009063099 A 20090326	JP20070231927 20070906	NTN TOYO BEARING CO LTD	F16C33/60; F03D11/00 ; F16C19/38; F16C23/08; F16C33/62	Raceway ring for rolling bearing, and self-aligning roller bearing
JP2009063101 A 20090326	JP20070231929 20070906	NTN TOYO BEARING CO LTD	F16C33/60; F03D11/00 ; F16C23/08	Rolling bearing
JP2009115139 A 20090528	JP20070286502 20071102	NTN TOYO BEARING CO LTD	F16C33/34; F03D11/00 ; F16C33/62	Rolling member of rolling bearing for wind power generation device and rolling bearing for wind power generation device
JP2009133403 A 20090618	JP20070310051 20071130	NTN TOYO BEARING CO LTD	F16C33/56; F03D1/06 ; F03D11/00 ; F16C33/58	Spindle supporting rolling bearing for wind power generation device
CN101341349 A 20090107	JP20050368588 20051221	NTN TOYO BEARING CO LTD [JP]	F16C33/46; F03D11/00 ; F16C19/36; F16C33/56; H02K5/173	Rolling bearing, retainer segment, and main shaft support structure for wind-driven generator

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CN101400911 A 20090401	JP20060066175 20060310	NTN TOYO BEARING CO LTD [JP]	F16C33/51; F03D11/00 ; F16C19/36	Roller bearing, cage segment, spacer, and main-shaft support structure for wind-driven generator
EP2060806 A1 20090520	WO2007JP67199 20070904; JP20060244396 20060908; JP20060244397 20060908; JP20060352462 20061227; JP20070148352 20070604; JP20070148353 20070604	NTN TOYO BEARING CO LTD [JP]	F16C19/38; F03D11/04 ; F16C33/36; F16C35/063	Roller bearing, retainer segment for wind-power plant spindle supporting roller bearing, and spindle supporting structure of wind-power plant
US2009072543 A1 20090319	US20070857391 20070918	OA FURNITURE CO LTD [TW]	F03D9/00	Wind power system
JP2009024538 A 20090205	JP20070186601 20070718	OAK KK	F03D3/06 ; F03D11/00	Vertical shaft type wind power generator
CN101413481 A 20090422	CN20071113507 20071019	OCEAN UNIV CHINA [CN]	F03D3/00 ; F03D3/06 ; F03D7/06 ; F03D9/00 ; H02K7/18	Foldable wind power generation plant
CN101457738 A 20090617	CN20071181399 20071019	OCEAN UNIV CHINA [CN]	F03D3/06	Self-adapting flexible vane rotor
CN101415939 A 20090422	US20030481547P 20031023	OCEAN WIND TECHNOLOGY LLC [US]	F03D9/00 ; F03D1/00 ; F03D1/06 ; F03D7/02 ; F03D11/00 ; F03D11/04	Power generation assemblies
WO2009064737 A1 20090522	US20070938318 20071112; US20080106571P 20081018	OCEANWIND TECHNOLOGY LLC [US]; YAMAMOTO SHIGEYUKI [US]; COLBURN WARREN E JR [US]	F03D9/00	Power generation assemblies

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DK1262614T T3 20090126	DE20011026912 20010601	OEVERMANN GMBH & CO KG HOCH UN [DE]	E04H12/16; F03D11/04	Tõrnkonstruktion af spõndbeton
AT418007T T 20090115	SE20030001267 20030430	OLDIN KARIN [SE]	F03D3/02 ; F03D3/00 ; F03D3/04	Windkraftanlage des zyklontyps und verfahren zur energiegewinnung daraus
CA2593459 A1 20090104	CA20072593459 20070704	OLIVIER JACQUES [CA]	F03D3/00 ; F03D11/04	Wind turbine
EP2021625 A1 20090211	WO2007PT00022 20070531; PT20060103489 20060531	OMNIDEA LDA [PT]	F03D5/00 ; A63H27/08; F03D11/04	Atmospheric resources explorer
JP2009052514 A 20090312	JP20070222051 20070829	ONWAVE CORP	F03D9/00	Power generation system capable of adjusting output for adapting to environment
RU2352808 C2 20090420	RU20070115753 20070425	OOO VINDROTOR [RU]	F03D3/02	Wr power generation plant
US2009079194 A1 20090326	US20070903367 20070921	OPTIWIND INC [US]	F03D9/00 ; F03D7/04	(A1) system for operating a genertor as a motor in a turbine wind power generating system
WO2009044159 A1 20090409	GB20070019119 20071001	ORBITAL 2 LTD [GB]; HICKS RAYMOND JOHN [GB]; CUNLIFFE FRANCK [GB]	F16H57/08; F03D11/02	A transmission system for power generation
WO2009016508 A2 20090205	GB20070014777 20070730	ORBITAL 2 LTD [GB]; HICKS RAYMOND JOHN [GB]; CUNLIFFE FRANK [GB]	F03D11/02 ; F03D7/02 ; F03D7/04	Improvements in and relating to electrical power generation from fluid flow
JP2009121451 A 20090604	JP20070274732 20071023; JP20070163476 20070621; JP20070331388 20071225	OSAKA KOBUNSHI KAIHATSU KIKO K	F03D1/04 ; F03D1/06 ; F03D9/00 ; F03D11/00	Wind power generation device
JP2009047148 A 20090305	JP20070238500 20070818	OTA RYOZO	F03D3/04 ; F03D3/06 ; F03D9/00	Wind turbine for power generation

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JP2009047069 A 20090305	JP20070213897 20070820	OTA TOSHIAKI	F03D11/04 ; F03D1/06 ; F03D7/04	Wind power generation system
GB2454279 A 20090506	GB20080003869 20080303; GB20070021632 20071103	O'TOOLE BRENDON [GB]	B60K16/00; F03D9/02 ; H02J9/00	Vehicle based wind generation of electrical energy
DE102007049590 A1 20090416	DE200710049590 20071015	OURANOS EMMANUEL [DE]	F03D3/06	Three or four-laminated vertical wind turbine e.g. Savonius turbine, for producing current to be supplied to e.g. Private house in city, has blades terminated on inner-circle of larger radius, where larger openings are formed for wind flow
GB2451123 A 20090121	GB20070014120 20070720	OZ10 LTD [GB]	E04H15/16; E04H15/20	A tent with a chimney vent
GB2451466 A 20090204	GB20070014858 20070728	PAIN DAVE [GB]; JANDREZI BEN [GB]	F03D9/00 ; H01M10/46	Wind powered mobile charging device
GB2451089 A 20090121	GB20070013853 20070716	PALMER ROBERT STEPHEN [GB]	F03D3/06 ; F03D7/06	Wind turbine with folding sails
CA2610083 A1 20090508	CA20072610083 20071108	PANAHI KAUMARCE [CA]	F03D3/04	Zephyr wind turbine
JP2009077508 A 20090409	JP20070243232 20070920	PANASONIC CORP	H02J7/35; F03D3/00 ; F03D9/00 ; F03D9/02 ; H01L31/042	Independent power supply
JP2009092008 A 20090430	JP20070264297 20071010	PANASONIC CORP	F03D7/00 ; F03D9/00 ; F03D9/02	Wind power generation device
JP2009108853 A 20090521	JP20070264300 20071010; JP20080260536 20081007	PANASONIC CORP	F03D9/02 ; H01L31/042	Sunlight wind power generation device

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DE112005003702T T5 20090604	RO20040001143 20041222; WO2005RO00017 20051125	PANU MISAILESCU DUMITRU [RO]	F04D1/02; F01D1/34; F03B3/02; F03D3/06	Hochkapazitõtsrelativistrotor
AT430258T T 20090515	WO2003GR00037 20030908; GR20030100150 20030327	PAPAGEORGIOU CHRISTOS [GR]	F03G6/04; F03D1/04	Schwimmend gelagerter solarkamin
KR20090008134 A 20090121	KR20070070946 20070716; KR20070073795 20070724	PARK JAE CHEOL [KR]	F03B13/26; F03B13/12	The structure of the water-power generation device
KR20090040190 A 20090423	KR20070106422 20071019	PARK JAE WON [KR]	F03D3/02 ; F03D9/00	Buildng type wind power generato system
KR20090026104 A 20090311	KR20070091840 20070907	PARK JONG WON [KR]	F03B7/00; F03B3/06	Wheel having nabi blade
KR20090066236 A 20090623	KR20070134883 20071218	PARK JONG WON [KR]	F03B3/04; F03D3/00	Apparatus for converting power having loading pressure plate and apparatus for generating power
WO2009031865 A2 20090312	KR20070091840 20070907; KR20080088022 20080908	PARK JONGWON [KR]	F03B7/00	Wheel having nabi blade
KR20090033195 A 20090401	KR20090010825 20090209	PARK JUNG HOON [KR]	B63B15/00; B63H19/00; B63H21/17; F03D9/00	A ship attached a wind generator
KR20090042895 A 20090504	KR20090031892 20090413	PARK KWANG [KR]	F03D3/06 ; F03D7/06 ; F03D11/00 ; F03D11/02	Apparatus of vertical axis windmill for wind turbine
DE202008013954U U1 20090319	DE200820013954U 20081018	PEICKERT ULRICH JOACHIM CHRIST [DE]; WEGENER KARLHEINZ JOACHIM [DE]	F03B13/08; F03B7/00; F03D9/00	, automatischer H÷henregulierung, Kleinwindkraftanlagen und Photovoltaik

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DE202008015173U U1 20090625	DE200820015173U 20081115	PEICKERT ULRICH JOACHIM CHRIST [DE]; WEGENER KARLHEINZ JOACHIM [DE]	F03D3/06 ; F03D3/04 ; F03D9/00	Axialsymmetrische Windkraftanlage mit vertikalen Achsen und Photovoltaik
CN201212457Y Y 20090325	CN20082126452U 20080630	PENG ZHANG [CN]	F03D9/00 ; F03D7/06	Wind power generator for aligning blade with wind direction automatically
CN201209516Y Y 20090318	CN20082126453U 20080630	PENG ZHANG [CN]	F03D3/04 ; F03D9/00	Wind-collecting power generator
JP2009013829 A 20090122	JP20070174991 20070703	PENTA OCEAN CONSTRUCTION; TOKYO ELECTRIC POWER CO	F03D9/00 ; B63B35/00	Catamaran for installing offshore wind power generation device and installation method of the offshore wind power generation device
WO2009005383 A1 20090108	PT20070103515 20070703	PEREIRA FERNANDO CARLOS SANTOS [PT]	F03D9/00	Joint system for convertion of eolic, solar, sea waves and marine current energies
ES2319599 A1 20090508	ES20070000059 20070108	PETRI LARREA GUILLERMO [ES]; SANCHO RODRIGUEZ JOSE	F03D11/00 ; F03D1/06	Sistema reversible de seccionamiento en varias piezas de palas de aerogeneradores.
DE102007031831 A1 20090115	DE200710031831 20070707	PIENDL CHRISTIAN [DE]	F03D9/00	Air pulling power plant e.g. For generating electricity from wind power, has target draft produced inside buildings which propels rotors or wind turbines, and which continuous AC power can be generated
CN201193592Y Y 20090211	CN20082022332U 20080514	PING LIN [CN]	F03D9/00 ; F03D7/04	Wind power generator
KR20090039393 A 20090422	KR20070105009 20071018	PLASPO CO LTD [KR]	F03D7/00 ; H02P9/00	Wind power generation system having parallel inverter
KR20090053009 A 20090527	KR20070119615 20071122	PLASPO CO LTD [KR]	F03D7/00 ; F03D11/00	Method for low voltage ride through and wind turbine for performing the method
DE202008006801U U1 20090319	DE200820006801U 20080520	PLATHNER CARL [DE]	F03D3/06	Str÷mungsrezeptor mit symmetrischem Hauptprofil und Vorfl³gel
KR20090030519 A 20090325	KR20070095877 20070920	POSCO [KR]	F03D5/06 ; F03D9/00	The wind power generator which uses the balloone

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EP2024636 A2 20090218	WO2007US13554 20070606; US20060448640 20060606	POWER DANIEL E III [US]; HANSEN NED R [US]; BACHTAR DODY [US]; SCHILKE ALAN [US]	F03D5/04	System for generating electricity from fluid currents
NZ533548 A 20090626	DK20010001817 20011206; DK20020000014 20020104; WO2002DK00823 20021204	PP ENERGY APS	B08B1/04; F03D1/00	Method and apparatus for treatment of a rotor blade on a windmill
CN101375008 A 20090225	DK20060000131 20060127	PP ENERGY APS [DK]	E04G3/30; F03D1/00	Device for enabling access to a structure above ground level
EP2069225 A1 20090617	WO2007DK00422 20071002; DK20060001276 20061002	PP ENERGY APS [DK]; GEO GLEISTEN UND SOHN GMBH [DE]	B66D1/38; B66D1/46; B66D1/54; B66D3/20; F03D1/00	Hoisting device
ES2319709 A1 20090511	ES20060003061 20061129	PRECON SA [ES]	E04H12/14; E04H12/10; E04H12/12; E04H12/16; F03D11/00	Estructura de soporte para dispositivos aerogeneradores
EP2045463 A1 20090408	WO2006UA00051 20060913; UA20060007729 20060710	PROJECT DESIGN AND TECHNOLOGIC [UA]	F03D1/02	Wind power plant
WO2009044386 A1 20090409	ID20070000547 20071003	PURNOMO R BUDI [ID]	F03D3/06	Vertical axis wind turbine
CN101435412 A 20090520	CN20081190618 20081219	QIANG YAN [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; F03D11/00	Vertical shaft wind power generator structure
CN201225235Y Y 20090422	CN20082065374U 20080121	QIMING PENG [CN]	F03D9/00 ; F03D11/04	Building altitude and laneway wind energy power generation system

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AT432474T T 20090615	GB20030004603 20030228; WO2004GB00841 20040226	QINETIQ LTD [GB]	G01P5/00; F03D7/02 ; F03D7/04 ; G01P5/26; G01S17/95	Regelungssystem einer windturbine mit einer lidar-vorrichtung zur windgeschwindigkeitsmessung
CN101440781 A 20090527	CN20071144655 20071123	QINGCHUN WANG [CN]	F03D9/00 ; F03D3/06 ; F03D7/06 ; H02K7/18	Automatic direction regulating low wind speed blade type wind power generator
CN201250765Y Y 20090603	CN20082187594U 20080806	QINGDAO ANHUA NEW ENERGY EQUIP [CN]	F03D9/00	Assembly type wind generating set
CN101403371 A 20090408	CN20081165888 20081006	QINGDAO TECHNOLOGICAL UNIVERSI [CN]	F03D9/00 ; H02J7/00; H02N6/00	Wind-light integration charger
CN201262134Y Y 20090624	CN20082209921U 20081006	QINGDAO TECHNOLOGICAL UNIVERSI [CN]	F03D9/00	Countryside portable charger
CN201202586Y Y 20090304	CN20072193462U 20071118	QINGLI ZHANG [CN]	F03D1/06 ; F03D7/02	Self-adjusting blade
CN101349242 A 20090121	CN20071137801 20070719	QINGMIN HE [CN]	F03D9/00 ; H02J7/14; H02K7/18	Mobile wind power station
CN101413484 A 20090422	CN20081209513 20081125	QINGTAI YANG [CN]	F03D9/00 ; F03D3/00 ; F03D3/04 ; F03D3/06	Assembly method of double-impact type wind wheel electric generating set
CN101413486 A 20090422	CN20081209580 20081201	QINGTAI YANG [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	Elastic multiple-blade wind wheel electric generating set and tower connection electric generating method
CN101413487 A 20090422	CN20081209595 20081203	QINGTAI YANG [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; F03D11/00	Method for assembling tripod support tower connecting wind generating set
CN101413488 A 20090422	CN20081209596 20081203	QINGTAI YANG [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D11/00	Method for assembling wind-collecting acceleration flexible shutter wind wheel electric generator
CN101451494 A 20090610	CN20071199429 20071206	QINGYAO LI [CN]	F03D3/04	Sail dam for wind motor
CN201180617Y Y 20090114	CN20082079615U 20080328	QISHAN LI [CN]	F03D3/00 ; F03D9/00	Vertical axis impeller wind power generation column

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CN201218168Y Y 20090408	CN20082109077U 20080708	QISHAN LI [CN]	F03B13/00; F03D9/00	Rotational flow power machine
CN101349241 A 20090121	CN20071137780 20070717	QIXIU GU [CN]	F03D9/00 ; F03D1/04	Vertical airflow power generation method and facility
GB2452488 A 20090311	GB20070017147 20070904	RASMUSSEN ULRIK [DK]	F15D1/12; B64C21/00; F03D7/02	Controlling an aerodynamic structure by dispensing a fluid
WO2009027663 A2 20090305	GB20070016733 20070830	REACTEC LTD [GB]; MARMO BRETT [GB]; BUCKINGHAM MARK-PAUL [GB]; KEEPAX CHARLES [GB]; MCKEOWN JOHN PAUL [GB]; CARRUTHERS BARRY [GB]; BLACK DONAL [GB]	F03D11/04	Tower
CN201212454Y Y 20090325	CN20082090386U 20080702	RENJIE WANG [CN]	F03D9/00 ; F03D3/04 ; F03D7/06	Bidirectional wind capturing vertical shaft wind turbine
CN201221448Y Y 20090415	CN20082150667U 20080710	RENLE MA [CN]	F03D11/04	Tridimensional adjustable combined type prestress anchor bolt
AT431502T T 20090515	DE200410046036 20040921; DE200410054608 20041111; WO2005EP10125 20050920	REPOWER SYSTEMS AG [DE]	F03D7/02 ; F03D7/04	Verfahren zur regelung einer windenergieanlage und windenergieanlage
CN101371037 A 20090218	DE200610001613 20060111	REPOWER SYSTEMS AG [DE]	F03D7/02 ; F03D7/04	Method for operating a wind energy installation and a wind energy installation
CN101389856 A 20090318	DE200610009127 20060224	REPOWER SYSTEMS AG [DE]	F03D7/02 ; H02H3/18; H02M1/32	Energy supply for a blade adjustment device pertaining to a wind energy installation
EP2017469 A2 20090121	DE200710014863 20070326	REPOWER SYSTEMS AG [DE]	F03D7/02 ; F03D7/04	Method for operating a wind farm
EP2014915 A2 20090114	DE200710026995 20070607	REPOWER SYSTEMS AG [DE]	F03D7/00	Determination of rotational speed

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EP2017473 A2 20090121	DE200710032179 20070710	REPOWER SYSTEMS AG [DE]	F03D9/00 ; H02J3/38	Wind farm with increased revolution speed
CN101393428 A 20090325	DE200710045070 20070921	REPOWER SYSTEMS AG [DE]	G05B19/02; G06F9/445	Method and system for determining the compatibility of control software with a wind energy installation
DE102007049251 A1 20090423	DE200710049251 20071012	REPOWER SYSTEMS AG [DE]	H02P9/02; F03D7/00 ; H02J3/00; H02P9/14	Windenergieanlagen mit Regelung f³r Netzfehler und Betriebsverfahren hierf³r
DE102007052863 A1 20090507	DE200710052863 20071102	REPOWER SYSTEMS AG [DE]	F03D7/02	Verfahren zum Betreiben einer Windenergieanlage
DE102007054215 A1 20090520	DE200710054215 20071112	REPOWER SYSTEMS AG [DE]	F03D7/00 ; F03D11/00	Windenergieanlage mit Heizeinrichtung
DE102007056161 A1 20090528	DE200710056161 20071121	REPOWER SYSTEMS AG [DE]	F03D11/00 ; F03D7/02	Method for separating particles or liquid droplets from gases, involves impinging good from body in rotation, where body rotates in swirl chamber, and particles are collected in area at base of swirl chamber
DE102007060379 A1 20090625	DE200710060379 20071212	REPOWER SYSTEMS AG [DE]	E04H12/22; E02D27/42; E04H12/34; F03D11/04	Connecting body e.g. Load distribution element, for erecting steel tower of wind turbine, has upper and lower contact surfaces for tower and foundation body, respectively, where connecting body is arranged between tower and foundation body
DE102007060958 A1 20090625	DE200710060958 20071214	REPOWER SYSTEMS AG [DE]	H02P9/02; F03D7/02 ; H02P9/10	Steuereinrichtung f³r Windenergieanlagen mit Netzausfallerkennung
EP2072812 A2 20090624	DE200710062428 20071220	REPOWER SYSTEMS AG [DE]	F03D1/00	Method and attachment for handling a rotor hub of a wind turbine
DE102007063082 A1 20090625	DE200710063082 20071221	REPOWER SYSTEMS AG [DE]	F03D7/02	Verfahren zum Betreiben einer Windenergieanlage

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EP2018476 A2 20090128	WO2007DE00827 20070507; DE200610021982 20060510	REPOWER SYSTEMS AG [DE]	F03D7/00 ; F03D7/02	Wind farm which is disconnectable in staggered fashion
EP2016283 A2 20090121	WO2007EP03481 20070420; DE200610022272 20060511	REPOWER SYSTEMS AG [DE]	F03D1/06	Rotor blade attachment
EP2032845 A1 20090311	WO2007EP05180 20070612; DE200610027224 20060612	REPOWER SYSTEMS AG [DE]	F03D7/00 ; F03D7/02 ; F03D9/02 ; F03D11/00	Wind energy installation with an autonomous energy supply for a blade adjustment device
EP2035694 A1 20090318	WO2007EP05263 20070614; DE200610031174 20060703	REPOWER SYSTEMS AG [DE]	F03D1/06	Rotor hub of a wind energy plant
EP2044325 A2 20090408	WO2007EP05956 20070705; DE200610034251 20060721	REPOWER SYSTEMS AG [DE]	F03D7/00 ; F03D7/04 ; F03D11/00	Method for operating a wind energy installation
EP2047098 A2 20090415	WO2007EP06671 20070727; DE200610036157 20060801	REPOWER SYSTEMS AG [DE]	F03D7/02 ; F03D7/04	Calibration method
EP2059673 A2 20090520	WO2007EP07690 20070904; DE200610042067 20060905	REPOWER SYSTEMS AG [DE]	F03D11/00	Wind energy installation
WO2009052968 A1 20090430	DE200710050644 20071023	REPOWER SYSTEMS AG [DE]; BLUHM ROMAN [DE]; FRIEDERICH SEBASTIAN [DE]; ALTEMARK JENS [DE]	G05B19/042; F03D7/04	Arrangement and method for operating a wind power plant or wind farm

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DE102007058559 A1 20090610	DE200610031649 20060708; DE200710058559 20071205	RHEIN FRIEDRICH [DE]; MUTH ALEXANDER [DE]	F03D9/00 ; F03D5/00	Vorrichtung zur effizienten Nutzung der Windenergie FAECROTORBLATT RM
GB2450917 A 20090114	GB20070013546 20070713	RICHARDS PAUL WILLIAM [GB]	F03D11/04 ; F03D3/02 ; F03D3/04	Wind turbine mounted within a pitched roof
NZ543426 A 20090331	CH20030000635 20030407; WO2004CH00215 20040406	ROBERT NIEDERER; URS HAUTLE	F03D9/00 ; F24J2/54; H01L31/045; H01L31/058	Supply unit for power and water based on renewable energy
GB2451472 A 20090204	GB20070014883 20070731	ROBERTSON JOHN WILLIAM [GB]	F03D3/04	Wind turbine control structure
EP2071691 A2 20090617	WO2007ES00472 20070731; ES20060002074 20060731	RODRIGUEZ TORNELL JUAN JOSE [ES]; TORRES SANTANA JOSE [ES]	H02J3/16; F03D9/00 ; H02J3/18; H02J3/38	Reactive energy compensator
WO2009018666 A1 20090212	US20070954747P 20070808	ROKEBY-THOMAS ANDREW BYRON RHY [CA]	F03D3/00 ; F03B3/12; F03D3/06	Transverse-axis turbine with twisted foils
CN201180613Y Y 20090114	CN20082112507U 20080421	RONGREN YI [CN]	F03D1/00 ; F03B13/00; F03D9/00	Power generation system for converting wind energy to hydraulic energy of horizontal shaft multi-vane type wind motor
AT505597 A1 20090215	AT20070001246 20070808	ROSENICH STEFAN [AT]	F03D9/02	Windkraftanlage
DE102008036100 A1 20090212	AT20070001248 20070808	ROSENICH STEFAN [AT]	F03D9/00 ; F03D9/02	Wind power plant has tower, wind wheel and generator, which is operated in motor operation and drives in operating condition of air compressor with electrical net energy
WO2009061300 A1 20090514	WO2007US23514 20071108	ROSS ROBERT GAYLON [US]	F03D3/06 ; F03D3/00	Vertical axis wind turbine energy converter

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WO2009009473 A2 20090115	US20070827538 20070712	ROZLEV CORP LLC [US]; ROZMUS JOHN J [US]	F03D11/00	A wind generator system using attractive magnetic forces to reduce the load on the bearings
US2009127861 A1 20090521	US20070986240 20071121	RSV INV ENTPR	F03B13/10; F03D9/00	Fluid-dynamic renewable energy harvesting system
US2009127862 A1 20090521	US20070986241 20071121	RSV INV ENTPR	F03D9/02	Wind energy harvesting system on a frozen surface
CN201187409Y Y 20090128	CN20072177782U 20070917	RUICAI JIANG [CN]	F03D7/00	Fan blade angulator
CN201202597Y Y 20090304	CN20082077100U 20080426	RUIHENG WANG [CN]	F03D9/00	Small-sized wind power generator
CN101349323 A 20090121	CN20081062187 20080613	RUIMING WANG [CN]	F16H1/28; F03D11/02 ; F16H1/22; F16H35/00	Novel gear box suitable for solar energy thermal current wind power generation system
CN101349244 A 20090121	CN20081063614 20080630	RUIMING WANG [CN]	F03D9/00 ; F03D1/04	Natural wind energy and solar energy thermal current wind energy complementary wind power generation method
CN101349251 A 20090121	CN20081063615 20080630	RUIMING WANG [CN]	F03D11/00 ; F16H57/02	Gear box suitable for natural wind energy and solar energy thermal current wind energy complementary wind power generation system
CN201180624Y Y 20090114	CN20082055329U 20080201	RUIMING WANG [CN]	F03D9/00 ; F03D1/04	Solar wind power generation plant
CN201215068Y Y 20090401	CN20082120206U 20080630	RUIMING WANG [CN]	F03D9/00 ; F03D1/04	Solar chimney power generator
DK1227204T T3 20090615	AT20010000114 20010124	RUND STAHL BAU GMBH & CO [AT]	E04H12/12; E04G11/28; F03D11/04	Fremgangsmõde til fremstilling af en tõrnlignende bygning
DE102007035598 A1 20090205	DE200710035598 20070730	S B PATENT HOLDING APS [DK]	F03D7/00 ; F03D1/06 ; F03D11/00	Wind energy installation comprises a locking element coupled with a conversion unit to convert a rotary movement about an axis running parallel to the direction of the translation movement into the translation movement

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DE102007040834 A1 20090305	DE200710040834 20070829	S B PATENT HOLDING APS [DK]	F03D7/00	Wind energy plant operating method, involves changing operating parameter of wind energy plant corresponding to change in load, and operating brake system for changing operating parameter
EP2041430 A1 20090401	WO2006DE01249 20060717	S B PATENT HOLDINGS APS [DK]	F03D7/00 ; F03D7/02	Brake device
EE200700038 A 20090216	EE20070000038 20070710	S NAJALG ANDRES [EE]; S NAJALG OLEG [EE]	F03D1/06 ; F03D9/00 ; F03D11/00	Tuulegeneraator
WO2009030069 A1 20090312	WO2007CN02650 20070904	SA THHAIR [CN]	F03D3/06 ; F03D7/06	A high-power breeze generator assembly with reflective-type hemispherical wind vanes
US2009033099 A1 20090205	EP20070110337 20070615	SAAB AB [SE]	F03D9/00	Device for supplying electricity
RU2354845 C1 20090510	RU20070131369 20070817	SALMIN VLADIMIR IVANOVICH [RU]	F03D7/04	Windfarm blade drive exploiting windwheel kinetic energy
RU2359151 C1 20090620	RU20070149163 20080226	SALOV VALERIJ VLADIMIROVICH [RU]	F03D1/06	Wind motor
KR20090041616 A 20090429	KR20070107226 20071024	SAMSUNG HEAVY IND [KR]	F03D11/04 ; F03D1/02	Floating multi wind-turbine
CN101363404 A 20090211	CN20081042960 20080912	SANYI ELECTRIC CO LTD [CN]	F03D7/04 ; F03D9/00	Typhoon defense operation control method for wind driven generator group, device and the group using the device
CN101363407 A 20090211	CN20081042961 20080912	SANYI ELECTRIC CO LTD [CN]	F03D9/00 ; F03D1/00 ; F03D11/00	Wind generating set
CN101440783 A 20090527	CN20081207838 20081222	SANYI ELECTRIC CO LTD [CN]	F03D9/00 ; F03D1/06 ; F03D7/04 ; H02J3/38	Wind generating set, wind power generation and operation control method thereof
CN201202591Y Y 20090304	CN20082058929U 20080521	SANYI ELECTRICAL CO LTD [CN]	F03D7/00 ; F03D11/00 ; F16F15/10	Tuning quality damper vibration damping control device for fan
JP2009121392 A 20090604	JP20070298062 20071116	SATSUKI SEISAKUSHO KK	F03D3/06 ; F03D11/00	Vertical shaft windmill

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DE102007041508 A1 20090305	DE200710041508 20070831	SCHAEFFLER KG [DE]	F03D1/04 ; F03D1/00 ; F16C19/00	Rotorlagerung f³r eine Windenergieanlage
DE102007042770 A1 20090312	DE200710042770 20070907	SCHAEFFLER KG [DE]	F03D11/04 ; F03D1/00	Rotorlagerung f³r eine Windenergieanlage
DE102007048377 A1 20090416	DE200710048377 20071009	SCHAEFFLER KG [DE]	F03D11/04 ; F03D1/06 ; F16C35/06; F16C35/067	Lageranordnung einer Rotornabe einer Windenergieanlage und Verfahren zu deren Montage
DE102007053526 A1 20090514	DE200710053526 20071109	SCHAEFFLER KG [DE]	F16H57/08; F03D1/00 ; F03D9/00 ; F03D11/04 ; F16C19/28	Lagerung eines Planetenrades zur Optimierung der Lastverteilung
DE102007054379 A1 20090520	DE200710054379 20071114	SCHAEFFLER KG [DE]	F03D11/04 ; F16C23/08	Lageranordnung einer Rotorwelle einer Windenergieanlage
DE102007055362 A1 20090528	DE200710055362 20071120	SCHAEFFLER KG [DE]	F16C19/49; F03D11/04 ; F16C19/54	Wõlzlager f³r ein wellenf÷rmiges Bauteil
DE102007062056 A1 20090625	DE200710062056 20071221	SCHAEFFLER KG [DE]	F16C19/38; F03D11/04	Wõlzlager mit geteiltem Aussenring mit radialer Fixierung
DE202008014974U U1 20090430	DE200810055778 20081104; DE200820014974U 20081104	SCHLEMENAT ALFRED W [DE]	E02D27/52; B63B35/44; E02D27/42; F03D11/04	Offshore Gr³ndungsstruktur
DE102007035928 A1 20090212	DE200710035928 20070731	SCHMIDBAUER FRANZ [DE]	F03D9/00 ; F03D1/04 ; F03D3/04	Electrical energy producing equipment i.e. Radiator wind-power plant, has horizontal wind wheel shifted in rotation by acceleration of wind on inclined roof and by additional acceleration of wind by wind deflectors
HU0700483 A2 20090528	HU20070000483 20070719	SCHNEIDER GYOERGY DR [HU]; KOVACS TAMAS DR [HU]	F03D3/04	Wind powered generator system built into the barrier along the roadway with special aerodynamic configuration
BRPI0800168 A2 20090602	DE200710008758 20070222	SCHULER PRESSEN GMBH & CO [DE]	F03D1/00 ; F03D9/00 ; F03D11/00	Unidade de cubo de acionamento para um gerador de energia eólica

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BRPI0800172 A2 20090602	DE200710008761 20070222	SCHULER PRESSEN GMBH & CO [DE]	F03D9/00 ; F03D7/02	Gerador de energia eólica com disposição de transmissão polarizada
AU2008271361 A1 20090108	NO20070003363 20070629; WO2008NO00213 20080612	SEATOWER AS	E02B17/02; F03D11/04	Device and method for marine tower structure
DE102007039957 A1 20090226	DE200710039957 20070823	SEEBA TECHNIK GMBH [DE]	E04H12/00;E04H12/02; E04H12/10; F03D11/04	Dreieckprofil
RU2351799 C1 20090410	RU20070134561 20070918	SELEZNEV NIKOLAJ VASIL EVICH [RU]	F03D9/02	Wind-gravity electric power station
KR20090043171 A 20090506	KR20070108880 20071029	SEOUL NAT UNIV IND FOUNDATION [KR]	F03D11/00 ; F03D1/06	Rotor blade of wind turbine
JP2009002214 A 20090108	JP20070163275 20070621	SEVEN STARS WORLDWIDE LTD	F03D3/02 ; F03D3/06	Automatic wind direction tracking wind turbine of air power type
JP2009019568 A 20090129	JP20070182772 20070712	SEVEN STARS WORLDWIDE LTD	F03D3/02 ; F03D3/06	Projecting wheel type automatic wind direction tracking wind turbine
EP2022980 A1 20090211	EP20070015425 20070806	SEVEN STARS WORLDWIDE LTD [TW]	F03D3/06 ; F03D7/06	Vertical axis wind turbine with wingletted cam-tiltable blades
CA2597281 A1 20090214	CA20072597281 20070814	SEVEN STARS WORLDWIDE LTD [VG]	F03D3/06 ; F03D7/06	Vertical axis windmill with wingletted cam-tiltable blades
KR20090017341 A 20090218	KR20070081998 20070814	SEVEN STARS WORLDWIDE LTD [VG]	F03D3/06 ; F03D11/02	Vertical axis wind turbine with wingletted cam-tiltable blades
NO20074206 A 20090217	NO20070004206 20070816	SEVEN STARS WORLDWIDE LTD [VG]	F03D3/06	Vertikalakse vindturbin med kantete kam-hellende blader
CN101349243 A 20090121	CN20071138676 20070716	SEVENSTARS WORLDWIDE CO LTD [VG]	F03D9/00 ; F03D3/06 ; F03D7/06	Cam type windmill capable of automatically tracking wind direction
CN201250759Y Y 20090603	CN20082117077U 20080613	SHANCHANG LI [CN]	F03D9/00	Vertical-type wind-driven generator with additional rotating fan blades
CN201241792Y Y 20090520	CN20082026491U 20080730	SHANDONG JINING HIGH TECH CO L [CN]	F03D9/00 ; H02K7/12; H02K21/28	Column type multilevel wind power generator

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CN201241793Y Y 20090520	CN20082026492U 20080730	SHANDONG JINING HIGH TECH CO L [CN]	F03D9/00 ; F03D3/00 ; F03D3/06	Column type multilevel wind power generator
CN201250753Y Y 20090603	CN20082057595U 20081104	SHANGHAI AERA TECHNOLOGY DEV C [CN]	F03D3/00	Composite transmission mechanism for vertical axis wind turbine
CN201184282Y Y 20090121	CN20082056202U 20080314	SHANGHAI FENGJING HIGH SCHOOL [CN]	F03D9/00 ; F21S4/00; F21S9/00; H02N6/00	Hydrogen energy high altitude electric generator
CN101355254 A 20090128	CN20081042786 20080911	SHANGHAI GHREPOWER GREEN ENERG [CN]	H02J3/38; F03D9/00 ; H02P9/04	Non-principal shaft half directly-drive permanent magnet wind generating set and control method thereof
CN201255076Y Y 20090610	CN20082152961U 20080911	SHANGHAI GHREPOWER GREEN ENERG [CN]	F03D1/06	Blade assembly for low wind-power generator
CN201255082Y Y 20090610	CN20082152963U 20080911	SHANGHAI GHREPOWER GREEN ENERG [CN]	F03D9/00	Non-principal axis and half-straight-drive wind power generator
CN101418778 A 20090429	CN20071094174 20071026	SHANGHAI HUANGPU DISTR XINLING [CN]	F03D9/00 ; H02J7/00; H02K7/18	Battery charged fan
CN201202595Y Y 20090304	CN20082059440U 20080606	SHANGHAI HUANSHENG NEW ENERGY [CN]	F03D9/00 ; F03D7/04	50KW interconnected non-gear box direct drive paddle-changing type wind generating set
CN201258825Y Y 20090617	CN20082152854U 20080909	SHANGHAI HUIYI HYDRAULIC ENGIN [CN]	F03D7/00	Hydraulic control module of wind power generation system
CN101392727 A 20090325	CN20081202394 20081106	SHANGHAI INST TECHNOLOGY [CN]	F03D7/04 ; F03D1/00 ; F03D11/00	Automatic speed regulation and smooth rate apparatus for wind power generation system
CN101435413 A 20090520	CN20081202396 20081106	SHANGHAI INST TECHNOLOGY [CN]	F03D9/00 ; F03D1/00 ; F03D11/00	Gear drive system for wind power generator
CN101413479 A 20090422	CN20081203272 20081125	SHANGHAI INST TECHNOLOGY [CN]	F03D1/06 ; F03D11/00	Wind power machine pre-embedded type flange blade root and manufacturing process thereof
CN101440777 A 20090527	CN20071170889 20071123	SHANGHAI JIUNENG ENERGY SCIENC [CN]	F03D7/02	Electronic control protection device of low wind speed wind power generator
CN201180623Y Y 20090114	CN20082056797U 20080331	SHANGHAI LONGTERMS AUTOMATION [CN]	F03D7/00	Variable propeller control device of high power fan
CN201198819Y Y 20090225	CN20082057428U 20080418	SHANGHAI OUJI KETE ROTARY BEAR [CN]	F03D11/00 ; F16C19/50	Plane supporting structure in wind power generator

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CN101402791 A 20090408	CN20081202785 20081114	SHANGHAI POLYURETHANE TECHNOLO [CN]	C08L75/04;C08G18/12; C08G18/66; C08G18/76; C08J5/04; C08K3/34; C08K5/13; C08K7/02; F03D1/06	Low-density high-strength nano-polyurethane wind wheel leaf blade composite material
CN101451506 A 20090610	CN20071171392 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Frost protection structure of wind power cooling system
CN101451507 A 20090610	CN20071171394 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Placing structure of fan frequency converter
CN101451508 A 20090610	CN20071171395 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Safe light platform door
CN101451509 A 20090610	CN20071171397 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Pushing mechanism for wind wheel locking device
CN101451510 A 20090610	CN20071171398 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Structure for reducing fan platform noise and vibration
CN101451511 A 20090610	CN20071171399 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Vibration reduction structure for wind motor spindle
CN101451512 A 20090610	CN20071171400 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/00	Fixture device for wind motor spindle
CN101451513 A 20090610	CN20071171401 20071130	SHANGHAI SEWIND CO LTD [CN]	F03D11/04	Rotary mechanism for wheel hub cover
CN101363406 A 20090211	CN20071044692 20070808	SHANGHAI WIND POWER CO LTD [CN]	F03D9/00 ; H02J3/38	Wind power generation system with multi-blower fans connection in parallel
CN201255080Y Y 20090610	CN20082152579U 20080901	SHANGHAI WIND POWER CO LTD [CN]	F03D9/00	50KW dual-purpose system for wind power generation and water lift
CN201255081Y Y 20090610	CN20082152811U 20080905	SHANGHAI WIND POWER CO LTD [CN]	F03D9/00	5KW dual-purpose system for wind power generation and water lift
CN101409519 A 20090415	CN20081041334 20080804	SHANGHAI YAOJIANG SOLAR ENERGY [CN]	H02N6/00; F03D9/00 ; H02J7/35; H02M7/537	Low power solar/wind energy power generation system

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CN201184279Y Y 20090121	CN20082044708U 20080310	SHAOZHONG LIU [CN]	F03D3/06 ; F03D11/00	Loose blade drag reduction type wind generating set
WO2009063498 A2 20090522	IN2007MU01551 20070916	SHASTRI BHARAT [IN]	F03D9/02 ; F03D11/02	Fan for power generation
CN101389853 A 20090318	EP20060111440 20060321	SHELL INT RESEARCH [NL]	F03B13/10; F03B17/06; F03D1/04	Turbine assembly and generator
WO2009040442 A1 20090402	EP20070117479 20070928	SHELL INT RESEARCH [NL]; DALE JORGEN HAKESTAD [NO]	E21B43/16; E21B43/24; F03D11/04	Method for enhancing recovery of a hydrocarbon fluid
CN201202592Y Y 20090304	CN20082020722U 20080421	SHENGQIANG GUO [CN]	F03D9/00 ; F03D1/00 ; F03D11/00 ; H02J7/00	Miniature wind power generator
CN201198817Y Y 20090225	CN20082012330U 20080425	SHENYANG RUICHANG MACHINERY CO [CN]	F03D9/00 ; F03D7/04	Separating and interconnecting network dual-purpose direct drive paddle-changing type wind power generator
CN201215067Y Y 20090401	CN20082095503U 20080711	SHENZHEN BUILDING RES INST CO [CN]	F03D9/00 ; F03D1/06 ; F03D7/04	Typhoon resistant small-sized wind power generator
CN201228612Y Y 20090429	CN20082128228U 20080710	SHENZHEN FENGFA SCIENCE AND TE [CN]	F03D3/00 ; F03D3/06 ; F03D11/00	Vertical shaft wind mill
CN201218169Y Y 20090408	CN20082093426U 20080409	SHENZHEN LAPIN LIGHTING TECHNO [CN]	F03D9/00 ; F03D3/02 ; F03D7/06	Aerogenerator
JP2009024681 A 20090205	JP20070191473 20070723	SHIBAURA INST OF TECHNOLOGY	F03D11/00 ; F03D1/06	Wind power generator
CN201246281Y Y 20090527	CN20082185509U 20080908	SHIMING LI [CN]	F03D9/00 ; F21S9/00; F21S9/02; F21V21/116	Cup type wind power generator for highway illuminating
CN201180614Y Y 20090114	CN20082097952U 20080401	SHIMING WANG [CN]	F03D1/04 ; F03D9/00	Hot wind power generation column
JP2009024583 A 20090205	JP20070188096 20070719	SHIMIZU CONSTRUCTION CO LTD	F03D9/00	Wind power generation module and wind power generation unit
JP2009085167 A 20090423	JP20070258552 20071002	SHIMIZU CONSTRUCTION CO LTD	F03D9/00 ; F03D1/00	Floating device for wind-power generation

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WO2009011506 A1 20090122	KR20070071372 20070716	SHIN YOUNG JAE [KR]	F03D3/04	Wind power station using induction apparatus
WO2009034990 A1 20090319	JP20070238978 20070914	SHINETSU CHEMICAL CO [JP]; MINOWA TAKEHISA [JP]; DOI YUHITO [JP]; MIYATA KOJI [JP]; KOBAYASHI HIDEKI [JP]	H02K21/24; F03D9/00 ; H02K1/27; H02K16/00	Permanent magnet rotating machine
JP2009114977 A 20090528	JP20070289240 20071107	SHINKO ELECTRIC CO LTD	F03D11/04	Wind power generation device
CN101413489 A 20090422	CN20081217733 20081202	SHIXI HU [CN]	F03D9/00 ; F03D3/06 ; H02N6/00	High altitude wind power and solar energy combining electric generator
CN201206529Y Y 20090311	CN20072122045U 20070803	SHIYU CHEN [CN]	F03D9/00 ; H02J7/32; H02K7/18	Artificial wind power installation
CN201221437Y Y 20090415	CN20082089282U 20080219	SHUANGLAI YANG [CN]	F03D1/06 ; F03D11/00	Novel wind power generator
CN101446266 A 20090603	CN20071193833 20071128	SHUCAI DING [CN]	F03D9/00	Technology for manufacturing small wind generator
CN201241794Y Y 20090520	CN20082044148U 20080220	SHUISEN WU [CN]	F03D9/00 ; F03G7/00	Household electric generating apparatus
CN101413485 A 20090422	CN20081209575 20081128	SHUMAO CONG [CN]	F03D9/00 ; F03D7/04	High-efficient wind generating set
CN201180626Y Y 20090114	CN20082069959U 20080410	SHUQI HOU [CN]	F03D9/00 ; F03D3/06 ; H02K1/12; H02K1/27	Stallout controllable permanent magnet aerogenerator
US2009021019 A1 20090122	EP20070012103 20070620	SIEMENS AG	F03D9/00 ; E04H12/00	Wind turbine tower and method for constructing a wind turbine tower
US2009004009 A1 20090101	EP20070012714 20070628	SIEMENS AG	F03D7/00	Method for controlling of at least one element of a first component of a wind turbine, control device and use of the control device
US2009068013 A1 20090312	EP20070017912 20070912	SIEMENS AG	F03D7/02	Wind turbine, yaw system controller and yaw system for a wind turbine and method of reducing the acting on such a yaw system

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US2009067990 A1 20090312	EP20070017913 20070912; EP20080006747 20080402	SIEMENS AG	F03D11/00	Method and sensor setup for determination of deflection and/or strain for failure detection
US2009102198 A1 20090423	EP20070020720 20071023	SIEMENS AG	F03D9/00	Method for controlling wind turbines, and devices therefore
US2009087127 A1 20090402	US20080286674 20081001; US20070976560P 20071001	SIEMENS AG	F16C33/00; F03D11/00	Pitch bearing for wind turbine rotor blades
US2009129931 A1 20090521	US20080291185 20081106; US20070989467P 20071121; EP20080001259 20080123	SIEMENS AG	F03D11/04	Module of a nacelle of a wind turbine, nacelle of a wind turbine, wind turbineand method for the assembly of a nacelle of a wind turbine
BRPI0519480 A2 20090203	DE200410063508 20041227; WO2005EP57126 20051222	SIEMENS AG [DE]	H01F27/16; F03D1/00 ; H01F27/06	Componente elétrico com circuito de refrigeração para a operação subaquática
US2009134626 A1 20090528	DE200610013590 20060322; WO2007EP50787 20070126	SIEMENS AG [DE]	F03D9/00 ; H02K21/24	Electrical machine, in particular a generator
US2009016880 A1 20090115	DE200710015179 20070329	SIEMENS AG [DE]	F03D11/00 ; G01L7/08	Pressure measurement device and method for determining wind force at wind energy installations
DE102007042338 A1 20090312	DE200710042338 20070906	SIEMENS AG [DE]	F03D11/00	Windkraftanlage mit Wõrmetauschersystem
CN101405504 A 20090408	EP20060007514 20060410	SIEMENS AG [DE]	F03D1/06 ; F03D11/00	Wind turbine rotor blade
EP2014917 A1 20090114	EP20070013519 20070710	SIEMENS AG [DE]	F03D9/00 ; F03D11/00	Minimising wind turbine generator air gap with a specific shaft bearing arrangement

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EP2017466 A1 20090121	EP20070014328 20070720	SIEMENS AG [DE]	F03D1/06	Wind turbine rotor blade and turbine rotor
EP2017467 A1 20090121	EP20070014329 20070720	SIEMENS AG [DE]	F03D1/06 ; F03D7/02	Wind turbine rotor blade and pitch regulated wind turbine
EP2017468 A1 20090121	EP20070014330 20070720	SIEMENS AG [DE]	F03D7/02	Method for wind turbine yaw control
EP2047941 A1 20090415	EP20070019945 20071011	SIEMENS AG [DE]	B23K31/12; B21B15/00; B21C37/08; B23C3/12; B23C3/13; B23D79/02; B23K9/025; B23K9/028; B23K37/08; B24B9/04; F03D11/04	Method for the strengthening of a welded connexion, and/or for the increase of tolerance of a welded connexion in relation to fatigue load ; Element for a tower of a wind turbine ; Tower of a wind turbine and wind turbine
EP2063110 A1 20090527	EP20070022879 20071126	SIEMENS AG [DE]	F03D7/02 ; F03D7/04	Method of damping power vibrations of a wind turbine and inclination control system
EP2063114 A1 20090527	EP20070022880 20071126	SIEMENS AG [DE]	F03D9/00 ; F03D11/00 ; H02K7/08; H02K7/18	Wind turbine
EP2063115 A1 20090527	EP20070022881 20071126	SIEMENS AG [DE]	F03D9/00 ; F03D9/02 ; H02K1/06; H02K1/14	Direct drive generator and wind turbine
EP2063116 A1 20090527	EP20070022882 20071126	SIEMENS AG [DE]	F03D9/00 ; F03D9/02 ; F03D11/00 ; H02K1/12	Direct drive generator and wind turbine
EP2063117 A1 20090527	EP20070022883 20071126	SIEMENS AG [DE]	F03D9/00 ; F03D9/02 ; H02K1/06; H02K1/14	Arrangement for a direct drive generator, direct drive generator, wind turbine and method for the assembly of a generator
DK200701144 A 20090214	DK20070001144 20070813	SIEMENS WIND POWER AS [DK]	F03D7/00 ; G05B23/00	Monitoring of blade frequencies of a wind turbine
DK200701456 A 20090410	DK20070001456 20071009	SIEMENS WIND POWER AS [DK]	F03D1/06 ; G01L1/20	Overvõgning af en vindm÷lles vingefrekvenser
WO2009031008 A2 20090312	ECSP077720 20070904	SIGUENZA LOPEZ JORGE OSWALDO [EC]	F03D3/02	Auto turbo jet

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BRPI0703102 A2 20090519	BR2007PI03102 20070924	SILVA APARECIDO BERNARDO DA [BR]	F03D9/00 ; F03D3/00	Captador de energia eólica otimizado, combinado com sistema de fechamento de janelas
EP2029428 A1 20090304	WO2007IB01397 20070529; IT2006TO00400 20060531	SISVEL SPA [IT]	B64D15/20; F03D11/00 ; G08B19/02	Method and system for detecting the risk of icing on aerodynamic surfaces
NO20085378 A 20090302	IT2006TO00401 20060531; WO2007IB01403 20070529	SISVEL SPA SOC IT PER LO SVILU [IT]	F03D7/00 ; F03D7/04 ; F03D11/00	Fremgangsmate ved implementering av vindenergikonverterende systemer
CN101451500 A 20090610	CN20071194952 20071207	SIXI LIANG [CN]	F03D9/00	Wind resistance dynamic power device
DE102007028896 A1 20090102	DE200710028896 20070622	SKF AB [SE]	F16H57/08; F03D1/00 ; F16H1/28	Planetary axial arrangement for rotating planetary axle of planetary gear, has planetary gear, with planetary wheel rotatably stored on planetary axle, which comprises channel running from exterior of planetary carrier
DE102007058165 A1 20090604	DE200710058165 20071130	SKF AB [SE]	F03D11/04 ; F16C23/08	Antifriction bearing e.g. Cylindrical roller bearing, for driveshaft of wind power plant, has housing element accommodating exterior track element, and elastic element arranged between exterior track element and housing element
WO2009048403 A1 20090416	SE20070002294 20071011; SE20080000453 20080226	SKF AB [SE]; LOEVGREN TORBJOERN [SE]; OVIZE PASCAL [FR]; GARRIPOLI GIUSEPPE [IT]	F03D7/00 ; F03D11/00	Device for changing a blade pitch of a blade in a wind turbine rotor
WO2009018976 A1 20090212	DE200710036891 20070804	SKF AB [SE]; PICKEL EDGAR [DE]	F03D11/00 ; F16C23/08; F16C33/76	Bearing of a main shaft of a wind power plant
KR20090005120 A 20090112	DE200620005389U 20060331	SKYSAILS GMBH & CO KG [DE]	F03D9/00 ; F03D11/00 ; F03D11/04	Wind power plant comprising a steerable kite

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DE202009000125U U1 20090409	DE200920000125U 20090103	SMYLLA GEORG [DE]	F03D1/02 ; F03D9/00	Windkraftanlage mit einem ersten Rotor
EP2039928 A1 20090325	EP20070116874 20070920	SOL PARTICIPATIONS SARL [LU]	F03D3/04	Wind turbine
KR20090027704 A 20090317	KR20090010823 20090211	SON KWANG GOOK [KR]	F03D3/06 ; F03D11/00	Wing of aerogenerator
CN101403363 A 20090408	CN20081067068 20080504	SONGLIN YANG [CN]	F03B13/14; E03B3/28; F03D9/00	Ecological utilization system with hydroelectric resource symbiosis
CN201196128Y Y 20090218	CN20082093778U 20080504	SONGLIN YANG [CN]	F03B13/14; E03B3/28; F03D9/00	Ecological utilization system with hydroelectric resource symbiosis
US2009021022 A1 20090122	US20080181108 20080728; US20060487343 20060717; US20060760407P 20060120	SOUTHWEST WINDPOWER INC [US]	H02P9/04; H02H7/06	Stall controller and triggering condition control features for a wind turbine
DE102007043503 A1 20090319	DE200710043503 20070912	SSB ANTRIEBSTECHNIK GMBH & CO [DE]	F04D29/70; F03D11/00 ; H02B1/56; H05K7/20	Schaltschrank f³r eine Windkraftanlage
MX2009001714 A 20090225	NO20060003744 20060822; WO2007NO00291 20070820	STATOILHYDRO ASA [NO]	F03D7/02	Method for the damping of tower oscillations in wind power installations.
DE102007050442 A1 20090108	DE200720009187U 20070629; DE200710050442 20071019	STEEL DENNIS PATRICK [DE]	F03D3/06	Radial turbine e.g. Wind turbine, for use in e.g. Car, has rotor blades aligned from and obliquely with respect to radius and with respect to tangential plane, and outer area angled sharply in direction of tangential plane
NL2000819C C2 20090218	NL20072000819 20070817	STICHTING ENERGIE [NL]	F03D1/06	Windturbine en rotorblad.
NL2000821C C2 20090218	NL20072000821 20070817	STICHTING ENERGIE [NL]	F03D1/06	Windturbine en rotorblad.

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BRPI0702611 A2 20090120	BR2007PI02611 20070528	STOPASSOLLI CLAUDIO [BR]	F03D9/02	Sistema integrado de canalização para otimização de máquina eólica
GB2451478 A 20090204	GB20070014904 20070730	SUBSEA ENERGY [GB]	F03D1/00 ; F03D3/06 ; F03D9/00 ; F03D11/04	Wind turbine and generator with ovoid frame.
JP2009019620 A 20090129	JP20070210429 20070716	SUDO KAZUTOSHI	F03D9/00 ; F04B9/06; F04B17/02	Water pump device using wind power
JP2009108845 A 20090521	JP20070315233 20071026	SUMIZAKI KIMIMASA; SUMIZAKI MAKIKO	F03D11/02 ; F03D9/00 ; F03D11/00	Wind hydraulic and air power generation with even number edge type amplification motor and vehicle
EP2060783 A1 20090520	WO2006CN02266 20060904	SUN SHOUQUAN [CN]	F03D1/00	A driving belt speedup driving device of a wind generating set
WO2009050157 A2 20090423	DE200710049592 20071015	SUZLON ENERGY GMBH [DE]; VILBRRANDT REINHARD [DE]	F03D7/02 ; F03D11/00	Wind energy installation with enhanced overvoltage protection
DE102007053586 A1 20090520	DE200710053586 20071108	SUZLON WINDKRAFT GMBH [DE]	F03D11/04	Bearing arrangement for drive gear of wind-turbine, has drive train arranged for fixture on machine support via bearing block
DE60320400T T2 20090409	NO20020002426 20020522; WO2003NO00161 20030516	SWAY AS [NO]	F03D9/00 ; F03D11/04 ; F03D1/00	Vorrichtung f_r in tiefwasser angeordnete windenergiestation
DE602004012244T T2 20090319	NO20030001888 20030428; WO2004NO00119 20040428	SWAY AS [NO]	F03D11/04	Windkraftwerk
CN101360914 A 20090204	NO20050004704 20051013	SWAY AS [NO]	F03D11/00 ; B63H13/00; F03B13/10; F03D1/04 ; F03D11/02 ; H02K7/09; H02K7/14; H02K7/18; H02K15/02; H02K21/00	Direct-drive generator/motor for a windmill/hydropower plan /vessel where the generator/motor is configured as a hollow profile and a method to assemble such a windmill/hydropower plant
WO2009006287 A2 20090108	US20070947049P 20070629	SYROVY GEORGE [US]	F03D3/06 ; F03D1/06	Oscillating windmill

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HU0700522 A2 20090629	HU20070000522 20070810	SZILAGYI VILMOS GYULA [HU]	F03D5/06 ; F03D3/04	Energy production and storing tower for wind and solar energy
HU3600U U 20090528	HU20080000216U 20081120	SZLAVIK TIBOR [US]	F03D9/00	Transducer
KR100880241B B1 20090128	KR20070091881 20070911	TAE CHANG N E T CO LTD [KR]	F03D1/06 ; F03D11/02	Multi-blade apparatus for wind power generate system
JP2009013974 A 20090122	TW20070123699 20070629	TAIDA ELECTRONIC IND CO LTD	F04D29/32; F03D1/06 ; F03D11/00 ; F04D25/06; F04D29/34; F04D29/52	Passive fan
JP2009127600 A 20090611	JP20070306638 20071127	TAIHEIYO CEMENT CORP	F03D5/06 ; F03D3/06 ; G01P5/04; G01P5/06; H02N2/00	Wind power generator using piezoelectric element, wind velocity measurement device, and wind power generation system
CN201187404Y Y 20090128	CN20082089699U 20080409	TAIMING LIU [CN]	F03D1/06 ; F03D1/00 ; F03D11/00	Wind power generator
CN201180615Y Y 20090114	CN20082006288U 20080219	TAIQI TECHNOLOGY CO LTD [CN]	F03D1/06 ; F03D7/02 ; F03D9/00	Composite wind power apparatus system
CN101354015 A 20090128	CN20081145045 20070808	TAIWAN UNION PLASTIC MACHINERY [CN]	F03D9/00 ; F03D1/06 ; F03D3/06 ; F03D11/00 ; H02K1/22; H02K7/18	Coaxial reverse rotating electric generator
JP2009008066 A 20090115	JP20070195196 20070628	TANAKA DAISUKE	F03D7/06 ; F03D3/06 ; F03D9/00	Vertical axis windmill variable of blade area and its accessory
CN101387270 A 20090318	ES20070002751 20071019	TE8ILO ALABARTE S L [ES]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D7/06 ; H02N6/00	Horizontal axis wind-power generator
WO2009008763 A1 20090115	RU20070126567 20070712	TEBUEV VLADIMIR VLADIMIROVICH [RU]	F03D11/00 ; F03D3/04	Wind-electric power generation by using the structure of a residential building
FR2924285 A1 20090529	FR20070059357 20071128	TECDDIS SARL [FR]	H02K21/24	Machine electrique a flux axial
JP2009097494 A 20090507	JP20070292566 20071015	TECHNO BANK KK	F03B13/18	Offshore power generation apparatus

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US2009020445 A1 20090122	BR2004PI05546 20041210; WO2005IB54164 20051209	TECSIS TECNOLOGIA E SIST S AVA [BR]	B65D85/68; F03D11/00	Devices for logistics of wind rotor blades
US2009081047 A1 20090326	BR2006PI00613 20060314; WO2007IB50855 20070313	TECSIS TECNOLOGIA E SIST S AVA [BR]	F03D1/06	Multi-element blade with aerodynamic profiles
EP2067987 A2 20090610	ES20070003238 20071205	TEILO ALABARTE S L [ES]	F03D5/02	Wind generator with movable sails
NL2000889C C2 20090331	NL20072000889 20070928	TENCA [NL]	F03D5/06 ; F03B17/06	Inrichting voor het opwekken van vermogen uit wind- of waterstroming.
BRPI0701869 A2 20090113	BR2007PI01869 20070525	TERREASERVICE PESQUISA MINERAL [BR]	F03D3/04	Aerogerador compacto
WO2009026495 A1 20090226	US20070957206P 20070822	TESVICH JOHN A [US]	F03D11/00	Underwater propulsion apparatus performance enhancement device and associated methods
DE202008015727U U1 20090219	DE200820015727U 20081127	TEUFEL REIMUND [DE]	F03D9/00 ; F03D1/00 ; F03D11/04	Windkraftanlage
ES2313861 A1 20090301	ES20080002424 20080813	THAISER TECNOLOGIA Y LASER S L [ES]	H01L31/042; F03D11/04 ; F24J2/54	Seguidor solar aplicable a torres eolicas
DE202009001846U U1 20090520	DE200920001846U 20090213	THEURL LEIMHOLZBAU GMBH [AT]	B29C70/00; B29C70/10; C08J5/00; F03D1/06	Leichtbauk÷rper aus einem Faserverbundwerkstoff auf Basis von Holzfasermatten, insbesondere f³r Rotorblõtter in Windkraftanlagen
CN101368540 A 20090218	CN20071143926 20070815	TIANBAI SHE [CN]	F03D3/06 ; F03D7/06	Intelligent door type fan blade of aerogenerator
CN101412180 A 20090422	CN20081153611 20081128	TIANJIN SERI MACHINERY EQUIPME [CN]	B23P15/00; B23Q15/22; F03D11/00	Processing technique for main frame of speed-increasing gear of large-sized wind-driven generator group
CN201241790Y Y 20090520	CN20082075290U 20080711	TIANJIN SPEED REDUCER CO LTD [CN]	F03D7/00 ; F03D11/00 ; F16H1/28	Yawing gear reduction machine for wind power generation

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CN201241791Y Y 20090520	CN20082075291U 20080711	TIANJIN SPEED REDUCER CO LTD [CN]	F03D7/00 ; F03D11/00 ; F16H1/28	Paddle-changeable gear reduction machine for wind power generation
EP2055986 A2 20090506	EP20060788780 20060727; US20050704329P 20050801	TIMKEN CO [US]	F16H1/28; F03D11/02 ; F16H57/08	Epicyclic Gear System with Flexpins
DK1745221T T3 20090216	US20040568984P 20040507; WO2005US15894 20050506	TIMKEN CO [US]	F16C19/49; F03D11/00 ; F03D11/02 ; F16C19/54; F16C35/077; F16H57/02	Positionerende lejeaggregat til vindm÷llekasseaksel
WO2009042478 A1 20090402	US20070974198P 20070921	TIMKEN CO [US]; BURNER BRUCE [US]	F16C23/08; F03D11/00 ; F16C33/80; F16C35/073; F16C35/077; F16J15/447	Wind turbine pillow block bearing assembly
BG109898 A 20090331	BG20070109898 20070621	TODOROV TODOR [BG]	E02B9/00; F03B13/00; F03B13/12; F03D9/00	Water-power submersible device
DE202008014689U U1 20090219	DE200820014689U 20081106	TOERBER JUERGEN [DE]	F03D3/06 ; F03D9/00	Horizontal liegende Windradmodule mit 2 an den Achsenenden angeordneten Generatoren, zur Montage auf Hausdõchern
DE202008015733U U1 20090326	DE200820015733U 20081127	TOERBER JUERGEN [DE]	F03D9/00 ; F03D5/04	Horizontal liegende Windradmodule mit 2 an den Achsenenden angeordneten Generatoren, zur Montage auf Fahrzeugen
EP2017470 A1 20090121	WO2006JP308835 20060427	TOKYO ELECTRIC POWER CO [JP]	F03D7/04 ; F03D11/00	Wind-driven electricity generation device, method of controlling wind-driven electricity generation device, and computer program
DE202008012145U U1 20090305	DE200820012145U 20080913	TOMIC MICHAEL [DE]; NIEMEYER JOERG [DE]	F03D9/00	Luftwalze/Windwalze zur Energie-/Stromgewinnung
JP2009041552 A 20090226	JP20070232045 20070811	TOMOYASU YUTAKA	F03D9/00 ; B60K6/00; B60K6/485; B60L8/00	Method of energy conservation and reduction in exhaust by roof top fan of automobile

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WO2009025377 A1 20090226	JP20070241559 20070821; JP20080035295 20080118; JP20080163803 20080528	TOMOYASU YUTAKA [JP]; TOMOYASU YOSHIOKI [JP]	B60K6/00; F01D15/02; F03D1/04 ; F03D9/00	Wind-power generation hybrid car by roof fan
CN201238520Y Y 20090520	CN20082111788U 20080509	TONGCHUN MIAO [CN]	A01G31/00; A01G9/20; A01G9/26; A01G31/02; F03D9/00 ; H02J7/00; H02J7/35; H02N6/00	Device for cultivating forestry seedling with complementary applications of solar photovoltaic power and wind power
JP2009074421 A 20090409	JP20070243463 20070920	TORAY INDUSTRIES	F03D11/00 ; F03D1/06	Blade material for axial flow type windmill
ES2316211 A1 20090401	ES20060000034 20060109	TORRES MARTINEZ M [ES]	E02B17/02; E02D27/52; F03D1/00 ; F03D11/04	Sistema de montaje de estructuras acuaticas sobre una cimentacion de anclaje y cimentacion destinada para dicho montaje
ES2322423 A1 20090619	ES20070001720 20070621	TORRES MARTINEZ M [ES]	F03D1/06	Pala para aerogenerador de eje horizontal
ES2310489 A1 20090101	ES20070001815 20070629	TORRES MARTINEZ M [ES]	F03D1/06 ; B64C27/473	Sistema de construccion de palas de aerogenerador
JP2009071918 A 20090402	JP20070234995 20070911	TOYO ELECTRIC MFG CO LTD	H02P9/00; F03D9/00 ; H02K1/27; H02K21/48	Generating device for distributed power supply
WO2009035363 A1 20090319	WO2007RU00514 20070914	TSAREV VIKTOR VLADIMIROVICH [RU]; ALEKSEEVICH ALEKSANDR NIKOLAEV [RU]	F03D9/00	Autonomous power supply system
DE202009002552U U1 20090625	DE200920002552U 20090223	TSCHIRNER WOLFGANG [DE]	F03D3/06	Windkraftanlage zur Erzeugung von Windstrom
DE202008007821U U1 20090226	DE200820007821U 20080611	TURAN SELAMI [DE]	F03D3/06 ; F03D3/02	System von mehreren vertikalen Rotorblõttern
GB2451588 A 20090204	GB20070015214 20070802	TURBO KING LTD [GB]	F03D9/00 ; H02K7/18	Wind turbine driven generator

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ES2317763 A1 20090416	ES20060002779 20061025	UNIV CATALUNYA POLITECNICA [ES]	F03D9/00	Sistema de generacion eolica de media tension mediante el uso de convertidores multinivel.
WO2009024933 A2 20090226	PT20070103812 20070822	UNIV DA BEIRA INTERIOR [PT]; DOMINGUES DE ALMEIDA PEDRO [PT]; DINHO DA SILVA PEDRO NUNO [PT]	E02D29/00; F03D9/02	Aquatic system for energy storage in the form of compressed air
CN101387265 A 20090318	CN20081228050 20081008	UNIV DALIAN TECH [CN]	F03D3/00 ; F03D3/04 ; F03D3/06 ; F03D11/00	Turbo-type vertical shaft wind mill
CN101402393 A 20090408	CN20081228744 20081113	UNIV DALIAN TECH [CN]	B63B35/28;B66C23/52; F03D11/00	Special operation platform for mounting wind-driven generator
EP2044324 A1 20090408	WO2007DK50085 20070706; DK20060000942 20060707	UNIV DANMARKS TEKNISKE [DK]	F03D1/06	Variable trailing edge section geometry for wind turbine blade
WO2009059606 A2 20090514	EP20070120177 20071107; US20070990858P 20071128	UNIV DANMARKS TEKNISKE [DK]; VESTAS WIND SYS AS [DK]; BRATH PER [DK]; DALSGAARD SOEREN [DK]; BLANKE MORGENS [DK]	F03D7/02 ; F03D7/04	Diagnosis of pitch and load defects
CU23373 A1 20090528	CU20080200702 20070910	UNIV DE MATANZAS CAMILO CIENFUEGOS [CU]	F03D1/00	Aerogenerador turbo dinamico
CN101403370 A 20090408	CN20081137520 20081113	UNIV HARBIN ENG [CN]	F03D9/00 ; F03D1/06 ; H02K1/22	Coaxial birotor universal aerogenerator
CN101418781 A 20090429	CN20081209598 20081204	UNIV HARBIN ENG [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; F03D11/00	Double-layer vane non-principal axis wind power generator
CN101418777 A 20090429	CN20081209600 20081204	UNIV HARBIN ENG [CN]	F03D7/06 ; F03D11/00	Burbling pneumatic brake device based on darrieus wind power generator
CN101358578 A 20090204	CN20081021605 20080805	UNIV HEHAI [CN]	F03D9/00 ; C02F1/14	Chimney generation and desalination device by solar

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CN201258828Y Y 20090617	CN20082042191U 20080805	UNIV HEHAI [CN]	F03D9/00	Device for power generating and preparing fresh water by utilizing artificial thermal current
CN201212450Y Y 20090325	CN20082069960U 20080410	UNIV HENAN SCIENCE & TECH [CN]	F03D3/06 ; F03D11/00	Three-halberd whorl-eliminating wind wheel for vertical shaft wind motor
US2009121489 A1 20090514	JP20040304150 20041019; WO2005JP19220 20051019	UNIV KYOTO [JP]	F03D9/00	Energy converter, flag type energy converter
WO2009063599 A1 20090522	JP20070297107 20071115	UNIV KYUSHU NAT UNIV CORP [JP]; OHYA YUJI [JP]; KARASUDANI TAKASHI [JP]; WATANABE KIMIHIKO [JP]	F03D1/04 ; F03D1/06	Fluid machine utilizing unsteady flow, wind turbine, and method for increasing velocity of internal flow of fluid machine
CN101338732 A 20090107	CN20081124198 20080617	UNIV NANJING AERONAUTICS [CN]	F03D9/00 ; F03D11/00 ; F16H57/04	Wind power generator adopting hot pipe for cooling wheel box
CN101393699 A 20090325	CN20081155873 20081017	UNIV NANJING AERONAUTICS [CN]	G09B25/00; F03D9/00	Wind turbine simulator of doubly salient motor and controlling method thereof
CN101392729 A 20090325	CN20081195077 20081029	UNIV NANJING AERONAUTICS [CN]	F03D9/00 ; F03D1/00 ; F03D11/00	Wind power generator cooled by solar injection
CN201210641Y Y 20090318	CN20082037599U 20080617	UNIV NANJING NORMAL [CN]	H02K21/12; F03D1/06 ; F03D9/00 ; H02K1/27; H02K5/00; H02K7/18; H02K21/02	Cross-flow wind power dynamo magneto
US2009008944 A1 20090108	ES20050003242 20051230; WO2006EP12554 20061227	UNIV NAVARRA PUBLICA [ES]	F03D7/04	Method And System Of Control Of The Converter Of An Electricity Generation Facility Connected To An Electricity Network In The Presence of Voltage Sags In Said Network
CN201212451Y Y 20090325	CN20082090364U 20080704	UNIV NORTHEAST AGRICULTURAL [CN]	F03D3/06 ; F03D11/00	Combination type vertical shaft wind mill
CN201212449Y Y 20090325	CN20082090365U 20080704	UNIV NORTHEAST AGRICULTURAL [CN]	F03D3/00 ; F03D11/00	Starting, boosting and braking speed limiter for vertical shaft wind mill

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EP2035695 A2 20090318	WO2007GB02477 20070703; GB20060013249 20060704; GB20060014005 20060714; GB20060014322 20060719	UNIV NOTTINGHAM [GB]	F03D1/06 ; F03D9/00	Wind energy converter and method of converting wind energy
JP2009065787 A 20090326	JP20070232066 20070906	UNIV OF RYUKYUS	H02J3/32; F03D9/02 ; H01M10/44; H02J3/38	Storage battery used for wind generator
JP2009091923 A 20090430	JP20070261393 20071004	UNIV OF RYUKYUS	F03D7/04 ; F03D9/00 ; H02P9/00	Maximum power point follow-up control device for wind power generation device
JP2009127598 A 20090611	JP20070306472 20071127	UNIV OSAKA PREFECTURE	F03D7/06 ; F03D9/00	Performance decrement monitoring method for wind turbine
ES2316278 A1 20090401	ES20070000862 20070322	UNIV OVIEDO [ES]	C02F3/14; F03D9/00	Aireador de propulsiono eolica para sitemas de tratamiento pasivo
CN201202593Y Y 20090304	CN20082024546U 20080624	UNIV SHANDONG [CN]	F03D9/00 ; F03D7/06	Magnetic suspension paddle distance self-adjusting vertical shaft wind power generator
CN201202588Y Y 20090304	CN20082024547U 20080624	UNIV SHANDONG [CN]	F03D3/06 ; F03D11/00	Novel vane of vertical shaft wind power generator
CN101388637 A 20090318	CN20081040140 20080703	UNIV SHANGHAI JIAOTONG [CN]	H02P9/04; F03D7/00 ; G05B13/00; H02P6/16	Dual feed-back wind power generator robust controlling method having feed-forward compensation
CN101344069 A 20090114	CN20081042154 20080828	UNIV SHANGHAI JIAOTONG [CN]	F03D3/00 ; F03D11/00	Vertical axis aerogenerator with birdcage structure
CN101446265 A 20090603	CN20081207214 20081218	UNIV SHANGHAI JIAOTONG [CN]	F03D3/06	Refraction wind-guiding type fan blade system
CN101363415 A 20090211	CN20081200304 20080924	UNIV SHANGHAI SCIENCE & TECH [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Energy-gathering-shadowing speed increasing lifting upright shaft wind power generation plant
US2009015017 A1 20090115	US20070775315 20070710	UNIV STATE CLEVELAND [US]	F03D9/00 ; F03D3/00	Wind powered electricity generating system

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CN101340102 A 20090107	CN20081027688 20080425	UNIV SUN YAT SEN [CN]	H02J7/00; F03D9/00 ; F03G7/08; H02J7/34; H02J15/00	Energy source self-collecting and supplying system and application in micro electro mechanical system
CN201188547Y Y 20090128	CN20082046924U 20080425	UNIV SUN YAT SEN [CN]	H02J7/00; F03D9/00 ; F03G7/08; H02J7/34; H02J15/00	System for automatically acquiring and supplying energy
MD3817 B1 20090131	MD20070000133 20070511	UNIV TEHNICA MOLDOVEI [MD]; UNIV TRANSILVANIA DIN BRASOV [RO]	F03D3/02	Wind turbine with vertical axle (variants)
MD3847 B1 20090228	MD20070000134 20070511	UNIV TEHNICA MOLDOVEI [MD]; UNIV TRANSILVANIA DIN BRASOV [RO]	F03D3/00 ; F03D3/06	Wind turbine with vertical axle (variants)
CN201190634Y Y 20090204	CN20082058177U 20080508	UNIV TONGJI [CN]	F03D9/00	Hydraulic wind power generator
CN101364474 A 20090211	CN20081150003 20080606	UNIV XI AN JIAOTONG [CN]	H01F38/30; F03D9/00 ; G01R15/18	Air-actuated energizing apparatus for current mutual inductor
SE0701866 A 20090217	SE20070001866 20070816	UPPSALA POWER MAN CONSULTANTS [SE]	F03D5/06 ; F03D9/00 ; H02J3/00; H02K37/06; H02N3/00	Vindkraftaggregat och f÷rfarande f÷r generering av elektrisk energi
BRPI0706001 A2 20090407	BR2007PI06001 20070816	VANDERLEI JOSE GENESSY [BR]	F03D9/00 ; F24F5/00	Sistema misto-e¾lico para climatização de ambientes
FR2922607 A1 20090424	FR20070007361 20071022	VARDON THIERRY [FR]	F03D5/06 ; F03G7/08; H02N2/18	Electricity generator i.e. Static wind power generator, for e.g. Power supply of boat, has piezoelectric elements transforming vibration and micromovement into electric discharges reusable in electrical circuit forming static wind generator
US2009121482 A1 20090514	WO2004AU01538 20041108; AU20030906158 20031106	VARISPEED ELECTRIC MOTORS PTY [AU]	H02P9/30; F03B15/00; F03D7/02 ; F03D9/00 ; H02J3/40; H02K16/00; H02K17/42; H02P9/00; H02P9/14	Variable speed power generator having two induction generators on a common shaft

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RU2351798 C1 20090410	RU20070128789 20070726	VARLAMOV SERGEJ EVGEN EVICH [RU]; DURNEVA JULIJA MARATOVNA [RU]; BOLOTIN NIKOLAJ BORISOVICH [RU]	F03D9/00	Wind-driver power plant
RU2349705 C1 20090320	RU20070129582 20070801	VARLAMOV SERGEJ EVGEN EVICH [RU]; DURNEVA JULIJA MARATOVNA [RU]; BOLOTIN NIKOLAJ BORISOVICH [RU]	E02B17/00; B63B35/44; F03B13/10; F03D1/00	Off-shore drilling platform
RU2372519 C2 20091110	RU20070133088 20070903	VARLAMOV SERGEJ EVGEN EVICH [RU]; DURNEVA JULIJA MARATOVNA [RU]; BOLOTIN NIKOLAJ BORISOVICH [RU]	F03B17/00	Wind power plant
WO2009048348 A1 20090416	WO2007RU00549 20071009	VEINBERG VENIAMIN YAKOVLEVICH [RU]	F21S9/04; F03D9/00 ; F21V8/00	Wind lighting fixture
WO2009066334 A2 20090528	IT2007TO00833 20071121	VERGNANO GIOVANNI [IT]	F03D11/02	Power transmitting system through cables for wind- type power generation and sail winch-driving applications
FR2919903 A1 20090213	FR20070005811 20070810	VERGNET SA [FR]	F03D11/04 ; F03D1/00	Wind engine assembly displacing method for wind generator, involves avoiding carrying out connection/disconnection of driving system in event where system constitutes of driving axis directly connecting rotor of blades to electric generator
FR2919902 A1 20090213	FR20070005812 20070810	VERGNET SA [FR]	F03D1/06 ; F03D11/00	Oscillating propeller for dual blade aerogenerator, has intercalary elements provided between articulation element and hub in orifices, where articulation element forms angle with normal to blade axis to permit movement of propeller

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SE531326 C2 20090224	SE20070001406 20070611	VERTICAL WIND AB [SE]	F03D11/04 ; F03D3/02	Vertikalaxlad vindturbin
US2009129925 A1 20090521	GB20080019988 20081031	VESTAS WIND SYS AS	F03D11/00 ; F03D11/04 ; G01L1/22	Wind turbine blade load sensor
ES2316745T T3 20090416	WO2003DK00327 20030515	VESTAS WIND SYS AS	B60P3/40; B66C1/66; F03D11/00	Sistema de trasporte para un componente de aerogenerador y procedimiento para el transporte de aerogenerador.
DE4496438 B4 20090528	DK19930000987 19930901; DK19930001274 19931110; WO1994DK00319 19940825	VESTAS WIND SYS AS [DK]	H02P9/02; F03D7/00 ; H02J3/42; H02M5/22; H02P9/30; H02P9/46; H02P27/02	Verfahren zur Steuerung eines elektrischen Kopplers zur Kopplung eines Wechselstromnetzes mit einem asynchronen Generator oder Motor und Koppler
CN101375053 A 20090225	DK20060000114 20060125	VESTAS WIND SYS AS [DK]	F03D11/02 ;F16H37/04; G01M13/00	A wind turbine comprising at least one gearbox and an epicyclic gearbox
CN101410616 A 20090415	DK20060000469 20060402	VESTAS WIND SYS AS [DK]	F03D7/02 ; F03D11/00	A pitch bearing for a wind turbine, a wind turbine and a method for servicing a bearing
MX2008014116 A 20090204	DK20060000653 20060509; WO2007DK00217 20070508	VESTAS WIND SYS AS [DK]	F03D11/00 ; H02G13/00	Lightning protection system for a wind turbine rotor blade and a method for manufacturing such a blade.
MX2008014894 A 20090210	DK20060000700 20060522; WO2007EP54962 20070522	VESTAS WIND SYS AS [DK]	F16H1/36; F03D11/02	A gear system for a wind turbine.
MX2008015663 A 20090211	DK20060000785 20060609; WO2007DK00280 20070608	VESTAS WIND SYS AS [DK]	F03D11/02 ; F16F15/14	A wind turbine comprising a detuner.
MX2008016394 A 20090211	DK20060000874 20060629; WO2007DK00322	VESTAS WIND SYS AS [DK]	F03D1/00	A handling system for a wind turbine nacelle, a method for vertical displacement of a wind turbine nacelle and a wind turbine nacelle.

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	20070629			
MX2008016378 A 20090216	DK20060000893 20060630; WO2007DK00313 20070627	VESTAS WIND SYS AS [DK]	B66C1/66; F03D1/00 ; F03D11/04 ; F16B5/02	Lifting equipment for handling a wind turbine component and a method for handling a wind turbine component.
MX2008016395 A 20090320	DK20060000912 20060703; WO2007DK00332 20070703	VESTAS WIND SYS AS [DK]	F03D11/00	A test bench comprising angle adjustment means and methods for testing wind turbine equipment.
MX2008016209 A 20090217	DK20060000913 20060703; WO2007DK00337 20070703	VESTAS WIND SYS AS [DK]	F03D11/00	Wind turbine testing system.
MX2009000466 A 20090313	DK20060000981 20060714; WO2007DK00357 20070713	VESTAS WIND SYS AS [DK]	F03D11/00	Wind turbine comprising enclosure structure formed as a faraday cage.
CA2645987 A1 20090619	DK20070001826 20071219; US20070008607P 20071219	VESTAS WIND SYS AS [DK]	H02K11/00; F03D9/00 ; H02H5/00; H02P9/00	Generator system with intelligent processing of position signal
GB2451192 A 20090121	GB20080013240 20080718	VESTAS WIND SYS AS [DK]	F03D1/06	Wind turbine blade reinforced with different types of carbon fibres
CN101465551 A 20090624	US20070008607P 20071219	VESTAS WIND SYS AS [DK]	H02J3/38	Generator system with intelligent processing of position signal
US2009079193 A1 20090326	WO2004DK00921 20041228	VESTAS WIND SYS AS [DK]	F03D9/00 ; H02P9/10	Method of controlling a wind turbine connected to an electric utility grid
BRPI0520632 A2 20090519	WO2005DK00698 20051101	VESTAS WIND SYS AS [DK]	F03D7/00 ; F02C9/28	Método para prolongar e/ou controlar o tempo de vida útil de um ou mais componentes geradores de calor e/ou passivos em uma turbina eólica, e

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				turbina eólica
BRPI0520633 A2 20090519	WO2005DK00702 20051103	VESTAS WIND SYS AS [DK]	F03D1/06 ; F03D11/00	Pá de turbina eólica, turbina eólica, meio de amortecimento de oscilações para amortecimento de oscilações ou vibrações entre bordas de uma pá de turbina eólica, método de amortecimento de oscilações de uma pá de turbina eólica, e uso de um meio de amortecimento de oscilações em uma pá de turbina eólica
BRPI0520692 A2 20090519	WO2005DK00785 20051212	VESTAS WIND SYS AS [DK]	H01R13/533; H01R13/187; H01R13/24	Turbina eólica conectada a uma rede elétrica pública ou a uma outra carga elétrica, conector de alta corrente, e uso do conector de alta corrente
CN101341333 A 20090107	WO2005DK00827 20051223	VESTAS WIND SYS AS [DK]	F03D11/00 ; F03D11/02 ; G01F23/18	Liquid level monitoring in wind turbine member system
BRPI0519889 A2 20090331	WO2005IB50450 20050203	VESTAS WIND SYS AS [DK]	F03D1/06 ; F03D3/06	Método de fabricação de um elemento de invólucro de pá de turbina eólica, método de fabricação de uma pá de turbina eólica, pá de turbina eólica, elemento de invólucro de pá de turbina eólica, uso de um método, e subconjunto
CN101351640 A 20090121	WO2005IB53397 20051017	VESTAS WIND SYS AS [DK]	F03D1/06 ; F03D7/04	Wind turbine blade with variable air mechanics contour
CN101360927 A 20090204	WO2006DK00038 20060123	VESTAS WIND SYS AS [DK]	F16C33/58	Bearing, wind turbine and bearing manufacturing method
US2009021015 A1 20090122	WO2006DK00153 20060316	VESTAS WIND SYS AS [DK]	F03D7/04 ; F03D7/00	Method And Control System For Reducing The Fatigue Loads In The Components Of A Wind Turbine Subjected to Asymmetrical Loading Of The Rotor Plane
EP2027390 A1 20090225	WO2006DK00326 20060609	VESTAS WIND SYS AS [DK]	F03D1/06 ; B64C23/06; F03D11/00	A wind turbine blade and a pitch controlled wind turbine

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EP2021627 A1 20090211	WO2006DK00568 20061009; DK20060000718 20060524; DK20060001218 20060921	VESTAS WIND SYS AS [DK]	F03D9/00 ; F03D11/00 ; H02G13/00	An earting system for a wind turbine connected to a utility grid and for a wind turbine park
CN101371036 A 20090218	WO2006IB50467 20060213	VESTAS WIND SYS AS [DK]	F03D1/00 ; F03D11/00	Clamping mechanism used for clamping component ends
EP2035699 A1 20090318	WO2007DK00316 20070628; DK20060000895 20060630	VESTAS WIND SYS AS [DK]	F03D11/04	A wind turbine tower and a control system and method for altering the eigenfrequency of a wind turbine tower
EP2057513 A1 20090513	WO2007DK00317 20070628; DK20060001133 20060901	VESTAS WIND SYS AS [DK]	G05B15/02; F03D7/00	A priority system for communication in a system of at least two distributed wind turbines
EP2035698 A2 20090318	WO2007DK00333 20070703; DK20060000911 20060703	VESTAS WIND SYS AS [DK]	F03D9/00 ; F03D11/00 ; F03D11/04 ; G01R31/34	A test bench and a method for testing wind turbine equipment
EP2057519 A1 20090513	WO2007DK00392 20070903; DK20060001133 20060901; DK20060001631 20061212	VESTAS WIND SYS AS [DK]	G05B23/02; G05B15/02	System and method of controlling a wind turbine in a wind powerplant
EP2061967 A1 20090527	WO2007DK00404 20070912; DK20060001186 20060914	VESTAS WIND SYS AS [DK]	F03D7/02 ; F03D9/00	Methods for controlling a wind turbine connected to the utility grid, wind turbine and wind park

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EP2069637 A2 20090617	WO2007DK00405 20070912; DK20060001184 20060914	VESTAS WIND SYS AS [DK]	F03D7/02	Method for controlling a wind turbine connected to the utility grid, wind turbine and wind park
EP2038550 A2 20090325	WO2007EP55042 20070524; DK20060000868 20060629	VESTAS WIND SYS AS [DK]	F03D11/04	A tower construction for a wind turbine
EP2041371 A1 20090401	WO2007EP56816 20070705; DK20060000926 20060705; DK20060000927 20060705	VESTAS WIND SYS AS [DK]	E02D27/42; F03D1/00	A tower construction
WO2009056136 A2 20090507	DK20070001545 20071029	VESTAS WIND SYS AS [DK]; ABDALLAH IMAD [DK]; ROMBLAD JONAS [DK]; WESTERGAARD CARSTEN HEIN [DK]; LIM CHEE KANG [SG]	F03D7/02	Wind turbine blade and method for controlling the load on a blade
WO2009010061 A2 20090122	DK20070001048 20070714	VESTAS WIND SYS AS [DK]; CHRISTENSEN POUL BRANDT [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.
WO2009052824 A2 20090430	DK20070001514 20071022; DK20070001856 20071221; US20070015799P 20071221	VESTAS WIND SYS AS [DK]; DEMTROEDER JENS [DK]; MOSTAFI ABDELHALIM [DE]	F03D11/00 ; F03D11/02	Epicyclic gear stage for a wind turbine gearbox, a wind turbine gearbox and a wind turbine
WO2009026933 A1 20090305	DK20070001235 20070829; US20070966863P 20070830	VESTAS WIND SYS AS [DK]; FISCHER TORSTEN [DK]; SOEE-JENSEN ANDERS [DK]	F03D11/04	Monopile foundation for offshore wind turbine

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WO2009043352 A2 20090409	DK20070001444 20071005	VESTAS WIND SYS AS [DK]; HARAGUCHI YOSHIKI [SG]	F03D11/00	A method for de-icing a blade of a wind turbine, a wind turbine and use thereof
WO2009075649 A1 20090618	WO2007SG00427 20071211	VESTAS WIND SYS AS [DK]; INGEMANN HVAS SANDVAD [SG]; SIEW PEY YEN [SG]; TSAN YEE SOON [SG]	G01D1/02; F03D11/00 ; G05B23/02	System and method for detecting performance
WO2009026930 A2 20090305	DK20070001254 20070831	VESTAS WIND SYS AS [DK]; LAUSEN HANS HENRIK [DK]	F03D7/04 ; F03D7/02	Method for controlling at least one adjustment mechanism of a wind turbine, a wind turbine and a wind park
WO2009033484 A2 20090319	DK20070001324 20070913	VESTAS WIND SYS AS [DK]; LAUSEN HANS HENRIK [DK]	F03D7/02	A method of controlling a wind turbine, a wind turbine and use of a method
WO2009003478 A2 20090108	DK20070000954 20070629; US20070948608P 20070709	VESTAS WIND SYS AS [DK]; MOELLER TORBEN WERGE [DK]	F03D7/04 ; F03D11/00	Thermal monitoring of doubly-fed generator
WO2009068035 A2 20090604	DK20070001713 20071130	VESTAS WIND SYS AS [DK]; NIELSEN THOMAS STEINICHE BJERT [DK]; PEDERSEN BO JUUL [DK]	F03D7/02	A wind turbine, a method for controlling a wind turbine and use thereof
WO2009068036 A2 20090604	DK20070001719 20071130	VESTAS WIND SYS AS [DK]; NIELSEN THOMAS STEINICHE BJERT [DK]; PEDERSEN BO JUUL [DK]	F03D7/00 ; F03D7/02	A wind turbine, a method for controlling a wind turbine and use thereof
WO2009052828 A2 20090430	DK20070001527 20071024	VESTAS WIND SYS AS [DK]; NIEUWENHUIZEN JOHN JOHANNES MATHIAS HUBERTUS [DK]	F03D9/00 ; F03D11/00	Wind turbine blade, wind turbine and method for manufacturing a wind turbine blade
WO2009068599 A2 20090604	DK20070001685 20071128	VESTAS WIND SYS AS [DK]; OELLGAARD BOERGE [DK]	F03D7/00 ; F03D7/04	Method for damping oscillations in a wind turbine

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WO2009076955 A1 20090625	US20070014374P 20071217; DK20070001786 20071214	VESTAS WIND SYS AS [DK]; POULSEN BOERGE [DK]; RIMMEN PETER DE PLACE [DK]	H02P9/04; F03D7/02	Lifetime optimization of a wind turbine generator by controlling the generator temperature
WO2009010059 A2 20090122	DK20070001047 20070714	VESTAS WIND SYS AS [DK]; RISAGER LARS [DK]; HAMMERUM KELD [DK]	F03D7/02 ; F03D7/04 ; F03D11/04	Control of rotor during a stop process of a wind turbine
WO2009068038 A1 20090604	DK20070001708 20071129	VESTAS WIND SYS AS [DK]; SOE-JENSEN ANDERS [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
WO2009030252 A1 20090312	WO2007EP07683 20070903	VESTAS WIND SYS AS [DK]; SORENSEN LINDY B [DK]; CHRISTENSEN BO HEFTHOLM [DK]; MATHIASEN BRUNO LUND [DK]	F03D7/00 ; F03D11/00	Shadow control of wind turbines
DE60225482T T2 20090226	WO2002DK00359 20020527	VESTAS WIND SYS AS [FI]	E02D27/42; B63B27/00; E02B17/00; E02D7/18; E02D27/52; F03D1/00 ; F03D11/04	Verfahren zur befestigung einer windturbine, windturbinenfundament und windturbinenanordnung
DE60319152T T2 20090319	WO2003DK00196 20030321	VESTAS WIND SYS AS [FI]	F03D11/04 ; F03D1/00 ; F03D11/00	Verfahren zum bewegen der rotationsmittel einer windturbine w-hrend des transports oder stillstandes, gondel, hilfsvorrichtung und deren verwendung
WO2009010736 A2 20090122	GB20070013931 20070717	VINCE DALE [GB]	F03D3/00 ; F03B13/12; F03D3/02 ; F03D3/06	Vertical axis turbine
WO2009075865 A2 20090618	US20070007296P 20071211	VINCI TECH INC [US]; JONES RONALD D [US]; SMITH GORDON P [US]; MANGANO STEFANO [US]	F03D3/00 ; F03D3/02 ; F03D3/06 ; F03D11/00	Vertical axis wind turbine with blades for redirecting airflow

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DE102007052556 A1 20090507	DE200710052556 20071103	VOELKNER DIETMAR [DE]	F03D3/06	Generator for wind power controls vertical moving rotor blades by transferring force onto a jacketed tube with rotor blade positions controlled during a 360-degree rotation
HU0700356 A2 20090330	HU20070000356 20070521	VOEROESVACZKI TAMAS [HU]	F03D1/04 ; F03D11/04	Wind wheel with diffuser disposed in underground tunnel
DE102007060477 A1 20090618	DE200710060477 20071214	VOITH PATENT GMBH [DE]	F03D9/00	Device for generating heat energy from wind energy, has wind energy plant that is provided with wind turbine and turbine rotor, where hydrodynamic retarder is stand in drive connection with turbine rotor
WO2009015807 A2 20090205	DE200710035636 20070727	VOITH PATENT GMBH [DE]; KAEMMERER STEFFEN [DE]	F03D11/02 ; F03D7/04	Hydrodynamic converter
CA2602133 A1 20090321	CA20072602133 20070921	VOON GERARD G V [CA]	F03D5/02	Tall gravity to electricity invention version iii
CA2603153 A1 20090328	CA20072603153 20070928	VOON GERARD G V [CA]	F03G3/00; F03D5/00	Tall gravity to electricity invention version ii
CA2604167 A1 20090403	CA20072604167 20071003	VOON GERARD G V [CA]	F03G3/00; F03D5/00	Gravity to electricity version iv
WO2009073191 A1 20090611	US20070005595P 20071205	WAGNER THOMAS V [US]; WAGNER JOSEPH W	B63H1/26; B63H7/02; B64C11/24	Wind turbine rotor assembly
WO2009065577 A1 20090528	CH20070001807 20071122	WALDSTEIN GREGOR [AT]	F03D9/02 ; B01D53/62; C01B3/00; C07C29/151; C10J3/68; C25B3/04	Modular power plant unconnected to the grid
DE102008060019 A1 20090528	DE200710058263 20071127; DE200810060019 20081127	WANG YIGANG [DE]	F03D3/06	Vertical axle wind energy converter, has rotor e.g. Savonius rotor, arranged at carrying construction, and inflow device arranged on carrying construction, where inflow device partially surrounds blade
CN201180620Y Y 20090114	CN20082044705U 20080310	WANG YUYAN [CN]	F03D3/06 ; F03D11/00	Blade of vertical axis windmill

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CN201180621Y Y 20090114	CN20082044986U 20080317	WANG YUYAN [CN]	F03D3/06 ; F03D11/00	Air vane with adjustable wing
CN201184280Y Y 20090121	CN20082045425U 20080325	WANG YUYAN [CN]	F03D3/06	Single wing-changing air vane
CN201215066Y Y 20090401	CN20082045740U 20080331	WANG YUYAN [CN]	F03D9/00 ; H02K1/12; H02K1/27; H02N15/00	Vertical shaft windmill mounted with magnetic suspension system
CN201206528Y Y 20090311	CN20082046366U 20080414	WANG YUYAN [CN]	F03D3/06	Air vane with rotating angle of main wing varying along wind direction
CN201215064Y Y 20090401	CN20082047683U 20080513	WANG YUYAN [CN]	F03D3/06 ; F03D11/00	Air vane with rotating angle of main wing and aileron changing along wind
CN201176908Y Y 20090107	CN20082076948U 20080407	WANG ZHANGSHUI [CN]	F03D3/06 ; F03D9/00 ; F03D11/00 ;H01T19/04	Power generation windmill
CN101358577 A 20090204	CN20071016454 20070803	WANGGAO ZHANG [CN]	F03D7/00	Speed regulating device for small-sized wind power generator
WO2009075769 A1 20090618	US20070999811 20071207	WATTS ENERGY LLC [US]	F03D1/02	Multi-turbine airflow amplifying generator
CN201198875Y Y 20090225	CN20082022857U 20080526	WEIFANG SWISS ELECTRIC CO LTD [CN]	F16C35/12; F03D11/00	Rolling axial supporting device of transmission shaft
CN201198874Y Y 20090225	CN20082022858U 20080526	WEIFANG SWISS ELECTRIC CO LTD [CN]	F16C35/08; F03D11/00	Rolling radial support apparatus of transmission shaft
CN201187414Y Y 20090128	CN20082047332U 20080430	WEIMIN SU [CN]	F03D9/00 ; F03D1/02 ; F03D1/04	Chimney type solar energy and wind energy integrated electric generating apparatus
CN201187415Y Y 20090128	CN20082047333U 20080430	WEIMIN SU [CN]	F03D9/00	Chimney type solar energy and wind energy integrated electric generating apparatus
CN201221438Y Y 20090415	CN20082049123U 20080613	WEINAN XIAO [CN]	F03D3/06 ; F03D11/00	Improved structure of wind power generator hemi-spherical fan blade
CN201221439Y Y 20090415	CN20082050757U 20080716	WEINAN XIAO [CN]	F03D3/06 ; F03D11/00	Double-layer type combined fan blade structure of wind power generator
CN201241787Y Y 20090520	CN20082051906U 20080807	WEINAN XIAO [CN]	F03D1/06 ; F03D11/00	Fan blade structure of horizontal shaft wind power generator

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CN201246665Y Y 20090527	CN20082051885U 20080806	WEIPING WANG [CN]	F21S9/04; F03D9/00 ; F21V23/00	Road lamp using wind energy
CN201198818Y Y 20090225	CN20082056593U 20080326	WEIQING SHEN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; H02N6/00	Ball joint type wind and light tridimensional polymerization power generation system
DE202008012627U U1 20090212	DE200820012627U 20080923	WEISS MANFRED [DE]	F03D9/00	Strassenbegrenzungspfahl mit Windrad
CN201202579Y Y 20090304	CN20082049198U 20080610	WENHAI SU [CN]	F03B13/00; F03D9/00 ; F03G6/06	Water power, wind power and solar integrative power generation floating stage
CN201187721Y Y 20090128	CN20072196273U 20071225	WENHE ZHANG [CN]	F21S9/04; F03D3/00 ; F21S9/03; F21V21/108; F21V23/00; H02J7/14; H02J7/35; H03K17/94	Environment protection energy-saving road lamp
CN201241800Y Y 20090520	CN20082207520U 20080809	WENJIAN CHEN [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	Adjustable impeller wind electricity generator
CN101457745 A 20090617	CN20081188440 20081214	WENJUN ZHOU [CN]	F03D11/00	Revolving flapping wings reducing machine
CN201193586Y Y 20090211	CN20082111010U 20080423	WENQING WANG [CN]	F03D1/06	One-shaft multilevel windmill of horizontal axle
CN201206534Y Y 20090311	CN20082114355U 20080512	WENZHONG ZHANG [CN]	F03D9/00	Maintenance-free cylinder type generating set group
EP2067913 A2 20090610	EP20070023389 20071204; EP20080000101 20080104	WESERWIND GMBH [DE]	E04H12/10; E02B17/00; F03D11/04	Grid structure for an offshore construction, in particular an offshore wind energy converter
EP2067914 A2 20090610	EP20070023454 20071204; EP20080000102 20080104	WESERWIND GMBH [DE]	E04H12/10; E02B17/00; E04B1/58; F03D11/04	Grid structure for an offshore construction, in particular an offshore wind energy converter, and method for manufacture thereof

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EP2072685 A1 20090624	EP20070024501 20071218; EP20080000246 20080109	WESERWIND GMBH [DE]	E02B17/00; F03D1/00	Foundation structure for an offshore construction, in particular an offshore wind energy system, and method for manufacture thereof
EP2067915 A2 20090610	EP20080001761 20080131; EP20070023455 20071204	WESERWIND GMBH [DE]	E04H12/10; E02B17/00; F03D11/04	Grid structure for an offshore construction, in particular an offshore wind energy converter
GB2451041 A 20090114	WO2007GB01356 20070412; GB20060007507 20060413	WEST ALAN [GB]	F03D9/00 ; B63B35/00; F03B13/12; F03D9/02	Offshore apparatus for capturing energy
WO2009043119 A1 20090409	AU20070905470 20071004	WEST STEPHEN MARK [SG]	F01D1/04; E02B9/00; F01D1/26; F03B3/04; F03B3/06; F03B3/08; F03B3/18; F03D1/00	Turbine assembly
US2009074578 A1 20090319	US20050577461 20051018; US20040619002P 20041018; WO2005CA01596 20051018	WHALE POWER CORP [CA]	F01D7/00; F01D5/14; F03B3/12; F03B13/00; F03D9/00 ; F03D11/00 ; H02K7/18	Turbine and compressor employing tubercle leading edge rotor design
EP2065593 A1 20090603	EP20070121682 20071127	WIND EN WATER TECHNOLOGIE HOLD [NL]	F03D1/00 ; F03D11/04	Tower for a wind turbine
US2009110554 A1 20090430	US20040568063P 20040503; US20070587620 20071008; WO2005US15148 20050503	WIND ENERGY GROUP INC [US]	F03D7/06 ; F03B15/06; F03D3/00 ; F03D3/06 ; F03D11/04	Wind Turbine for Generating Electricity
CA2606927 A1 20090418	CA20072606927 20071018	WIND SIMPLICITY INC [CA]	F03D1/06 ; B64C11/16; F04D29/38	Curved blade for wind turbines

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US2009104039 A1 20090423	US20070874508 20071018	WIND SIMPLICITY INC [CA]	F03D11/02	Curved Blade for Wind Turbines
US2009016887 A1 20090115	US20070964994 20071227; US20070911605P 20070413	WIND SIMPLICITY INC [CA]	F03D1/06	Rotor Drum for Multiple Rotor Wind Turbine
US7530785 B1 20090512	US20050106133 20050413	WIND TURBINE COMPANY [US]	F03D7/02	Method and apparatus for controlling pitch and flap angles of a wind turbine
NO327871B B1 20091012	NO20070005934 20071119	WINDSEA AS [NO]	F03D11/04	Flytende vindkraftanordning
WO2009009567 A2 20090115	US20070958781P 20070709; US20080164305 20080630	WINDSIDE AMERICA [US]; JOUTSINIEMI RISTO [FI]	F03D3/02 ; F03D9/00	Linear power station
WO2009054837 A1 20090430	WO2007US71992 20070625	WINDSTOR POWER CO [US]; EL-SAYED MOHAMED E M [US]	F03D3/00	Improved vertical axis wind system
AU2008264176 A1 20090129	AU20020315303 20020422; AU20080264176 20081224; DE20011036974 20010728; DE20011020212 20010424; WO2002EP04384 20020422	WOBBEN ALOYS	F03D7/04 ; F03D9/00 ; H02J3/32; H02J3/38; H02J3/42; H02P9/00	Method for operating a wind energy plant

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AU2009201116 A1 20090423	AU20070200081 20070109; AU20090201116 20090320; AU20050202210 20050523; WO2002EP04109 20020412; DE20011038399 20010804; DE20011019624 20010420	WOBBEN ALOYS	F03D9/00 ; F03D7/02 ; F03D7/04 ; H02P9/00	Method for operating a wind energy plant
JP2009011154 A 20090115	DE20011048225 20010928	WOBBEN ALOYS	F03D7/02 ; H02P9/00; F03D7/04 ; F03D9/00 ; H02J3/38; H02J3/46	Operation method of wind park
ES2310219T T3 20090101	DE20011049669 20011009; DE20021000728 20020111; DE20021026996 20020618	WOBBEN ALOYS	E02D27/32; E02D27/42; F03D1/00	Procedimiento para la construccion de una cimentacion, en particular para una torre de una planta de energia eolica.
JP2009065829 A 20090326	DE20011053644 20011031	WOBBEN ALOYS	H02P9/00; F03D9/00 ; F03D11/02 ; F03D11/04 ; H02K19/26; H02P9/30; H02P9/38	Wind-power generating system having non-contact power transfer means to rotor unit
JP2009008094 A 20090115	DE20021005988 20020214	WOBBEN ALOYS	F03D11/04 ; F03D1/00 ; F03D1/02 ; F03D9/00	Wind turbine
JP2009074553 A 20090409	DE20021045078 20020927	WOBBEN ALOYS	F03D11/04 ; F03D1/00 ; F03D1/06	Wind power installation

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JP2009036210 A 20090219	DE20031020087 20030505; DE20031028889 20030626	WOBBEN ALOYS	F03D9/02 ; F03D7/00 ; F03D7/02 ; F03D7/04 ; F03D9/00	Method of operating wind park
KR20090015961 A 20090212	DE20001022128 20000506	WOBBEN ALOYS [DE]	F03D11/00 ; F03D1/06 ; H01T1/22; H01T4/00; H02G13/00; H02P9/00; H05F3/02; H05F3/04	Wind power installation
AT421793T T 20090215	DE20001040273 20000814	WOBBEN ALOYS [DE]	H02K16/04; F03D9/00 ; H02J3/38; H02M5/458; H02P7/00; H02P9/02	Windenergieanlage
AT426096T T 20090415	DE20011015267 20010328	WOBBEN ALOYS [DE]	F03D7/04 ; G01D9/00; F03D9/00 ; F03D11/00	Verfahren zur uberwachung einer windenergieanlage
AT418677T T 20090115	DE20011021647 20010503; DE20011028438 20010612	WOBBEN ALOYS [DE]	F03D9/00 ; H02K5/24	Tragkonstruktion f_r den stator eines ringgenerators einer windturbine
AT418008T T 20090115	DE20011037272 20010731	WOBBEN ALOYS [DE]	F03D11/00 ; G01W1/02; F03D7/00 ; F03D7/02 ; F03D7/04	Fr_hwarnsystem f_r windenergieanlagen mit sodar
DE10262308 B4 20090205	DE20021000401 20020108	WOBBEN ALOYS [DE]	B60P3/40; B60P3/00; B60P3/41; F03D1/00	Vorrichtung zum Handhaben von St³ckg³tern
AT426432T T 20090415	DE20021005373 20020209	WOBBEN ALOYS [DE]	A62C3/00; A62C39/00; A62C3/02; A62C3/16; F03D11/00 ; H01M8/00	Brandschutz
DK1514029T T3 20090223	DE20021023429 20020525; WO2003EP05146 20030516	WOBBEN ALOYS [DE]	F03D11/04 ; F16B11/00; E04B1/38; E04H12/08; F16B5/02	Flangeforbindelse
AT428050T T 20090415	DE20031024166 20030528	WOBBEN ALOYS [DE]	F03D1/06	Rotorblattanschluss

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KR20090018989 A 20090224	DE200410046701 20040924	WOBBEN ALOYS [DE]	F03D7/00 ; F03D1/00	Regenerative energy system
DE202006020571U U1 20090108	DE200510002650 20050119; WO2006EP00394 20060118	WOBBEN ALOYS [DE]	F21V21/04; F03D11/00 ; F21V33/00	Stableuchte zur Befeuerung eines Turms
EP2071535 A2 20090617	EP20050109416 20010508; EP20010951485 20010508; DE20002008289U 20000509	WOBBEN ALOYS [DE]	F03D11/04 ; G08B5/00; F03D11/00 ; F21S8/00; F21S9/04; F21V23/04; G08B5/22; G08G1/0968; G09F13/00; G09F13/20	Transportable aviation light
HK1087753 A1 20090508	WO2004EP02863 20040319; DE20032010089U 20030701	WOBBEN ALOYS [DE]	A01K61/00; F03D11/00	Wind energy plant
EP2018475 A1 20090128	WO2007EP54533 20070510; DE200610022279 20060511	WOBBEN ALOYS [DE]	F03D1/06	Rotor blade for a wind energy installation
WO2009077275 A2 20090625	DE200710061167 20071217; DE200810011218 20080226; DE200810020270 20080422	WOLTER KLAUS [DE]	F03D9/00 ; F01K25/00; F03D9/02 ; F03G7/04	Method, device, and system for injecting energy into a medium
KR20090000510 A 20090107	KR20070064623 20070628	WON IN HO [KR]	F03D1/06 ; F03D1/00	Rotational plate windmill
DE102007039697 A1 20090226	DE200710039697 20070822	WOODWARD SEG GMBH & CO KG [DE]	H02P9/02; H02P21/00	Verfahren und Vorrichtung zur Kompensation von Schwingungseffekten bei Netzunsymmetrie bei einer doppeltgespeisten Asynchronmaschine

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DE102007054660 A1 20090520	DE200710054660 20071114	WREDE RONALD [DE]	F03D9/00	Wind-powered wheel for use as e.g. Drive of pump in agricultural application, has floating body pulled onto return path by cable technique for positioning of rotor, and moved by floating cable car technique in flow manner
CN101457741 A 20090617	CN20071168895 20071214	WUHAN DINGCHAO TECHNOLOGY DEV [CN]	F03D9/00	Highly effective power generation windmill group
CN201228614Y Y 20090429	CN20082068178U 20080630	WUHAN FULAI BUSINESS TRADING C [CN]	F03D9/00 ; F03D1/06 ; F03D3/06 ; F03D11/00	Wind power generator for vehicle and ship
CN201225232Y Y 20090422	CN20082041806U 20080717	WUXI BAONAN MACHINE MFG CO LTD [CN]	F03D7/00 ; F03D11/00	Yawing mechanism of wind power generator
CN201225228Y Y 20090422	CN20082041811U 20080717	WUXI BAONAN MACHINE MFG CO LTD [CN]	F03D1/06 ; F03D3/06 ; F03D11/00	Main shaft of wind power generator
CN201225233Y Y 20090422	CN20082041812U 20080717	WUXI BAONAN MACHINE MFG CO LTD [CN]	F03D7/04 ; F03D11/00	Paddle changing mechanism of wind power generator
CN201250760Y Y 20090603	CN20082119378U 20080705	WUXI INST OF TECHNOLOGY [CN]	F03D9/00	Novel vertical shaft wind driven generator
CN101392722 A 20090325	CN20071152212 20070919	XIANFAN LIAO [CN]	F03D3/06	Vaned wind force wing wheel independent to wind direction
CN201187525Y Y 20090128	CN20082066824U 20080506	XIANGFAN GUANYU ENGINEERING CO [CN]	F16C19/38; F03D11/00 ; F16C33/58	Long life ultrathin wall precision bearing for wind power generator
CN201196134Y Y 20090218	CN20082020362U 20080410	XIANGYANG LI [CN]	F03D9/00 ; F03D3/06 ; H01T19/04; H02J7/14	Vertical axis taper-shaped rotor wind-bowl aerogenerator
CN201241789Y Y 20090520	CN20082074753U 20080514	XIANGYU WANG [CN]	F03D5/00	Reciprocating type wind power machine
CN201221441Y Y 20090415	CN20082053797U 20080721	XIANYI YAN [CN]	F03D9/00	Wind power energy storage electric generating set
CN201193587Y Y 20090211	CN20082022562U 20080521	XIAOCHAO ZHU [CN]	F03D3/00 ; F03D3/04 ; F03D7/06	Wind mill with rotating wind-guiding device

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CN101435409 A 20090520	CN20071092993 20071116	XIAOLAN TANG [CN]	F03D9/00 ; B60L8/00; B61C3/00; B63H21/00; B64D27/00; H02J7/14; H02K7/18	Environment protection type renewable energy source power conversion machine
CN201258823Y Y 20090617	CN20082027580U 20080905	XIAOMING WANG [CN]	F03D3/06	Novel wind power generator blade
CN201258832Y Y 20090617	CN20082093456U 20080418	XIAOPING DUAN [CN]	F03D9/02	Follow-up hydraulic scalable system
CN201258824Y Y 20090617	CN20082093457U 20080418	XIAOPING DUAN [CN]	F03D7/00	Remote monitoring system of wind generating set
CN201262133Y Y 20090624	CN20082093458U 20080418	XIAOPING DUAN [CN]	F03D7/00	Wind power generation plant
CN201228617Y Y 20090429	CN20082126404U 20080627	XIAOQING LI [CN]	F03D11/00	Anchor ring for wind power generator
CN101358580 A 20090204	CN20081119727 20080908	XIAOTONG CHEN [CN]	F03D9/00 ; F03D7/06	Combination wind collecting wind generating set
CN101363408 A 20090211	CN20081119728 20080908	XIAOTONG CHEN [CN]	F03D9/00 ; F03D3/02 ; F03D7/06	Vertical shaft giant energy and energy-collecting wind-driven generator group
CN101358581 A 20090204	CN20081119889 20080916	XIAOTONG CHEN [CN]	F03D9/00 ; C02F1/04; F03D7/06 ; F24H4/02; F25B30/02; F26B23/10	Vertical shaft giant energy and vertical shaft energy-collecting wind heat pump and thermal power plant cogeneration system
CN101363409 A 20090211	CN20081119891 20080916	XIAOTONG CHEN [CN]	F03D9/00 ; F03D3/02 ; F03D7/06	Vertical shaft giant energy and energy-collecting wind-power water drawing machine
CN101435414 A 20090520	CN20081240735 20081224	XIAOTONG CHEN [CN]	F03D9/00 ; F03D7/06	Giant combined wind-collecting wind generating set
CN101403481 A 20090408	CN20081156110 20080928	XIAOYING YANG [CN]	F21S9/03; F03D9/00 ; F21S9/04	Wind-light complementation magnetic suspension slight breeze power generation road lamp
CN101354012 A 20090128	CN20071128953 20070727	XIJIN HE [CN]	F03D9/00 ; F03D3/04	Wind power station of skyscraper

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CN101363426 A 20090211	CN20071012420 20070806	XINGLU CONG [CN]	F04B35/00; F03D9/00	Wind energy compressor
CN101382117 A 20090311	CN20071012792 20070908	XINGLU CONG [CN]	F03D3/06	Wind energy collecting fan
CN101382115 A 20090311	CN20071012793 20070908	XINGLU CONG [CN]	F03D1/00 ; F03D11/04	Permanently installation facilities for wind energy equipment buildings
CN201188594Y Y 20090128	CN20082003983U 20080213	XINGUANG LIU [CN]	H02N15/00; F03D11/00 ; F16C32/04	Self-regulating levitation wind power generation system
CN201212452Y Y 20090325	CN20082107670U 20080403	XINGUANG LIU [CN]	F03D3/06	Novel vertical shaft wind wheel
CN101344072 A 20090114	CN20071202269 20071025	XINGZHU JIANG [CN]	F03D9/00 ; H02K7/18	One-axis multi-machine speeding wind generator set
CN101372939 A 20090225	CN20071092597 20070821	XINMING TAN [CN]	F03D3/04	Airflow type electric generating apparatus
CN201225230Y Y 20090422	CN20082121984U 20080731	XINQIAO HUANG [CN]	F03D3/06 ; F03D11/00	Horizontal wind power generator fan blade
CN201246278Y Y 20090527	CN20082121985U 20080731	XINQIAO HUANG [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	Horizontal stator rotary wind power generator
CN201246273Y Y 20090527	CN20082121986U 20080731	XINQIAO HUANG [CN]	F03D3/06 ; F03D11/00	Vertical blade fan blade of horizontal wind power generator
CN201225237Y Y 20090422	CN20082121987U 20080731	XINQIAO HUANG [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	Horizontal wind power generator
CN201225240Y Y 20090422	CN20082121988U 20080731	XINQIAO HUANG [CN]	F03D11/00	Winding-proof apparatus of wind power generator
CN201247981Y Y 20090527	CN20082114261U 20080619	XINXIONG CAI [CN]	H02K3/04; F03D9/00 ; H02K1/06	Improved structure of wind power generator
CN201228610Y Y 20090429	CN20082116468U 20080616	XINXIONG CAI [CN]	F03D1/00 ; F03D9/00 ; F03D11/00	Improved structure for support of horizontal wind power generator
CN201255083Y Y 20090610	CN20082301801U 20080811	XINXIONG CAI [CN]	F03D9/00	Improved structure for vertical composite type wind power generator

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN201187401Y Y 20090128	CN20072141023U 20070323; CN20082004329U 20080130	XINYU LIU [CN]	F03D1/06 ; F03D11/00	Noctilucent wind electric power generation fan blade
CN101418780 A 20090429	CN20081183184 20081215	XIONG LIU [CN]	F03D9/00 ; F03D1/00 ; F03D1/04 ; F03D7/04 ; F03D11/00	Wind-resistant and energy-collecting plate type wind-driven generator
CN201193591Y Y 20090211	CN20082021793U 20080513	XIUPENG LIN [CN]	F03D9/00 ; F03D3/00 ; F03D11/00	Vertical axis aerogenerator with magnetic suspension for reducing gravity force and frictional force
CN101435407 A 20090520	CN20071187801 20071114	XIYI WANG [CN]	F03D5/06 ; F03B13/00; F03B15/00; F03B17/06; F03D7/00 ; F03D9/00	High-efficiency automatic sailboard wind power and ocean current power generation system
CN101349237 A 20090121	CN20081120290 20080815	XU JIANXIONG [CN]	F03D1/06 ; F03D11/00	Blower fan structure of wind-driven generator
CN201258829Y Y 20090617	CN20082135963U 20080927	XUDONG LIU [CN]	F03D9/00	Non-tail horizontal axle down wind turbinec
CN101440780 A 20090527	CN20071114613 20071122	XUELIN WANG [CN]	F03D9/00 ; H02K1/27; H02K7/18; H02K9/02	Composite permanent magnetism direct drive wind power generator
CN201246277Y Y 20090527	CN20082090859U 20080908	XUEQI WANG [CN]	F03D9/00 ; F03D3/06	Plate turnover type wind power generator
CN101349246 A 20090121	CN20081108120 20080522	XUEWEN LAN [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; F03D7/06	Full effective type wind power generation plant
CN201196133Y Y 20090218	CN20082013062U 20080519	XUEWEN LAN [CN]	F03D9/00 ; F03D3/04 ; F03D3/06 ; F03D7/06	Full-effect wind power generation plant
CN101363400 A 20090211	CN20081042974 20080916	YAFENG XIANG [CN]	F03D3/00 ; F03D3/06 ; F03D7/06	Windmill device for vertical shaft type wind power generation system and method for controlling vane of windmill

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
JP2009068482 A 20090402	JP20070264935 20070910	YAGI KUNIO; YAGI KEISUKE	F03D9/02 ; B60L8/00; F03D1/02 ; F03D1/04 ; F03D3/02 ; F03D9/00	Wind power generation hybrid car
JP2009074447 A 20090409	JP20070244426 20070920	YAMAGUCHI PREFECTURE	F03D3/06	Vertical shaft type windmill
JP2009092058 A 20090430	JP20070287823 20071009	YAMAKAWA TAKEO	F03D1/04 ; F03D1/06 ; F03D9/00 ; F03D11/00	Duct type forced wind generator
KR20090021274 A 20090302	CN20061028267 20060628	YAN QIANG [CN]	F03D11/04 ; F03D3/06	A method for installing blades and wind wheel of vertical axis wind power generator
KR20090043809 A 20090507	KR20070109574 20071030	YANG JUNG SEUNG [KR]	F03D3/04	Wind guide plates and apparatus for high efficient wind power turbine
CN101338734 A 20090107	CN20081150623 20080813	YANG QISHI [CN]	F03D9/02	Energy storage type wind power generation plant
CN201198815Y Y 20090225	CN20082032061U 20080311	YANGZHOU SHENZHOU WIND DRIVEN [CN]	F03D7/00 ; F03D11/00 ; F16D27/10	Brake device of wind power generator
CN201250756Y Y 20090603	CN20082218118U 20080918	YANMIN ZHANG [CN]	F03D3/02	Dual-vertical-shaft mutual-compensation windmill
CN201246666Y Y 20090527	CN20082051887U 20080806	YANPING CHEN [CN]	F21S9/04; F03D9/00 ; F21V23/00; G08G1/095	Traffic lamp using wind energy
CN101392731 A 20090325	CN20081232179 20081110	YANQING ZHAO [CN]	F03D9/00 ; F03D1/00	Wind power generation method by pushing blade by utilizing compressed air
CN101344071 A 20090114	CN20081079254 20080820	YAOTAI ZUO [CN]	F03D3/06 ; F03D11/00	Air vane
CN101368543 A 20090218	CN20071147052 20070819	YAOZHONG LI [CN]	F03D9/00 ; F03D1/04 ; F03D1/06 ; F03D7/00 ; F03D11/04 ; H02J3/00; H02K7/18	Upward flowing air energy power generation apparatus
CN101349249 A 20090121	CN20081150918 20080905	YAXI CUN [CN]	F03D9/00 ; F03D3/06	Suspended type vertical shaft wind power generator apparatus

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN101354009 A 20090128	CN20072156878U 20070711; CN20081128938 20080620	YEFAN GE [CN]	F03D3/06 ; F03D11/00	Special-shaped fan blade of wind power generator
CN201241797Y Y 20090520	CN20082104396U 20080718	YEFAN GE [CN]	F03D9/00 ; F03D3/06 ; F03D11/00	Wind power generator
CN201187419Y Y 20090128	CN20082114644U 20080507	YEZHONG WANG [CN]	F03D9/00 ; F03D3/00 ; F03D3/04	Natural wind power generation plant
CN201193593Y Y 20090211	CN20082073694U 20080118	YIAN LI [CN]	F03D9/00 ; F03D3/00 ; F03D3/06 ; F03D7/06 ; F03D11/00 ;F16H55/17	Flat-plate windmill
CN101387269 A 20090318	CN20081152510 20081028	YILI WANG [CN]	F03D9/00	Uniform wind generating set
CN101440779 A 20090527	CN20071144644 20071121	YING CHEN [CN]	F03D7/04	Flexible speed regulating device of wind power generation wing
CN101363399 A 20090211	CN20081167571 20081013	YING MA [CN]	F03D1/06 ; B29C33/00; B29C33/30; B29C70/42; B29C70/54; F03D11/00	Hub cap and method for manufacturing same
CN101416618 A 20090429	CN20071164285 20071023	YINGHUAI WANG [CN]	A01M29/00; F03D9/00	New method for driving birds on airfield
CN201225229Y Y 20090422	CN20082127475U 20080724	YINGMING FU [CN]	F03D3/00 ; F03D3/06 ; F03D11/00	Power machine of wind power arced skirt-board afflux bucket sail horizontal rotating tray
CN101338735 A 20090107	CN20071123508 20070702	YINGZHI MENG [CN]	F03G6/06; C02F1/12; F03D9/00	Multi- energy sources power generation and sea water desalination device
CN101338736 A 20090107	CN20071123509 20070702	YINGZHI MENG [CN]	F03G6/06; C02F1/12; F03D9/00	Multi- energy sources power generation and sea water desalination method
CN201258831Y Y 20090617	CN20082207866U 20080813	YONGCAI HOU [CN]	F03D9/00	Horizontal back-pumping turbo wind power plant
CN201193590Y Y 20090211	CN20082021693U 20080428	YONGJUN WANG [CN]	F03D9/00 ; F03D11/02 ; H02K7/18	Emergency generating set

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN201250751Y Y 20090603	CN20082003924U 20080226	YONGKUI ZOU [CN]	F03D1/06	Weathercock-free windmill structure and pneumatic design of same
KR20090039022 A 20090422	KR20070104409 20071017	YOON TAE SO [KR]	F03D9/00 ; F03D3/06	A wind power generator having several small generator
KR20090060039 A 20090611	KR20070127184 20071207	YOON YANG IL [KR]; NOGUCHI TSUNEO [JP]	F03D11/00 ; F03D1/06	Windmill for electric generating device
KR20090008014 A 20090121	KR20070071294 20070716	YOU CHANG MOTORS & STILL [KR]; KIM BEOM YONG [KR]	F03D7/06 ; F03D3/02	Wind power generator
CN101392715 A 20090325	CN20071077951 20070919	YOUWEI PAN [CN]	F03B13/00; F03D9/00 ; H02K7/18	Three purpose electric generator used in water, on earth and in sky
CN201241798Y Y 20090520	CN20082109632U 20080804	YOUYI ZHAO [CN]	F03D9/00 ; F03D3/06 ; F21S9/04; H02J3/38; H02J7/14; H02N6/00	High efficient wind power electric generator
CN201246271Y Y 20090527	CN20082026847U 20080819	YUEKUN WANG [CN]	F03D1/06 ; F03D11/00	Taper-shaped fan blade
CN201250758Y Y 20090603	CN20082090987U 20080923	YUHE SUN [CN]	F03D9/00	Horizontal series wind-wheel wind-power generation device
CN101446270 A 20090603	CN20081220015 20081216	YUNKE LIU [CN]	F03D9/00	Wind generator system
CN101457736 A 20090617	CN20081146600 20080905	YUNLONG ZHANG [CN]	F03D1/02	Composite rotor system of wind motor
CN101435410 A 20090520	CN20071156585 20071115	YUNSHENG WU [CN]	F03D9/00 ; F03D7/04 ; H02K7/18	Non-gear box high speed synchronous wind power generator
EP2028102 A1 20090225	WO2007RU00121 20070309; RU20060109976 20060328	ZAKRYTOE AKTZIONERNOE OBSHCEST [RU]; OBSHCESTVO S OGRANICHENNOI OTV [RU]; ZAKRYTOE AKTZIONERNOE OBSHCEST [RU]	B64C11/20; B63H1/14; F03D1/00	Shpadi propeller (variants) and the involute of the blades thereof

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
WO2009049392 A1 20090423	WO2007BY00005 20071015	ZAKUTNEU YURY VIKTOROVICH [BY]	F03D1/04	Sail-driven wind power plant
US2009079195 A1 20090326	US20080257099 20081023; JP20020332463 20021115; US20030534216 20031113; WO2003JP14463 20031113	ZEPHYR CORP [JP]	F03D9/00 ; H02P9/00; H02P9/04; H02P9/08	Wind power generator
CN201187412Y Y 20090128	CN20082035818U 20080516	ZHANGJIAGANG BEIER MACHINERY C [CN]	F03D9/00 ; F03D3/06 ; F03D7/06	Novel wind power generator
CN201187413Y Y 20090128	CN20082035819U 20080516	ZHANGJIAGANG BEIER MACHINERY C [CN]	F03D9/00 ; F03D3/06	Inner concealed wind power generator of power generation mechanism
CN201196130Y Y 20090218	CN20082036045U 20080523	ZHANGJIAGANG BEIER MACHINERY C [CN]	F03D3/06 ; F03D7/06 ; F03D11/00	Automatic blade opening and closing wind-power rotor
CN201196135Y Y 20090218	CN20082036047U 20080523	ZHANGJIAGANG BEIER MACHINERY C [CN]	F03D9/00 ; F03D3/06 ; F03D7/06 ; F03D11/00 ; H02N6/00	Aerogenerator capable of intelligently controlling start and stop of blade
CN201196136Y Y 20090218	CN20082036049U 20080523	ZHANGJIAGANG BEIER MACHINERY C [CN]	F03D9/00 ; F03D3/06 ; F03D7/06 ; F03D11/00 ; H02N6/00	Aerogenerator equipped with multi-layer rotor
CN201206527Y Y 20090311	CN20082020850U 20080416	ZHANMIN LIU [CN]	F03D1/04	Wind power generation wind-collecting machine
CN201202590Y Y 20090304	CN20082103613U 20080428	ZHAOMENG DENG [CN]	F03D3/06 ; H02K7/18	Wind power generator
CN201184271Y Y 20090121	CN20082017577U 20080130	ZHAOSHENG ZHENG [CN]	F03D1/06 ; F03D11/00	High-efficiency wind wheel for wind power generator
CN201187420Y Y 20090128	CN20082120674U 20080630	ZHEJIANG HUAYI WIND ENERGY DEV [CN]	F03D11/00	Engine compartment seat of wind generating set
CN201187405Y Y 20090128	CN20082120747U 20080701	ZHEJIANG HUAYI WIND ENERGY DEV [CN]	F03D1/06 ; F03D11/00	Wind generating set hub

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN201187421Y Y 20090128	CN20082120875U 20080703	ZHEJIANG HUAYI WIND ENERGY DEV [CN]	F03D11/00	Tower frame of wind generating set
CN101446267 A 20090603	CN20081163839 20081225	ZHEJIANG HUAYING WIND POWER GE [CN]	F03D9/00	Active pitch-controlled wind turbine
CN101457744 A 20090617	CN20081163840 20081225	ZHEJIANG HUAYING WIND POWER GE [CN]	F03D9/00	Passive paddle changing wind power generator
CN101446259 A 20090603	CN20081164133 20081225	ZHEJIANG HUAYING WIND POWER GE [CN]	F03D1/00	Downwind aerogenerator gyrodamping and locking mechanism
CN101397976 A 20090401	CN20081121162 20080929	ZHEJIANG YUNDA WIND POWER GENE [CN]	F03D9/00 ; F03D1/06 ; F03D11/00	Wind generating set by using bamboo-based blade
CN201246280Y Y 20090527	CN20082148117U 20080715	ZHENGSHUN LI [CN]	F03D9/00 ; F03D3/06 ; F03D11/04	Wind power hydropower generator
CN201202585Y Y 20090304	CN20082117179U 20080527	ZHENHAI ZHONG [CN]	F03D1/00 ; F03D11/00 ; F03D11/04	Full-automatic independent wind power generator tower frame
CN201212448Y Y 20090325	CN20082000445U 20080114	ZHENKAI KUANG [CN]	F03D1/06	Disc type wind energy impeller wheel
CN201209517Y Y 20090318	CN20082038418U 20080620	ZHICHENG GAO [CN]	F03D3/06 ; F03D11/00	Wind wheel
CN101418779 A 20090429	CN20071181761 20071023	ZHIGANG HE [CN]	F03D9/00 ; E02B9/00; F03B13/06; F03D3/00	Wind energy water-storing electric power plant
CN201212455Y Y 20090325	CN20082105308U 20080410	ZHIGUANG WU [CN]	F03D9/00 ; F03D3/04 ; F03D3/06	Cylandrical wind-driven generator
CN101338730 A 20090107	CN20081054148 20080815	ZHIGUO WANG [CN]	F03D9/00 ; F03D1/06 ; F03D11/00	Wind wheel type multi- vane wind power generator
CN201250752Y Y 20090603	CN20082141606U 20080815	ZHIGUO WANG [CN]	F03D1/06	Wind shoe of wind-driven generator
CN201190635Y Y 20090204	CN20082090017U 20080522	ZHIKUI SHAO [CN]	F03D9/00 ; F03D3/00 ; F03D3/06	Wind power generator
CN101354010 A 20090128	CN20071075267 20070724	ZHIMIN LIAN [CN]	F03D9/00 ; F03D7/04	Supercharging wind collecting type wind generating set

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN101354011 A 20090128	CN20071075268 20070724	ZHIMIN LIAN [CN]	F03D9/00 ; F03D1/00 ; F03D1/06	Intelligent vertical shaft blow-supporting type wind generating set
CN101363405 A 20090211	CN20081198550 20080909	ZHONGYEDA ELECTRIC INC [CN]	F03D7/04	Method for enhancing service life of wind power generator paddle
CN201198816Y Y 20090225	CN20082008982U 20080414	ZHOU AIFANG [CN]	F03D7/04	Automatic guide apparatus of wind power generator
CN101363419 A 20090211	CN20081143225 20080917	ZHUZHOU TIMES NEW MATERIALS TE [CN]	F03D11/00 ; F03D11/04 ; F16F15/04	Gear box vibration damping supporting method and device for wind-driven generator group
CN201228609Y Y 20090429	CN20082053802U 20080722	ZHUZHOU TIMES NEW MATERIALS TE [CN]	F03D1/00 ; F03D11/00 ; F16C33/04; F16C35/02	Elastic support element for wind power plant
CN101344070 A 20090114	CN20081107050 20080828	ZIQING LU [CN]	F03D3/00 ; F03D3/04 ; F03D3/06 ; F03D11/00	Low speed bidirectional propulsion vertical axis wind power generation plant
CN201250763Y Y 20090603	CN20082137490U 20080828	ZIQING LU [CN]	F03D9/00	Wind electricity generation equipment with electricity generator at a stable rotating speed
DE102008020587 A1 20090507	DE200710052670 20071105; DE200810020587 20080424	ZUMTOBEL LIGHTING GMBH & CO KG [DE]	F21S9/02	Leuchte mit Ausnutzung von Aufwind zur Energieversorgung

Tabela 3: Relação de Documentos sem Depositante, Título ou Classificação

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
US2009072541 A1 20090319	AU20040906440 20041109; WO2005AU01704 20051109		F03D9/00 ; F04D25/08	Air driven fan generator system
JP2009504957T T 20090205	AU20050904358 20050812; AU20060904032 20060726; WO2006AU01148 20060811		F03B13/26; F03B17/06; F03D5/06 ; F03D9/00	
JP2009518566T T 20090507	BR2005PI05380 20051205; BR2006PI05878 20061128; WO2006BR00260 20061205		F03D7/06 ; F03D3/06 ; H02P9/00	
US2009026767 A1 20090129	CA20052504776 20050415; CA20062531708 20060105; WO2006CA00326 20060308		F03B13/10; F03B3/12; F03B11/08; F03B13/12; F03B13/26; F03D9/00 ; F03D11/00	Modular system for generating electricity from moving fluid
JP2009516120T T 20090416	CN20051125211 20051116; WO2006CN02397 20060914		F03D1/02	
US2009016884 A1 20090115	CN20061023892 20060215; WO2007CN00458 20070209		F03D3/00 ; F03D7/06	Device and method for adjusting angle-of-attack of wind blades in lift-type vertical axis wind turbine
US2009016892 A1 20090115	CN20061025202 20060329; WO2007CN00958 20070326		F03D3/06 ; B23P15/04	Vertical shaft wind turbine and method of installing blades therein
CN101424249 A 20090506	CN20071047633 20071031		F03D7/04	
CN101429926 A 20090513	CN20071114031 20071107		F03D7/04	
CN101429927 A 20090513	CN20071114032 20071107		F03D9/00	
CN101424247 A 20090506	CN20071134447 20071029		F03D3/06	
CN101429925 A 20090513	CN20071134650 20071105		F03D3/06	
CN101429923 A 20090513	CN20071135437 20071109		F03D3/00	
CN101429924 A 20090513	CN20071157950 20071106		F03D3/00	
CN101429928 A 20090513	CN20071177073 20071109		F03D9/00	
CN101424250 A 20090506	CN20071185020 20071031		F03D7/06	
CN201236772Y Y 20090513	CN20072088527U 20071127		F03D7/02	
CN201232606Y Y 20090506	CN20072155838U 20070702		F03D9/00	

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
CN101424245 A 20090506	CN20081169297 20081007		F03D1/00	
CN101424251 A 20090506	CN20081176092 20081108		F03D9/00	
CN101429922 A 20090513	CN20081180279 20081203		F03D1/06	
CN101424246 A 20090506	CN20081219068 20081113		F03D1/06	
CN201232603Y Y 20090506	CN20082026343U 20080722		F03D1/06	
CN201236771Y Y 20090513	CN20082049810U 20080627		F03D3/06	
CN201232604Y Y 20090506	CN20082090220U 20080616		F03D3/00	
CN201236770Y Y 20090513	CN20082109660U 20080806		F03D1/04	
CN201232605Y Y 20090506	CN20082113002U 20080618		F03D3/06	
CN201232607Y Y 20090506	CN20082122062U 20080730		F03D9/00	
CN201236773Y Y 20090513	CN20082122328U 20080729		F03D9/00	
CN201236774Y Y 20090513	CN20082126052U 20080625		F03D9/00	
US2009074583 A1 20090319	DE200410007487 20040213; WO2005EP50585 20050210		B64C27/46; F03D1/00 ; F03D1/06	Rotor blade for a wind turbine
US2009020361 A1 20090122	DK20030001955 20031230; DK20040000737 20040508; WO2004DK00930 20041230		E04G3/28; E04G3/30; F03D1/00	Device for enabling access to a structure above ground level
US2009081042 A1 20090326	DK20040000429 20040317; WO2005DK00181 20050317		F03D7/00 ; F03D7/02 ; F03D7/04	Method of controlling a windmill, especially in stand-alone operation and a windmill
JP2009509083T T 20090305	DK20050001312 20050921; WO2006DK00516 20060920		F03D11/00	
JP2009510329T T 20090312	DK20050001397 20051006; WO2006DK00560 20061006		F03D11/00 ; F03D1/06 ; F03D9/00 ; H02G13/00; H05F3/04	
US2009022589 A1 20090122	DK20050001847 20051229; WO2006DK00747 20061228		F03D7/04	Variable speed hub
US2009016885 A1 20090115	DK20060000291 20060228; WO2007DK00084 20070221		F03D7/00	Wind turbine rotor, a rotation controlling mechanism and a

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
				method for controlling at least one blade of a wind turbine rotor
US2009008945 A1 20090108	DK20060000383 20060317; WO2007DK00137 20070319		F03D11/00	Protection system for an electric generator, wind turbine and use hereof
JP2009509072T T 20090305	EP20050108817 20050923; WO2006EP66631 20060922		E04H12/12; E04H12/16; F03D11/04	
JP2009511813T T 20090319	EP20050109523 20051013; WO2006EP67296 20061011		F03D11/00	
US2009047130 A1 20090219	EP20060005334 20060315; WO2007EP50041 20070103		F03D11/00 ; G01P3/16; G01P3/22; G01P3/44	Wind Turbine and Method for Determining at Least One Rotation Parameter of a Wind Turbine Rotor
US2009060740 A1 20090305	EP20070008976 20070503		F03D7/00 ; F03D9/00	Method of operating a wind turbine and wind turbine
CN101429929 A 20090513	EP20070011643 20070614		F03D11/00	
US2009102194 A1 20090423	ES20060022887U 20060418; WO2006ES00338 20060608		F03D9/02	Electrical-energy generator
US2009074581 A1 20090319	FR20040012262 20041118; WO2005FR02859 20051117		F03D3/06 ; F03D3/00 ; F03D5/00 ; F03D9/00	Vertical-axis wind turbine
US2009022597 A1 20090122	GB20040026256 20041130; WO2005GB04586 20051130		F03B3/12; F03B17/06; F03D3/00	Apparatus for the generation of power from a flowing fluid
RU2007142665 A 20090527	GB20050007913 20050420		E02B17/08; F03D1/00 ; F03D11/04	
JP2009501304T T 20090115	GB20050014338 20050713; WO2006GB02596 20060713		F15D1/12; B64C21/02; B64C23/06; F03D11/00	
JP2009509094T T 20090305	GB20050019354 20050922; GB20060008548 20060502; WO2006GB03518 20060922		F03D5/06 ; F03D11/00 ; F03D11/02	
US2009116780 A1 20090507	GB20050020253 20051005; WO2006GB03616 20060929		F16C19/30; F03D3/00 ; F03D11/00 ; F16C13/00; F16C32/06	Bearing systems

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JP2009516488T T 20090416	GB20050023087 20051111; WO2006GB04228 20061113; GB20050024635 20051202		H02M7/48; H02M5/458; H02M7/12; H02P9/00	
US2009068017 A1 20090312	GB20070017690 20070911		F01D5/18; B23P15/04; F01D5/30; F03D1/06	Wind turbine blade
US2009047129 A1 20090219	JP20050159848 20050531; JP20050196548 20050705; JP20050249524 20050830; WO2006JP310138 20060522		F03D7/04	Horizontal axis wind turbine
US2009074345 A1 20090319	JP20050368588 20051221; JP20060030088 20060207; WO2006JP322266 20061108		F16C33/46; F03D11/00 ; F16C33/56	Rolling Bearing, Retainer Segment and Main Shaft Support Structure of Wind-Power Generator
US2009046974 A1 20090219	JP20060066175 20060310; JP20060066176 20060310; JP20060068294 20060313; WO2007JP53546 20070226		F16C33/46; F03D11/04 ; F04D29/60	Roller Bearing, Retainer Segment, Spacer and Main Shaft Support Structure of Wind-Power Generator
US2009162198 A1 20090625	JP20060073810 20060317; JP20060184046 20060704; WO2007JP54767 20070312		F03D7/02	Multi-blade fan
JP4206122B1 B1 20090107	JP20080042541 20080225; JP20080119441 20080501; JP20080174089 20080703; JP20080219447 20080828		F03D7/04	
JP4264961B1 B1 20090520	JP20080112159 20080423; JP20070185963 20070717; JP20070185526 20070717; JP20080185510 20080717		H02K21/24; F03D9/00 ; H02K7/18	
JP4242445B1 B1 20090325	JP20080232887 20080911		F03D11/04 ; E02D27/42; F03D11/00	
JP4277290B1 B1 20090610	JP20080288231 20081014		F03D7/04	

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JP4261617B1 B1 20090430	JP20080307145 20081202		F03D7/02 ; F03D7/04 ; F03D9/00 ; H02P9/00	
KR200443245Y Y1 20090120	KR20070014811U 20070905		F03D1/06 ; F03D11/02	Windmill hub with rearward sloped blades
KR20090004024U U 20090430	KR20070017337U 20071026		F03D1/04	Wind concentrating vertical axis windmill
KR20090004012U U 20090429	KR20070017348U 20071024		F03D9/00 ; H02K7/18	Wind generator applied principle of AFPM generator for electric car
KR20090005987U U 20090617	KR20070020048U 20071213		F03D3/06	
KR20090006285U U 20090624	KR20090006836U 20090602		F03D9/00 ; B63B21/50; B63B35/44	Mopbmobile Offshore Production bargeship
KR200444619Y Y1 20090518	KR20097000001U 20090216		F03D3/06 ; F03D3/00	Wind power plant buktukov-3
KR200444966Y Y1 20090612	KR20097000005U 20090406		F03D3/06	Wind power plant
US2009031639 A1 20090205	MX20070009456 20070803; WO2007IB03319 20071102		E04H12/14; E04B1/00	Pre-stressed concrete tower for wind power generators
US2009068018 A1 20090312	NL20061031492 20060402; NL20062000302 20061103; WO2007NL50137 20070402		F03D1/06 ; F01D5/14	Windturbine with slender blade
US2009092449 A1 20090409	NO20050002261 20050506; WO2006NO00164 20060504		B63B21/50; F03D11/04	Anchoring arrangement for floating wind turbine installations
US2009120345 A1 20090514	NO20050002704 20050606; WO2006NO00207 20060602		B63B35/44; B63B21/50; F03D11/04	Floating wind turbine installation
EA200801242 A1 20090227	NO20050005038 20051031; NO20060004996 20061031; WO2006NO00390 20061031		F03D7/00	
JP2009513881T T 20090402	NO20050005118 20051101; WO2006NO00385 20061030		F03D7/04 ; F03D7/02 ; F03D9/00 ; F03D11/04	
RU2007125479 A 20090110	RU20070125479 20070705		F03D9/00	

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RU2007127182 A 20090127	RU20070127182 20070717		F03D11/00	
RU2007128571 A 20090127	RU20070128571 20070725		F03D1/06	
RU2007128695 A 20090127	RU20070128695 20070725		F03D3/00	
RU2007128974 A 20090210	RU20070128974 20070727		F03D7/06	
RU2007130429 A 20090220	RU20070130429 20070808		F03D3/00	
RU2007131788 A 20090227	RU20070131788 20070822		F03D1/00	
RU2007134357 A 20090320	RU20070134357 20070914		F03D3/00	
RU2007134358 A 20090320	RU20070134358 20070914		F03D3/06	
RU2007137942 A 20090420	RU20070137942 20071012		F03D3/00	
RU2007139080 A 20090427	RU20070139080 20071023		F03D1/00	
RU2007141962 A 20090520	RU20070141962 20071112		F03D5/00	
RU2007142921 A 20090527	RU20070142921 20071122		F03D5/00	
RU2007145407 A 20090620	RU20070145407 20071207		F03D9/00	
RU2007146879 A 20090627	RU20070146879 20071217		F03D3/00	
RU2007147108 A 20090627	RU20070147108 20071217		F03D3/00	
RU79948U U1 20090120	RU20080114953U 20080416		F03D3/02	
RU80901U U1 20090227	RU20080125212U 20080623		F03D3/02	
RU79621U U1 20090110	RU20080126627U 20080630		F03D3/00	
RU81536U U1 20090320	RU20080132944U 20080812		F03D9/00	
RU81537U U1 20090320	RU20080132945U 20080812		F03D9/00	
RU81535U U1 20090320	RU20080132946U 20080812		F03D9/00	
RU79949U U1 20090120	RU20080135724U 20080902		F03D3/06	
RU79622U U1 20090110	RU20080136237U 20080908		F03D3/02	
RU80517U U1 20090210	RU20080136473U 20080911		F03D3/02	
RU80516U U1 20090210	RU20080136474U 20080911		F03D3/00	
RU80899U U1 20090227	RU20080139783U 20081008		F03D1/04	
RU83547U U1 20090610	RU20080139784U 20081008		F03D1/04	
RU80900U U1 20090227	RU20080139785U 20081008		F03D1/04	
RU81267U U1 20090310	RU20080141113U 20081016		F03D9/00	
RU80202U U1 20090127	RU20080141245U 20081017		F03D1/00	
RU83548U U1 20090610	RU20080142339U 20081024		F03D5/00	
RU81774U U1 20090327	RU20080143097U 20081030		F03D3/00	
RU84069U U1 20090627	RU20080143579U 20081031		F03D3/00	

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RU81266U U1 20090310	RU20080143580U 20081031		F03D3/06	
RU82274U U1 20090420	RU20080144815U 20081114		F03D1/04	
RU82784U U1 20090510	RU20080145547U 20081118		F03D1/00 ; F03D7/02	
RU82782U U1 20090510	RU20080146302U 20081124		F03B3/12; F03B13/00; F03D5/00	
RU83297U U1 20090527	RU20080147367U 20081203		F03D7/00 ; F03D7/04	
RU84066U U1 20090627	RU20080149725U 20081216		F03D1/00 ; H02K1/24	
RU82275U U1 20090420	RU20080150359U 20081212		F03D3/00	
RU82273U U1 20090420	RU20080151669U 20081225		F03D1/04	
RU82785U U1 20090510	RU20080152708U 20081230		F03D3/06	
RU83104U U1 20090520	RU20080152709U 20081230		F03D3/06	
RU82786U U1 20090510	RU20080152710U 20081230		F03D3/06	
RU82787U U1 20090510	RU20080152711U 20081230		F03D3/06	
RU82788U U1 20090510	RU20080152712U 20081230		F03D3/06	
RU84071U U1 20090627	RU20080152713U 20081230		F03D3/06	
RU84070U U1 20090627	RU20080152719U 20081230		F03D3/06	
RU84072U U1 20090627	RU20080152721U 20081230		F03D3/06	
RU83105U U1 20090520	RU20090103290U 20090203		F03D9/00	
RU84067U U1 20090627	RU20090105938U 20090216		F03D3/00	
RU83549U U1 20090610	RU20090106564U 20090224		F03D9/02	
RU84068U U1 20090627	RU20090109944U 20090319		F03D3/00	
RU84073U U1 20090627	RU20090111089U 20090327		F03D7/00 ; F03D7/04	
US2009087310 A1 20090402	SE20050001461 20050622; WO2006SE00724 20060615		F03D11/00 ; F03D1/04	Device for Transducing of Power
JP2009512157T T 20090319	SE20050002295 20051014; WO2006SE50401 20061013		H01M8/00; H01M4/86; H01M4/90; H01M4/92; H01M8/06; H01M8/10; H01M8/12	
US2009146427 A1 20090611	TW20070146949 20071210; TW20080101274 20080114; TW20080115168 20080425; TW20080117536 20080513; TW20080125609 20080707		F01D15/10	Centrifugal driving electricity generation system for energy conservation
CN101427023 A 20090506	US20040709176 20040419		F03D9/00 ; F03D7/02 ;	

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			F03D11/00	
JP2009503339T T 20090129	US20050190687 20050727; WO2006US28905 20060726		F03D9/00 ; F03D1/06 ; F03D7/04 ; F03D9/02	
JP2009511796T T 20090319	US20050236317 20050927; WO2006US35728 20060913		F03D9/00 ; F03D7/00 ; G05B15/02; G05B19/418; H01M8/00; H01M8/10; H04Q9/00	
JP2009515078T T 20090409	US20050270403 20051107; WO2006US41404 20061023		F03D1/06 ; F03D11/00	
JP2009516118T T 20090416	US20050271863 20051110; WO2006US10438 20060322		F03D1/06	
US2009146426 A1 20090611	US20050292669 20051202; US20060598443 20061113; GB20050023087 20051111; US20090322542 20090204; US20050736205P 20051114		H02P9/04	Power converters
JP2009502104T T 20090122	US20050699940P 20050715; WO2006US27659 20060717		H02P9/00; F03D9/00 ; H02K3/04; H02K7/18; H02P9/48	
RU2007132085 A 20090227	US20060467010 20060824		H02K15/00	
US7485979 B1 20090203	US20060561364 20061117; US20050737941P 20051117		F03D9/00 ; H02P9/04	Method and system for controlling power generator having hydraulic motor drive
JP2009523955T T 20090625	US20060760407P 20060120; WO2006US27660 20060717		F03D7/04 ; F03D1/06 ; F03D9/00	
US2009160188 A1 20090625	US20070002963 20071220		F03D9/00	Migler's windmill as a lamppost-windmill, and with sails mounted on a common mast, and with horizontally yoked sails, and as a river-turbine, and as a windmill-sailboat

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US2009160194 A1 20090625	US20070004632 20071224		F03D1/06 ; F03D1/00 ; F03D1/02 ; F03D9/00 ; F03D11/00	Wind turbine blade and assembly
US2009155074 A1 20090618	US20070007579P 20071214; US20080335098 20081215		F03D7/00 ; F03B13/00; F03B15/00; F03D3/06 ; F03D11/02	Vertical axis turbine
US2009001730 A1 20090101	US20070768206 20070626		F03D11/00	Vertical axis windmill with wingletted air-tiltable blades
US2009003999 A1 20090101	US20070770122 20070628		F03D3/04	Three-vaned drag-type wind turbine
US2009021018 A1 20090122	US20070778500 20070716		F03D3/00 ; F03D9/00 ; F03D11/00	Modular fluid-energy system
US2009021012 A1 20090122	US20070780714 20070720		F03D9/02	Integrated wind-power electrical generation and compressed air energy storage system
US2009035134 A1 20090205	US20070830858 20070731		F03D7/06	Vertical axis wind turbine with wingletted cam-tiltable blades
US2009060748 A1 20090305	US20070850104 20070905		F03D11/00	Ventilation arrangement
US2009074566 A1 20090319	US20070856269 20070917		F03D11/02	wind power generating device
US2009146501 A1 20090611	US20070860450 20070924		H02J3/38; F03D9/00 ; H01L37/00; H02J1/12; H02N6/00	Distributed solar power plant and a method of its connection to the existing power grid
US2009079197 A1 20090326	US20070861419 20070926		F03D9/00	Expandable apparatus for generating electric power using wind energy
US2009079198 A1 20090326	US20070861429 20070926		F03D9/00	Protective cover for an electric generating device using wind energy
US2009087311 A1 20090402	US20070864953 20070929		F03D11/04 ; B23P11/00; E04H12/00;	Vertically adjustable horizontal axis type wind turbine and method of construction thereof

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			E04H12/34; F03D1/00	
US2009098337 A1 20090416	US20070872854 20071016		B32B5/28; F03D1/04	Substantially cylindrical composite articles and fan casings
US2009033102 A1 20090205	US20070881903 20070730		F03D9/00	Method and apparatus for using wind turbines to generate and supply uninterrupted power to locations remote from the power grid
US2009053057 A1 20090226	US20070894059 20070820		F03D1/00 ; F03D11/00	Wind powered rotor mechanism with means to enhance airflow over rotor
US2009096217 A1 20090416	US20070895296 20071015		F03D11/00 ; F03D9/00	Wind turbine with perimeter power takeoff
US2009062020 A1 20090305	US20070897506 20070830		F16D3/00; F03D11/02	Multi-ribbed keyless coupling
US2009066088 A1 20090312	US20070900270 20070910		F03D1/00 ; F03D9/00	Vertical axis wind turbine
US2009081023 A1 20090326	US20070902810 20070926		F01D25/24; F01D25/36	Wind collector
US2009081020 A1 20090326	US20070902811 20070926		F03D1/00 ; F03D3/00	Wind turbine
US2009108585 A1 20090430	US20070925367 20071026		F03D9/00	Fluid turbine with blade assembly driven by fluid
US2009110539 A1 20090430	US20070928244 20071030		F03D7/04	Wind farm and method for controlling same
US2009108582 A1 20090430	US20070929273 20071030		F03D9/00	Method of controlling a wind energy system and wind speed sensor free wind energy system
US2009116966 A1 20090507	US20070935929 20071106		F01D5/14; F03D11/00	Wind turbine blades and methods for forming same
US2009115190 A1 20090507	US20070936011 20071106		F03D9/02 ; B01D17/06;	Systems and methods for

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			F01K13/00	producing, shipping, distributing, and storing hydrogen
US2009121483 A1 20090514	US20070939055 20071113		H02P9/00	Methods and systems for wind turbine generators
US2009134624 A1 20090528	US20070946085 20071128		F03D7/00 ; F03D9/00 ; H02J9/06; H02P9/04	Emergency pitch drive unit for a wind turbine
US2009134625 A1 20090528	US20070946119 20071128		F03D9/00 ; H01B7/00; H01B7/14	Power backup system for offshore wind generators
US2009146425 A1 20090611	US20070953963 20071211		F03D9/00 ; F03D11/04 ; F24F5/00; H02P9/48	System and apparatus for the generation of electical power
US2009152867 A1 20090618	US20070956529 20071214		H02P9/00; F03B13/00; F03B13/26; F03D9/00 ; F03G1/00; F03G4/00; F03G6/00; H02J7/00; H02P9/04	Self-sustaining electric power generating system
US2009097960 A1 20090416	US20070974769 20071016		F03D3/06 ; F04D29/36	Vertical axis windmill assembly
US2009116968 A1 20090507	US20070982626 20071105		F01D5/14; F03D9/00 ; F03D11/00	Blade for wind turbines & an improved wind turbine
US2009121484 A1 20090514	US20070985200 20071113		F03D9/00 ; F03D7/00	Wind energy conversion using the magnus effect
US2009129928 A1 20090521	US20070985971 20071119		F03D3/00 ; F03D7/06 ; F03D11/00	High efficiency turbine and method of generating power
US7538447 B1 20090526	US20080074684 20080305		F03D9/00	Energy recovery system including a flow guide apparatus
US2009136346 A1 20090528	US20080148875 20080422; US20070989877P 20071123		F03D7/06	Vertical axis wind turbine
US2009091136 A1 20090409	US20080150072 20080424; US20070978155P 20071008		F03D1/00 ; F03D9/00	Floating wind turbine system
US2009016896 A1 20090115	US20080154452 20080523; US20070931788P 20070525		F03D11/04	Conical washer system for propeller stabilization
US2009053060 A1 20090226	US20080157104 20080605; US20070933325P 20070606		F03D7/02	Wind turbine blade control system

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US2009016882 A1 20090115	US20080171908 20080711; US20070949708P 20070713		F03B7/00; F03D3/06	Apparatus for Capturing Kinetic Energy
US2009028700 A1 20090129	US20080175962 20080718; US20070951279P 20070723		F03D11/00	Appliance pump
US2009028706 A1 20090129	US20080177889 20080723; US20070952220P 20070726		F03D7/06 ; F03D3/06 ; F03D9/00	Vertical axle helix monoblock wind turbine
US2009085511 A1 20090402	US20080200964 20080829; US20070968591P 20070829; US20080130649P 20080602		H02P23/00; H02K3/02	High temperature superconducting electromechanical system with frequency controlled commutation for rotor excitation
US2009102415 A1 20090423	US20080213876 20080625; US20070929370P 20070625		H02J7/00; B64C11/28; B65D77/00; B65D85/68; F24J2/46; H01L21/00	Suitcase power system
US2009052818 A1 20090226	US20080217983 20080710; US20070958998P 20070710		F16C32/06; F16C17/04	Hybrid bearing
US2009048051 A1 20090219	US20080228731 20080815; US20070965068P 20070817; US20080011905P 20080122		F16H13/06; F16H15/48	Bearing tooth gears for wind turbine applications
US2009081045 A1 20090326	US20080233783 20080919; US20070975230P 20070926		B64C11/04	Aerodynamic Interface Component for Fan Blade
US2009092490 A1 20090409	US20080247200 20081007; US20070978742P 20071009		F03D3/00	Aperture and Flap Vertical Axis Wind Machine
US2009097975 A1 20090416	US20080249086 20081010; US20070978860P 20071010		F01D7/00	Ceiling Fan with Concentric Stationary Tube and Power-Down Features
US2009074577 A1 20090319	US20080258422 20081026		F03D3/00 ; F03D9/00 ; H01L31/042	Vertical axis sail-type windmill power transfer device
US2009121490 A1 20090514	US20080266553 20081107; US20070002883P 20071113		F03D9/00	Oscillating-Wing Power Generator with Flow-Induced Pitch-Plunge Phasing

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US2009058096 A1 20090305	US20080267333 20081107; DE20031003555 20030129; US20030543620 20031107; WO2003EP12447 20031107		F03D9/00 ; B23P11/00; F03D1/00 ; F03D11/04	Method for mounting a rotor blade of a wind power installation without using a crane
US2009058079 A1 20090305	US20080268569 20081111; DE20031025032 20030602; US20050293872 20051202; WO2004EP02862 20040319		F16L55/00; E04H12/08; F03D1/06 ; F03D9/00 ; F03D11/04	Method for the production of a connection flange
US2009068019 A1 20090312	US20080268576 20081111; DE20031000284 20030102; DE20031003824 20030131; US20030541146 20031219; WO2003EP14621 20031219		F01D5/14; F03D1/06 ; F03D9/00	Rotor blade for a wind power plant
US2009160195 A1 20090625	US20080283776 20080916; US20070978285P 20071008		F03D9/00	Wind-catcher and accelerator for generating electricity
US2009087300 A1 20090402	US20080284970 20080925; US20080214273 20080616; US20070652429 20070111		F03D1/04 ; F04D5/00; F04D29/42	Vertical axis dual vortex downwind inward flow impulse wind turbine
US2009096213 A1 20090416	US20080287666 20081010; US20070979661P 20071012		F03D9/00 ; B21D5/00; F03D3/06 ; F03D7/06	Vertical axis wind turbine and method of making the same
US2009107567 A1 20090430	US20080288628 20081022; US20070000529P 20071026		E04H12/30; E03B11/00; F03D9/00	Combination water tower and electrical wind turbine generator
US2009066090 A1 20090312	US20080290985 20081105; US20070715143 20070307; US20080151600 20080508		F03D9/02	Wind turbine based energy storage system and method using heavy weighted devices
US2009146435 A1 20090611	US20080332313 20081210; US20070012759P 20071210		F03D9/00 ; H02P9/04	Modular array fluid flow energy conversion facility
US2009160196 A1 20090625	US20080341110 20081222; US20070016515P 20071224		F03D3/00 ; F03D9/00	Wind driven electric generator having vertical rotational axis

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
US2009100676 A1 20090423	US20080342067 20081222; CN20061028267 20060628; WO2007CN01983 20070625; US20080234784 20080922		B23P15/04	Vertical axis wind turbine and method of installing blades therein
US2009155043 A1 20090618	US20090355411 20090116; US20060608658 20061208; US20050766003P 20051229		F03D7/06	Vertical multi-phased wind turbine system
US2009148290 A1 20090611	US20090372371 20090217; US20080157104 20080605; US20070933325P 20070606		F03D1/04	Wind turbine and method of operating same
US2009038819 A1 20090212	WO2003DK00799 20031120		H02G13/00; F03D11/00	Wind Turbine Lightning Connection Means Method and Use Hereof
US2009004005 A1 20090101	WO2004DK00512 20040723		F03D7/02	Method of Controlling the Pitch Velocity of a Wind Turbine Blade and Control System Therefore
JP2009500557T T 20090108	WO2005DK00487 20050708		F03D11/00 ; F03D1/06	
JP2009501871T T 20090122	WO2005IB02615 20050718		F03D11/00 ; F03D7/04	
US2009146432 A1 20090611	WO2005PH00019 20050902		F03D9/00 ; F03D3/02 ; F03D7/06	Vertical axis wind turbine
US2009016897 A1 20090115	WO2006DK00027 20060117		F03D11/04 ; B23P11/00; E04H12/00	Wind turbine tower, a wind turbine, a wind turbine tower elevator and a method for assembling a wind turbine tower
US2009035135 A1 20090205	WO2006ES00519 20060915; ES20050002290 20050915; ES20060002289 20060906		F03D3/00	Wind generator
US2009045632 A1 20090219	WO2007DE01432 20070810		F03D9/00 ; F03B3/18; F03B13/00; F03D3/04 ; F04D29/44	Flow energy installation
FI20075964 A 20090628	FI20070005964 20071227	ABB OY [FI]		Ilmankuivain taajuusmuuttajajõrjestelyõ varten

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
BE1017592 A6 20090113	BE20070000222 20070509	ALBANESE FRANCESCO [BE]		Engine type wind turbine, has electric current producing apparatus e.g. Generator, fixed on tubular type tower by fixing part and tubular form part fixed on tower, where tower is equipped with propeller having blade
NZ556237 A 20090228	DE20022025136U 20020605; DE20031007682 20030221; NZ20030536428 20030528	ALOYS WOBBEN		Rotor blade for a wind power plant with predetermined thickness reserve close to root, and maximum profile thickness
ZA200801459 A 20090128	US20050190026 20050726	BACON GROUP LLC		Wind wheel and electricity generator using same
KR20090037012 A 20090415	KR20070102367 20071011	CHOI YONG SOUNG [KR]	F03D5/00 ; F03D7/00	
ZA200803772 A 20090325	GB20050023087 20051111	CONVERTEAM LTD		Power converters
ZA200805871 A 20090624	ZA20070005902 20070718; ZA20080005871 20080704	EVEREADY PROPRIETARY LTD		A wind turbine
AR064993 A1 20090506	AR2008P100271 20080123	FARB DANIEL [IL]		Dispositivos para desviacion de caudal y metodos para maquinas que captan energia
ZA200804735 A 20090325	BR2005PI05380 20051205	FRANCISCO DULCETTI FILHO FLAVI		Eolic converter
AR064581 A1 20090415	AR2006P105510 20061214	GORNATTI MARCELO RICARDO [AR]		Colector de viento para generacion de energia
AR064522 A1 20090408	WO2006IT00870 20061222	HIGH TECHNOLOGY INVEST BV [NL]		Turbina eolica de generador multiple

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
MX2008011575 A 20090305	US20060783029P 20060317; US20060477593 20060630; WO2007IB02872 20070316	INGETEAM ENERGY S A [ES]		High voltage direct current link transmission system for variable speed wind turbine.
MX2007001360 A 20090212	ES20060002204 20060816	INNEO21 S L [ES]		Assembly structure and procedure for concrete towers used in wind turbines.
SK892007 A3 20090107	SK20070000089 20070626	KALISKY ALEXANDER [SK]		Sequential wing
KR20090061822 A 20090617	KR20070128787 20071212	KEE SEUNG CHEOL [KR]	F03D11/00 ; F03D3/00 ; H02K7/18	
KR20090040876 A 20090427	KR20090025655 20090326	LEE JAE BON [KR]; LEE YONG GUN [KR]; KIM KI JA [KR]; LEE EUN JIN [KR]	F03D9/00 ; F03D5/00	
AR063583 A1 20090204	AR2007P104939 20071106	LEE MIN SUNG [KR]		Rotor para turbina de viento
KR20090007659 A 20090120	KR20080104495 20081021	LI YONG SHI [CN]	F03G7/00	
KR20090005744 A 20090114	KR20070069030 20070710	MIN SUNG GI [KR]	F03D3/04 ; F03D3/00	
AR064266 A1 20090325	AR2007P105125 20071119	SCHAFER JOSE PEDRO [AR]		Un aerogenerador
AR063512 A1 20090128	DK20060001382 20061024	VESTAS WIND SYS AS [DK]		Un metodo para amortiguar las oscilaciones de las torres, una turbina eolica con un control activo de la perdida de sustentacion, y uso de la misma
FI20086051 A 20090216	FI20080006051 20081105	WINWIND OY [FI]		Suuntajarrulaitteisto tuulivoimalassa
FI20095113 A 20090305	FI20090005113 20090206	WINWINDOY [FI]		Suuntajarrulaitteisto tuulivoimalassa
KR20090028882 A 20090320	KR20070093997 20070917	WON IN HO [KR]	F03D11/00 ; F03D1/06	

NÚMERO DE DOCUMENTO	PRIORIDADE	DEPOSITANTE	CLASSIFICAÇÃO INTERNACIONAL	TÍTULO
HK1121911 A2 20090430	HK20080102329 20080229	WU SIR GORDON YING SHEUNG [HK]; WU THOMAS JEFFERSON [HK]		Shaftless vertical axis wind cage turbine
KR20090020442 A 20090226	KR20070085851 20070823	YANG KONG SU [KR]	F03D5/00	

ANEXO I - Códigos dos 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
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	**SK**	Eslováquia
HR	Croácia	**TR**	Turquia
HU	Hungria	**TW**	Taiwan
ID	Indonésia	**UA**	Ucrânia
IE	Irlanda	**US**	Estados Unidos
IL	Israel	**WO**	Organização Mundial de Propriedade Intelectual (WIPO)[2]
		ZA	África do Sul

Fonte: http://www.wipo.int/export/sites/www/scit/en/standards/pdf/03-03-01.pdf, acesso em março de 08.

[1] Organização intergovernamental (escritório de patente regional) que atua para alguns países contratante sob o PCT (Tratado de Cooperação de Patentes).

[2] O código "WO" é utilizado em relação à publicação internacional sob o Tratado de Cooperação em Matéria de Patentes – PCT de pedidos internacionais depositados em qualquer repartição receptora de pedidos PCT.