

Pedidos de Patente sobre Energia Eólica - Nº 6



**Pedidos publicados no
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Diretoria de Cooperação para o Desenvolvimento – DICOD
Centro de Disseminação da Informação Tecnológica – CEDIN
Coordenação de Estudos e Programas – CEPRO
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1. INTRODUÇÃO

1.1 - Alerta Tecnológico

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

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

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

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

Mais detalhes sobre cada pedido de patente tais como o resumo da invenção, o(s) nome(s) do(s) inventor(es) e a cópia do documento completo podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na Internet:

1. Base Brasileira de Pedidos de Patente¹: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes²:
<http://worldwide.espacenet.com>
3. Base do Escritório Americano de Patentes³: <http://uspto.gov>

Caso haja interesse em se conhecer o depósito de patente brasileiro correspondente (família do pedido de patente⁴), para algum(ns) dos pedidos de patente estrangeiros listados na Tabela 2, sugere-se uma busca de família do mesmo. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos, por meio do endereço abaixo.

INPI/DICOD/CEDIN:

Instituto Nacional da Propriedade Industrial – INPI

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

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

² Contém pedidos de patente depositados e publicados em mais de 70 países.

³ Contém somente pedidos depositados e publicados nos Estados Unidos.

⁴ Foram selecionados somente os primeiros documentos publicados de cada uma das famílias de patente. O conceito de família de patentes é bastante diversificado e varia de acordo com a base de dados na qual os documentos estão indexados. Em linhas gerais, todos os pedidos de patentes pertencentes a uma mesma família têm pelo menos um número de prioridade em comum.

1.2 - Pedidos de patente sobre Energia Eólica

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

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

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

Para a realização deste trabalho, utilizou-se o banco de dados do Escritório Europeu de Patentes. O período selecionado para pesquisa compreendeu os pedidos de patente publicados entre 01/01/2011 a 30/06/2011. A metodologia para a coleta dos documentos levou em conta as áreas da Classificação Internacional de Patentes, na qual foram selecionados os pedidos de patente em que pelo menos uma das classificações internacionais⁵ seja **F03D – Motores Movidos a Vento**.

⁵ Um documento de patente pode conter uma ou mais classificações.

2. RESULTADOS

2.1 - Mundo

A busca realizada no sistema resultou num total de 3440 documentos de patente publicados ao redor do mundo no período considerado. Um ponto importante a ser analisado diz respeito ao país da prioridade unionista do depósito, o que na maioria das ocorrências indica a origem da tecnologia contida nos documentos. O país da prioridade é o país onde foi realizado o primeiro depósito do pedido de patente. Ressalta-se que o depositante pode solicitar a prioridade de seu pedido de patente em um país diferente do país de sua residência, entretanto tal prática não se verifica na maioria dos pedidos.

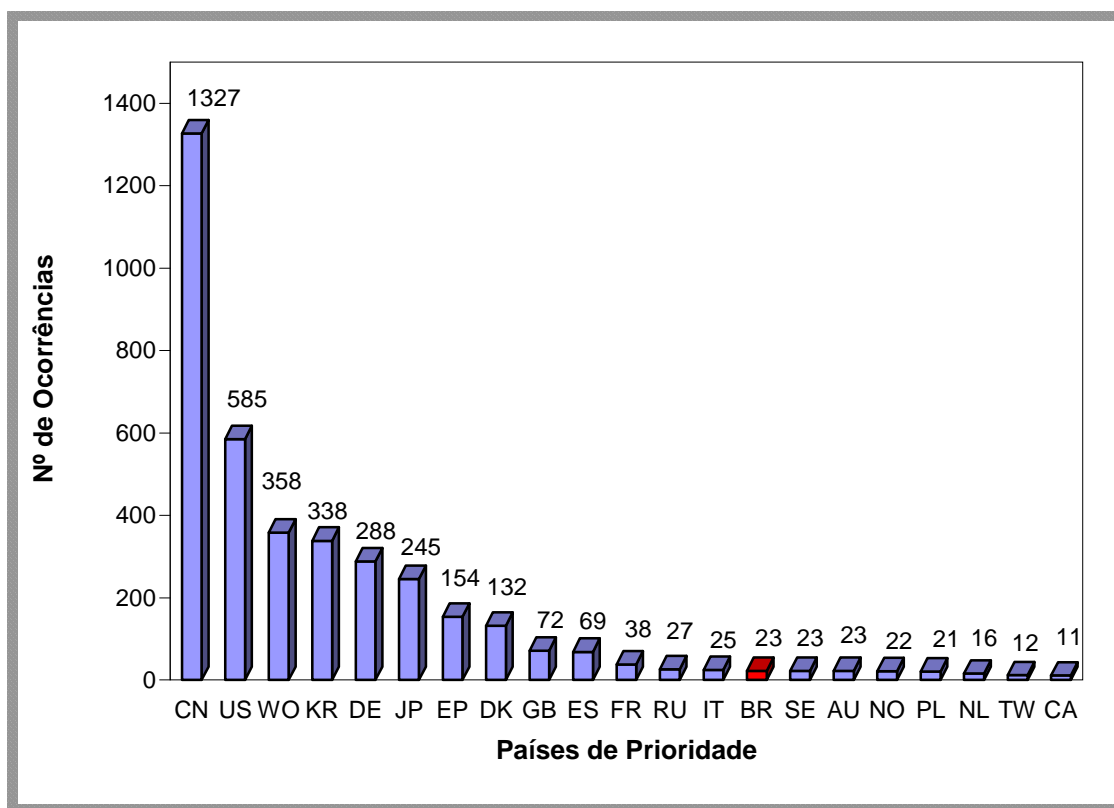
No Gráfico 1 são apresentados os países de prioridade dos documentos recuperados no período e o número de ocorrências em cada país. Foram encontrados 1327 documentos com prioridade chinesa. Este número representa 38,57% dos pedidos de patente publicados. Tais resultados são compatíveis com os dados do Global Wind Report – 2010, no qual a China ultrapassou os Estados Unidos e atingiu a liderança global quanto a capacidade instalada para produção de energia eólica alcançando 42,3GW no total, o que equivale a 21,75% da produção mundial. Os Estados Unidos ocupam o segundo lugar no ranking de prioridades de pedidos de patente, com um total de 585 pedidos, representando 17% dos pedidos totais.

A terceira posição do ranking, com 358 pedidos prioritários, equivalendo a 10,40% do total, refere-se aqueles pedidos efetuados via Patent Cooperation Treaty – PCT, na OMPI, sendo representados pela sigla WO – World Patent Organization.

O quarto lugar no ranking de prioridades é ocupado pela Coréia do Sul, com 338 pedidos, o que equivale a 9,82% do total de documentos publicados no período considerado.

No que diz respeito aos pedidos no Brasil, foram publicados 23 documentos com prioridade nacional, o que corresponde a décima quarta posição no ranking.

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



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

Tomando-se por base os dados contidos na Tabela 2 comprova-se a primazia da China contando com 1327 depósitos prioritários de patente publicados, sendo a maior parte dos mesmos efetuados por inventores independentes. Também foram contabilizados na China 96 pedidos de patente com prioridade estrangeira no primeiro semestre de 2011, sendo o país que mais contou com depósitos prioritários efetuados por estrangeiros; seguido pelos Estados Unidos que contabilizaram 70 pedidos publicados com prioridade estrangeira, e em terceiro lugar a Coréia do Sul que contou com outros 28 pedidos estrangeiros publicados no 1º semestre de 2011.

Os dados da Tabela 2 também revelam a intensa concentração tecnológica no setor, refletida no número de pedidos de patente publicados, considerando-se o primeiro semestre de 2011, constatando-se que dentre os 3440 pedidos de prioridade depositados por 56 países, os seis primeiros colocados: China, Estados Unidos, Coréia do Sul, Alemanha, Japão e

Dinamarca detém 84,74% dos pedidos. Assim, os demais 15,26% pedidos prioritários publicados no período correspondem aos outros 50 países do presente levantamento.

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

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

Depositante	Total de Documentos
VESTAS WIND SYS AS [DK]	132
GEN ELECTRIC [US]	126
MITSUBISHI HEAVY IND LTD [JP]	87
SIEMENS AG [DE]	52
WOBLEN ALOYS [DE]	29
SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	29
REPOWER SYSTEMS AG [DE]	24
GAMESA INNOVATION & TECH SL [ES]	21
WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	14
LM GLASFIBER AS [DK]	14
BOSCH GMBH ROBERT [DE]	13
FLODESIGN WIND TURBINE CORP [US]	13
SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	10
WON IN HO [KR]	9
SINOVEL WIND GROUP CO LTD [CN]	9
CLIPPER WINDPOWER INC [US]	8
NORDEX ENERGY GMBH [DE]	8
HANSEN TRANSMISSIONS INT [BE]	8
SCHAEFFLER TECHNOLOGIES GMBH [DE]	8

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

Na Tabela 1 que apresenta os maiores depositantes em nível mundial, no primeiro semestre de 2011, observa-se o predomínio de empresas americanas e dinamarquesas totalizando respectivamente 147 e 146 depósitos. A seguir figuram seis empresas alemãs que somam 134 depósitos, seguidas por uma única empresa de origem japonesa com 87 depósitos e quatro empresas da China que somam 62 depósitos. Figuram ainda uma empresa da

Espanha com 21 depósitos e uma empresa coreana com 9 pedidos publicados no período.

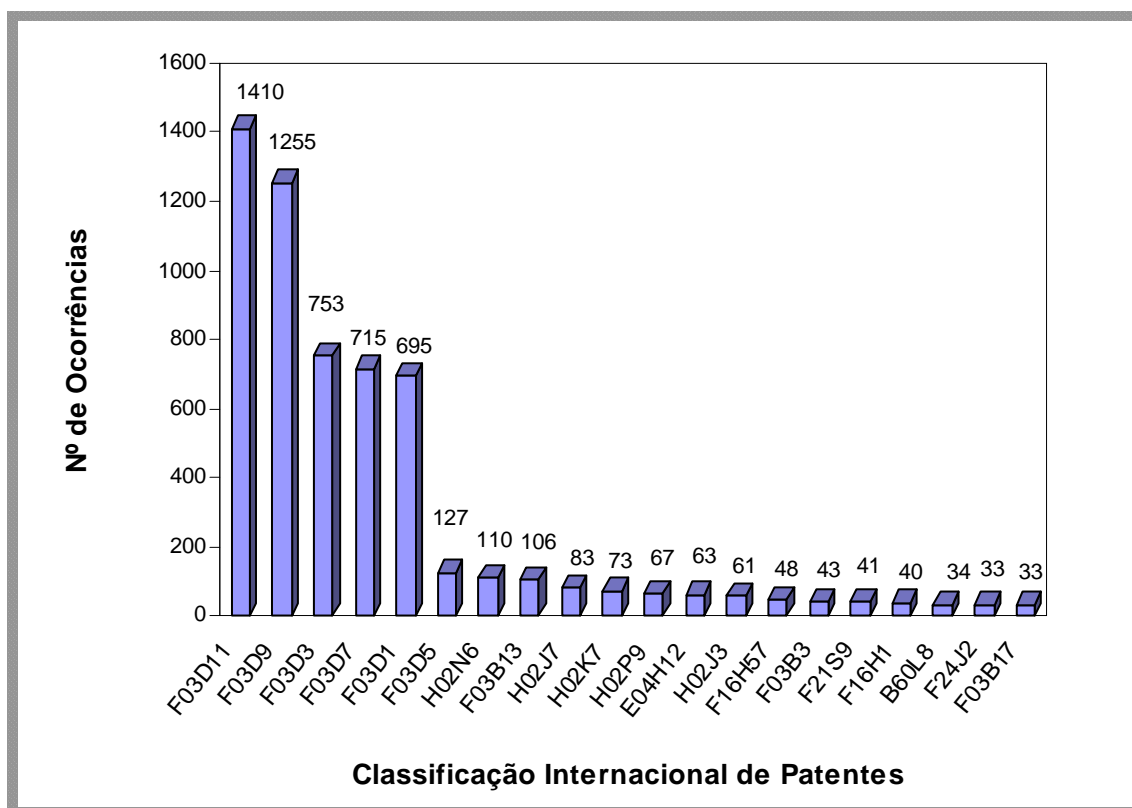
A exemplo do que ocorreu em outros períodos considerados em alertas anteriores, ainda com referência a análise de dados da Tabela 1, cabe ressaltar a alta concentração de depósitos em poucas empresas líderes do setor, notadamente na Dinamarca e no Japão sendo 146 depósitos nas duas empresas dinamarquesas e 87 depósitos na única empresa japonesa, que consta dentre as dezoito empresas mais destacadas em energia eólica no primeiro semestre de 2011.

A Alemanha, com seis representantes, figura como o país com maior número de empresas na tabela acima citada, totalizando 134 pedidos de patente, refletindo desta forma melhor distribuição da tecnologia eólica naquele país.

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

O gráfico 2, permite visualizar as tecnologias relacionadas à energia eólica, descritas nos pedidos de patente publicados no primeiro semestre de 2011.

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

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

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

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

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

No que diz respeito às áreas de concentração tecnológica dos pedidos, segundo a Classificação Internacional de Patentes-CIP, foram identificados vinte principais grupos e sub-grupos, sendo os que os quatro primeiros

concentram 71,38% de todos os pedidos publicados. Com relação as alterações observadas, em comparação ao últimos levantamentos, verifica-se a maior incidência de pedidos no grupo principal F03D11/00, referente a detalhes, peças e acessórios dos motores eólicos, superando o grupo F03D9/00. Cabe ressaltar que um único pedido pode conter mais de uma classificação.

2.2 - Brasil

Foram publicados no primeiro semestre de 2011 no Brasil 26 depósitos, sendo 18 com a primeira prioridade nacional e oito com prioridades estrangeiras, oriundas dos seguintes países: tres pedidos com prioridade norte-americana, e outros cinco pedidos com prioridades da: Coréia do Sul, Dinamarca, Espanha e Alemanha e Holanda, sendo este último depositado no Escritório Europeu de Patentes (EPO). Os depósitos com prioridade nacional foram efetuados por 17 inventores independentes e uma única empresa. Os brasileiros também efetuaram cinco pedidos com prioridade brasileira no exterior, sendo três via PCT, um no EPO e outro na Austrália, totalizando 23 pedidos com prioridade brasileira nos documentos publicados mundialmente no período, conforme observado no Gráfico 1.

Tabela 2: Dados bibliográficos dos pedidos de patente sobre
Energia Eólica, publicados no 1º semestre de 2011
(Ordenados segundo o código do país de publicação)

Obs:

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

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

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AP2196 A 20110228	US20040765683 20040127; WO2005US02207 20050125	WEIR SLURRY GROUP INC [US]	F01D1/02; F01D9/00; F03B1/04; F03B3/16; F03D3/04; F03D11/00; F04D7/00; F04D29/02	Casing for a centrifugal pump.
AR074248 A2 20110105	DE20032010089U 20030701	ALOYS WOBLEN [DE]	A01K61/00; F03D11/00	INSTALACION DE ENERGIA EOLICA
AR074587 A1 20110126	US20080121381P 20081210	CORTINA CORDERO ALEJANDRO [MX]; CORTINA ORTEGA JOSE PABLO [MX]; CORTINA CORDERO JOSE PABLO [MX]		METODO PARA MONTAR EN SECCIONES UNA TORRE ANULAR PARA UN GENERADOR DE ENERGIA EOLICA O CHIMENEA COMPUESTA POR TRES O MAS SEGMENTOS DE CONCRETO
AR075929 A1 20110504	DE200910014012 20090323	WOBLEN ALOYS [DE]		PROCEDIMIENTO PARA EL FUNCIONAMIENTO DE UNA PLANTA DE ENERGIA EOLICA
AR076214 A4 20110526	AR2010M101156U 20100407	POLLIO ALBERTO ANTONINO [AR]		APARATO PARA VENTILACION CON ACCIONAMIENTO EOLICO DE DOBLE ROTOR MULTIALETAS
AR076270 A1 20110601	DE200910017068 20090409; DE200910034329 20090723	WOBLEN ALOYS [DE]		DISPOSITIVO DE TRANSPORTE PARA TRANSPORTAR UNA PALA DE ROTOR
AR076290 A1 20110601	DE200910002501 20090420	WOBLEN ALOYS [DE]		PALA DE ROTOR , ELEMENTO DE PALA DE ROTOR Y PROCEDIMIENTO DE FABRICACION
AR076487 A1 20110615	IT2009MI00725 20090429	WILIC S A R L [LU]		SISTEMA DE ENERGIA EOLICA PARA GENERACION DE ENERGIA ELECTRICA
AR076546 A1 20110622	DE200910019709 20090505	WOBLEN ALOYS [DE]		PROCEDIMIENTO PARA LA CONSTRUCCION DE UNA TORRE Y TORRE
AT11661U U1 20110215	AT20090001429 20090910; AT20100008072U 20100914	HEHENBERGER GERALD [AT]	H02H7/12; F03D9/02; H02M5/40	ENERGIEGEWINNUNGSANLAGE, INSBESONDERE WINDKRAFTANLAGE UND VERFAHREN ZUM BETREIBEN DIESER

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT11759U U1 20110415	AT20090000798U 20091216	SCHABERL PETER [AT]	F03D11/04; E04B7/02; F03D1/04; F03D3/04	BAUWERK FÜR DIE ANORDNUNG EINER WINDKRAFTANLAGE
AT491665T T 20110115	DK20060000893 20060630; WO2007DK00313 20070627	VESTAS WIND SYS AS [DK]	B66C1/66; F03D1/00; F03D11/04; F16B5/02	HUBEINRICHTUNG ZUR HANDHABUNG EINER WINDTURBINENKOMPONENTE UND VERFAHREN ZUR HANDHABUNG EINER WINDTURBINENKOMPONENTE
AT491980T T 20110115	DE200710001121 20070104; DE200710026176 20070605; WO2007EP11234 20071220	DEWIND CO [US]	G05B23/02; F03D7/04	SCADA-EINHEIT
AT493581T T 20110115	DK20030001329 20030915; WO2004DK00602 20040910	LM GLASFIBER AS [DK]	F03D11/00; H02G13/00	BLITZSCHUTZVERFAHREN FÜR EINE SCHAUFEL FÜR EINE WINDENERGIEANLAGE
AT493601T T 20110115	DE200610051817 20061103; WO2007DE01949 20071030	SCHAEFFLER KG [DE]	F16H57/08; F03D11/02; F16C19/38; F16C19/54; F16C21/00; F16C23/00	LAGERANORDNUNG ZUR DREHBAREN LAGERUNG EINES PLANETENRADES AUF EINEM PLANETENTRÄGER
AT495092T T 20110115	EP20070388086 20071127	LM GLASFIBER AS [DK]	B63B9/06; B63B35/00; F03D1/06; F03D11/04	SEETRANSPORT VON WINDTURBINENBLÄTTERN
AT495361T T 20110115	EP20060014634 20060714	NTS EN UND TRANSPORTSYSTEME GMBH [DE]	F03D5/00	WINDBETRIEBENER ELEKTRISCHER GENERATOR
AT495362T T 20110115	DE200610004640 20060131	REPOWER SYSTEMS AG [DE]	F03D11/04	TURM EINER WINDKRAFTANLAGE

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT496218T T 20110215	DE19991048194 19991006; WO2000EP06433 20000707	WOBEN ALOYS [DE]	F03D11/00; G01H3/00; F03D7/04; F03D9/00	VERFAHREN ZUR ÜBERWACHUNG VON WINDENERGIEANLAGEN
AT497104T T 20110215	US20070742220 20070430; WO2008US61894 20080429	SAINT GOBAIN PERFORMANCE PLAST [US]	F03D11/00; B32B27/08; B64C21/10; F03D1/06; F03D7/02; F15D1/12	TURBINENSCHAUFELSCHUTZSPERRE
AT497474T T 20110215	EP20060024336 20061123; EP20060024337 20061123; EP20070013725 20070712; EP20070013724 20070712; WO2007EP10221 20071123	SIEMENS AG [DE]	B66C1/42; B66C23/36; F03D1/00; F03D11/04	VERFAHREN UND VORRICHTUNG ZUR MONTAGE VON WINDTURBINENSCHAUFELN
AT500050T T 20110315	EP20080009395 20080521	SIEMENS AG [DE]	B29C70/54; B29C70/44; F03D1/06	VERFAHREN ZUR HERSTELLUNG EINES VERBUNDSTOFFES
AT500420T T 20110315	EP20070388060 20070829; WO2008DK00311 20080829	LM GLASFIBER AS [DK]	F03D1/06; F03D7/02; F03D11/00	SCHAUFEL FÜR EINEN ROTOR EINER WINDTURBINE, DIE MIT EINEM SPERRENERZEUGUNGSMITTEL VERSEHEN IST
AT501311T T 20110315	FR20030000172 20030109; WO2004FR00012 20040107	SAIPEM SA [FR]	E02B17/00; F03D1/00; F03D11/04	VERFAHREN ZUR OFFSHORE-MONTAGE EINER WINDTURBINE
AT501353T T 20110315	DE200710059038 20071206; WO2008EP08754 20081016	VOITH PATENT GMBH [DE]	F03B13/24; F03B13/06; F03D1/06	WELLS-TURBINE MIT PASSIVER ROTORBLATTVERSTELLUNG

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT501355T T 20110315	DE200410060449 20041214; DE200510017716 20050415; WO2005EP56726 20051213	WOBLEN ALOYS [DE]	F03D11/00; B64D15/20; G01W1/00	ROTORBLATT FÜR EINE WINDENERGIEANLAGE
AT501356T T 20110315	EP20080075047 20080117	GAMESA INNOVATION AND TECHNOLOGY S L [ES]; HANSEN TRANSMISSIONS INT [BE]	F03D11/00; F03D11/02	GETRIEBEEINHEIT FÜR EINE WINDTURBINE
AT502207T T 20110415	EP20060125678 20061208	STX HEAVY IND CO LTD [KR]	F03D1/00; F03D1/06; F03D11/00	NABE FÜR WINDTURBINENROTOR
AT502208T T 20110415	US20060878042P 20061228; WO2007IB01875 20070618	CLIPPER WINDPOWER INC [US]	F03D7/02; F03D11/04	WINDTURBINENDÄMPFUNG EINER TURMRERSONANZBEWEGUNG UND SYMMETRISCHEN SCHAUFELBEWEGUNG UNTER VERWENDUNG VON SCHÄTZUNGSVERFAHREN
AT503082T T 20110415	DE20031003617 20030130	GAT GMBH [DE]	F01D15/06; F01D1/06; F01D1/22; F01D5/04; F01D5/14; F03B13/04; F03D9/00	TURBINENRAD ZUM ANTRIEB SCHNELL ROTIERENDER WERKZEUGE
AT503109T T 20110415	DE200410028917 20040615	NORDEX ENERGY GMBH [DE]	F03D1/06; F03D11/00	ROTORBLATT FÜR EINE WINDENERGIEANLAGE
AT503926T T 20110415	EP20070301360 20070913	ALCATEL LUCENT [FR]	F03D9/00; H01Q1/00	ANTENNEN-/WINDTURBINENVORRICHTUNG UND KOMMUNIKATIONSSTATION DAMIT
AT503927T T 20110415	EP20070075909 20071022	ACTIFLOW B V [NL]	F03D11/02; F03D1/06	WINDENERGIEANLAGE MIT GRENZSCHICHTSTEUERUNG
AT504738T T 20110415	EP20060007514 20060410; WO2007EP51789 20070226	SIEMENS AG [DE]	F03D1/06; F03D11/00	WINDTURBINENROTORSCHAUFEL

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
AT504739T T 20110415	DE200410045415 20040918; WO2005EP54177 20050825	WOBEN ALOYS [DE]	F03D11/00; F03D1/06	VORRICHTUNG ZUR KENNZEICHNUNG EINER WINDENERGIEANLAGE
AT505646T T 20110415	WO2007EP54223 20070430; WO2008EP55366 20080430	VESTAS WIND SYS AS [DK]	F03D1/06; F03D7/02	WINDTURBINENSCHAUFEL
AT506535T T 20110515	CZ20050000399 20050620; WO2006CZ00021 20060420	TAUS JAN [CZ]	F03D3/06	WINDTURBINE MIT SENKRECHTER DREHACHSE
AT506536T T 20110515	DE200710022926 20070514	CONVERTEAM GMBH [DE]	F03D7/04; F03D9/00; F03D11/00; G01M99/00	ELEKTRISCHE SCHALTUNG ZUM TESTEN EINES GETRIEBES INSBESONDERE EINER WINDKRAFTANLAGE
AT506537T T 20110515	DE20021042707 20020913; WO2003DE02722 20030813	AERODYN ENG GMBH [DE]	F03D11/02; F03D9/00; H02K7/116; H02K7/18	WINDENERGIEANLAGE MIT KONZENTRISCHER GETRIEBE- /GENERATOR-ANORDNUNG
AT507363T T 20110515	DE200710031065 20070628	NORDEX ENERGY GMBH [DE]	E04H12/16; F03D11/04	WINDENERGIEANLAGENTURM
AT508275T T 20110515	PT20060103489 20060531; WO2007PT00022 20070531	OMNIDEA LDA [PT]	F03D5/00; A63H27/08; F03D11/04	NUTZER FÜR ATMOSPHERISCHE RESSOURCEN
AT508276T T 20110515	DE200610040929 20060831	NORDEX ENERGY GMBH [DE]	F03D7/02; F03D7/04; F03D9/00; F03D9/02; F03D11/02	VERFAHREN ZUM BETRIEB EINER WINDENERGIEANLAGE MIT EINEM SYNCHROGENERATOR UND EINEM ÜBERLAGERUNGSGETRIEBE
AT508383 A4 20110115	AT20090001251 20090807	FRELLER WALTER [AT]	F03D3/06	WINDRAD

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AT508402 A1 20110115	AT20090000972 20090623	PKT PRAEZ SKUNSTSTOFFTECHNIK BUERTLMAIR GMBH [AT]; ASK ALTMANN [DE]	B60K16/00; F03D11/04; F03G7/10	ENERGIEGEWINNUNGSEINHEIT, INSBESONDERE FÜR VERKEHRSMITTEL
AT508880 A1 20110415	AT20090000308 20090224	PODIRSKY PETER MAG [AT]	H02K16/00; F03D1/02; H02K7/116; H02K7/18	GENERATOR ZUR ERZEUGUNG ELEKTRISCHEN STROMS MITTELS WIND, WASSER ODER ANTRIEB
AT509202T T 20110515	DE200710038945 20070817; WO2008DE01338 20080814	AQUAPOWER GMBH ERNEUERBARE EN AUS WASSERKRAFT [DE]	F03B17/06; F03D3/06	ROTATIONSVORRICHTUNG
AT510126T T 20110615	DE200410013624 20040319; WO2005EP02712 20050314	S B PATENT HOLDINGS APS [DK]	F03D7/02; F03D1/00	AUTOMATISCHE ARRETIERUNG EINER WINDTURBINE
AT510728T T 20110615	ES20070000850 20070330	GAMESA INNOVATION AND TECHNOLOGY S L [ES]	B60P3/40; B65D85/68; B65D88/00; B65D88/12; B65D88/60; B65D90/00; F03D1/00	HALTERUNG ZUM TRANSPORT VON SCHAUFELN
AT511016T T 20110615	GB20070017690 20070911; WO2008GB02569 20080728	BLADE DYNAMICS LTD [GB]	F03D1/06; F03D3/06	WINDTURBINENBLATT
AT511017T T 20110615	DE200710054215 20071112; WO2008EP09515 20081112	REPOWER SYSTEMS AG [DE]	F03D7/02	WINDENERGIEANLAGE MIT HEIZEINRICHTUNG

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AT511018T T 20110615	DK20070001842 20071220; US20070015466P 20071220; WO2008DK00441 20081219	VESTAS WIND SYS AS [DK]	F03D11/02; F16H1/28	PLANETENGETRIEBESTUFE FÜR EIN WINDTURBINENGETRIEBE, WINDTURBINENGETRIEBE UND WINDTURBINE
AT511408T T 20110615	DE20021005373 20020209	WOBLEN ALOYS [DE]	A62C3/00; A62C3/16; A62C5/00; A62C37/36; A62C99/00; F03D11/00; H01M8/00	BRANDSCHUTZ FÜR EINE WINDENERGIEANLAGE
AT511604T T 20110615	WO2007EP09466 20071031	POWERWIND GMBH [DE]	F03D11/00	WINDENERGIEANLAGE
AU200922263 7 A1 20110428	AU20090222637 20091011	ENGELSMAN TOM; MICHEAL FISHER	F03B13/14; E02B9/08; F03D1/00	Renewable Energy Island
AU200922783 2 A1 20110512	AU20090227832 20091016	JUSTJIM PTY LTD	F03D1/00; F03G6/00	Portable Power Generation Device
AU200928471 8 A1 20110616	AU20090284718 20091130	MITSUBISHI HEAVY IND LTD [JP]	E04H12/10; F03D11/04	Wind turbine tower and wind turbine generator
AU200933971 3 A1 20110120	AU20090339713 20090626	MITSUBISHI HEAVY IND LTD [JP]	F03D7/02	Wind turbine generator and method of controlling the same
AU200934269 7 A1 20110310	AU20090342697 20090819	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	Wind turbine and method of deicing wind turbine blade
AU200934269 8 A1 20110217	AU20090342698 20090803	MITSUBISHI HEAVY IND LTD [JP]	F03D1/00	Wind turbine generator and assembling method thereof

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AU201020240 7 A1 20110106	IT2009MI01029 20090610	WILIC S AR L [LU]	F03D7/02; F03D7/04; G01P3/38	Wind power electricity generating system and relative control method
AU201020249 1 A1 20110106	US20090484645 20090615	GEN ELECTRIC [US]	E04H12/08; F03D11/04	Rail-transportable wind turbine tower
AU201021245 4 A1 20110310	DK20090070094 20090821; US20090235839P 20090821	VESTAS WIND SYS AS [DK]	F03D7/00	System and method for monitoring power filters and detecting power filter failure in a wind turbine electrical generator
AU201110042 6 A4 20110616	AU20100904737 20101025; AU20110100426 20110418	BURANELLO BRUNO	F03D3/06; F03D3/02	Wind power
AU201110045 3 A4 20110526	TW20100207192U 20100420	CHEN JEN-HSIN	F03D3/00; F03D3/06; F03D11/00	Fluid-driven mill
AU201120203 0 A1 20110526	AU20060322579 20061205; AU20110202030 20110503; WO2006BR00260 20061205; BR2005PI05380 20051205; BR2006PI05878 20061128	FLAVIO DULCETTI FILHO	F03D3/06; F03D3/02; F03D7/06	Eolic converter
BE1018483 A3 20110111	BE20080000303 20080602	JACQUET PIERRE [BE]		EOLIENNE A CLAPETS.
BE1018581 A4 20110405	BE20090000330 20090528	GEOSEA N V [BE]		INRICHTING EN WERKWIJZE VOOR HET ASSEMBLEREN VAN EEN BOUWWERK OP ZEE.
BE1018684 A3 20110607	BE20090000149 20090316	AZAR JOHN [LB]		AMELIORATIONS A UN SYSTEME DE PRODUCTION D'ENERGIE.

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BRMU890109 4U U2 20110215	BR2009MU8901094U 20090624	WALLAUER JAURY [BR]	F03D9/00	poste aerogerador para iluminação e produção de energia elétrica
BRMU890177 6U U2 20110503	BR2009MU8901776U 20090825	LIMA LUIS GOMES DE [BR]	F03D1/04; F03D1/02	disposição construtiva aplicada em turbina eólica para geração de energia
BRPI0613517 A2 20110118	US20050685891P 20050601; WO2006US21157 20060601	KERR COLIN C [US]	F03D5/06	transferência de energia cinética para e de fluidos
BRPI0702881 A2 20110315	KR20060047367 20060526; WO2007KR01486 20070327	LEE MIN SUNG [KR]	F03D3/06	rotor para turbina eólica
BRPI0706660 A2 20110405	DK20060000383 20060317; WO2007DK00137 20070319	VESTAS WIND SYS AS [DK]	F03D1/06; F03D7/02; F03D11/00	sistema de proteção para um gerador elétrico de uma turbina eólica, turbina eólica, e uso de um sistema de proteção
BRPI0706792 A2 20110405	US20060763577P 20060131; US20060407733 20060420; US20060834232P 20060728; WO2007US02706 20070131	LIEBERMAN PAUL [US]; ENIS BEN M [US]	F03D9/00; H02P9/04	método de armazenar e transportar energia de ar comprimido
BRPI0707617 A2 20110510	ES20060000296 20060209; WO2007ES00065 20070208	HYDRA POWER S L [ES]	F03D7/02; F04B49/06; F04B49/20	dispositivo para controlar as lâminas de uma turbinas eólica
BRPI0707743 A2 20110510	DE200610007536 20060216; WO2007EP51312 20070212	WOBEN ALOYS [DE]	F03D11/00; F21S8/00	instalação de energia eólica com um arranjo de luz de alerta aérea

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BRPI0708262 A2 20110524	EP20060111440 20060321; WO2007EP52489 20070316	SHELL INT RESEARCH [NL]	F03B13/10; F03B17/06; F03D1/04	unidades de turbina, e de gerador-turbina
BRPI0708935 A2 20110614	US20060785813P 20060325; WO2007IB00439 20070222	CLIPPER WINDPOWER TECHNOLOGY [US]	F03D11/00; H05K7/20	sistema de gerenciamento térmico para turbina eólica
BRPI0902091 A2 20110309	BR2009PI02091 20090629	FREITAS LUIZ FERNANDO PIMENTEL DO REGO [BR]	F03D11/04	transmissão hidrostática para máquina eólica
BRPI0902401 A2 20110405	BR2009PI02401 20090727	SILVA JOSENIR SILVERIO DA [BR]	F03D11/00	gerador eólico auto-excitado baseado em alternador automotivo com regulador de tensão eletrônico
BRPI0902913 A2 20110104	BR2009PI02913 20090428	DIAS DE OLIVEIRA LUIZ [BR]	F03D5/02	motor eólico de esteira ascendente
BRPI0902982 A2 20110510	BR2009PI02982 20090826	PACCHINI EMANUELE SILVANO [BR]	F03D7/02; H02K7/18	gerador eólico de energia elétrica
BRPI0903161 A2 20110510	BR2009PI03161 20090826	SATRIX IND E COM DE EQUIPAMENTOS DE EN RENOVAVEIS LTDA [BR]	F03D11/04	coluna de fixação para geradores eólicos
BRPI0903179 A2 20110510	BR2009PI03179 20090820	DE MENDONCA ALEXANDRE RODRIGUES [BR]	F03D9/00	turbina eólica para geração de energia automotiva
BRPI0903223 A2 20110510	BR2009PI03223 20090825	DE LIMA LUIS GOMES [BR]	H02K7/18; F03D7/00; H02K17/42	motor gerador com duas cabeças giratórias e duplo sentido de rotação
BRPI0903264 A2 20110524	BR2009PI03264 20090826	ANDRADE JOAO BATISTA FERREIRA DE [BR]	F03B13/14; F03D9/00; H02N6/00; H02N11/00	sistema híbrido e co gerador de energia elétrica limpa e sustentável dotado de usina hidrelétrica marítima, de central de geração termelétrica abastecida por eletricidade e acoplada com estação dessalinizadora e de hidrelétrica em contêiner, integradas
BRPI0903538 A2 20110524	BR2009PI03538 20090921	MURAKAMI INGRID MIDORI NIWA [BR]	F03D9/00	sistema de aproveitamento do ar descartado pelos equipamentos de condicionamento e refrigeração como energia elétrica retornável através de uso de aerogerador e turbina
BRPI0903554 A2 20110524	BR2009PI03554 20090922	PEREIRA HOMERO ANTONIO CASTELO [BR]	F03D9/00; F03D11/00	dispositivo eólico

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BRPI0903960 A2 20110215	BR2009PI03960 20090505	DE OLIVEIRA LUIZ DIAS [BR]	F03D3/02	turbina eólica de eixo vertical com número par de rotores dotados de velas auto-ajustáveis
BRPI0904236 A2 20110614	BR2009PI04236 20091013	NUNEZ AUGUSTO CEZAR MANGABEIRA [BR]	F03D3/00; F03G6/04	estufa solar eólica
BRPI0904237 A2 20110628	BR2009PI04237 20091013	NUNEZ AUGUSTO CEZAR MANGABEIRA [BR]	F03D9/00	geração de energia elétrica a partir do aproveitamento do ar deslocado pelos veículos em rodovias
BRPI0905265 A2 20110111	BR2009PI05265 20090402	CABRAL ARNO CLOVIS ALVES [BR]	F03D9/02	conversão aerodinâmica de energia eólica
BRPI0905269 A2 20110329	BR2009PI05269 20090708	DIAS DE OLIVEIRA LUIZ [BR]	F03D3/06; F03D3/04	turbina eólica de eixo horizontal transversal auto posicionante
BRPI0905671 A2 20110531	BR2009PI05671 20091006	BOSSOLAN ANTONIO [BR]	F03D11/04	turbina eólica de eixo vertical
CA2675044 A1 20110106	CA20092675044 20090706	SMITH MIKE RICHARD JOHN [CA]	F04D29/38; B63H1/26; B64C11/16; F03B3/12; F03D1/06	EFFICIENT IMPELLER SYSTEMS AND IMPELLER RELATED SYSTEMS
CA2675947 A1 20110210	CA20092675947 20090810	GARTNER MATTHEW CHARLES [CA]	F03D5/06; E02B9/08; F03B13/12; F03B13/22; F03B17/06; F03G7/08	OSCILLATING ENERGY CAPTURE MECHANISM
CA2677002 A1 20110228	CA20092677002 20090828	HOFMAN JEAN PIERRE [FR]; BENN BRUCE I [CA]	F03D9/02; F03D3/04	WIND HYDRO-GENERATOR
CA2677016 A1 20110228	CA20092677016 20090828	HOFMAN JEAN PIERRE [FR]; BENN BRUCE I [CA]	F03D3/00; F03D3/04; F03D9/02	DOUBLE DRAG WIND ROTOR
CA2682966 A1 20110420	CA20092682966 20091020	PATERSON SEAN [CA]	F03B13/06; E02B9/00; E21F17/16; F03B13/10; F03D9/02	POWER STORAGE AND REGENERATION FACILITY

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CA2683605 A1 20110505	CA20092683605 20091105	RECH ET DEV NOUVELLE ERE INC [CA]; GREGOIRE SYLVAIN [CA]	F03D1/02; F03D9/00; F03D11/04; F03G7/10	SSG AUTONOMOUS WIND TURBINE
CA2695186 A1 20110625	WO2009JP71577 20091225	MITSUBISHI HEAVY IND LTD [JP]	E04H12/22; E02D27/42; E04H12/00; F03D11/04	MONOPOLE TOWER AND WIND TURBINE GENERATOR HAVING MONOPOLE TOWER
CA2696084 A1 20110530	WO2009JP70112 20091130	MITSUBISHI HEAVY IND LTD [JP]	F03D11/04; E04H12/00; F03D1/00	WIND TURBINE TOWER AND WIND TURBINE GENERATOR
CA2708772 A1 20110109	US20090500289 20090709	GEN ELECTRIC [US]	G01B21/30; B23K37/00; F03D11/04	WELD ANALYSIS DEVICE AND METHOD
CA2708773 A1 20110108	US20090499406 20090708	GEN ELECTRIC [US]	F03D11/04; E02D27/32; E02D27/42	MODULAR SURFACE FOUNDATION FOR WIND TURBINE SPACE FRAME TOWERS
CA2708800 A1 20110117	US20090505286 20090717	GEN ELECTRIC [US]	F03D11/00; B08B1/04; B08B9/023	WIND TURBINE BLADE INSPECTION AND CLEANING SYSTEM
CA2709795 A1 20110129	US20090511177 20090729	GEN ELECTRIC [US]	E04H12/00; F03D11/04	GUIDE SYSTEM FOR POWER MODULES
CA2710876 A1 20110204	US20090535288 20090804	GEN ELECTRIC [US]	E04G3/28; B66B9/16; B66C23/32; E04G3/24; E04G27/00; F03D11/00	TOWER CLIMBING AND SERVICING DEVICE
CA2710902 A1 20110124	US20090228443P 20090724; US20100841301 20100722	HONEYWELL INT INC [US]	G01M99/00; F03D11/00; G07C3/00	INTEGRATED CONDITION BASED MAINTENANCE SYSTEM FOR WIND TURBINES

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CA2710905 A1 20110124	US20090228448P 20090724; US20100841345 20100722	HONEYWELL INT INC [US]	G06Q50/00; F03D11/00	ENERGY RESOURCE ALLOCATION INCLUDING RENEWABLE ENERGY SOURCES
CA2711631 A1 20110210	EP20090447041 20090810	HANSEN TRANSMISSIONS INT [BE]	F03D11/02; F16H57/02	PARALLEL GEAR UNIT FOR A GEARBOX FOR A WIND TURBINE
CA2712158 A1 20110124	US20090228320P 20090724; US20100841268 20100722	HONEYWELL INT INC [US]	G01M99/00; F03D11/00; G07C3/00	WIND TURBINE GENERATOR FAULT DIAGNOSTIC AND PROGNOSTIC DEVICE AND METHOD
CA2712205 A1 20110207	JP20090185137 20090807	HONDA MOTOR CO LTD [JP]	F03D9/00; F02B65/00; F02G5/00; F03D9/02; H02J1/10; H02J15/00; H02K7/18; H05B1/02	POWER SUPPLY SYSTEM
CA2712812 A1 20110213	EP20090010466 20090813	SIEMENS AG [DE]	B29C70/24; B29C70/30; F03D1/06; F03D3/06	METHOD AND ARRANGEMENT TO PRODUCE A WIND-TURBINE-BLADE
CA2713031 A1 20110213	EP20090010464 20090813	SIEMENS AG [DE]	B29C70/48; F03D1/06; F03D3/06	METHOD TO MANUFACTURE AT LEAST A COMPONENT OF A BLADE OF A WIND-TURBINE
CA2713522 A1 20110303	US20090553395 20090903	GEN ELECTRIC [US]	E04H12/12; F03D11/04	WIND TURBINE TOWER AND SYSTEM AND METHOD FOR FABRICATING THE SAME
CA2714722 A1 20110308	BY20090001300 20090908	KLIMOV VYACHESLAV STEPANOVICH [BY]; KLIMOV OLEG VYACHESLAVOVICH [LV]	F03D3/06; F03D3/02; F03D5/00	ROTOR-TYPE SUPER WINDMILL AND METHOD OF INCREASING KINETIC ENERGY OF AIR FLOW
CA2714839 A1 20110325	US20090566935 20090925	GEN ELECTRIC [US]	F03D11/00; F24F11/053	METHOD AND SYSTEM FOR COOLING A WIND TURBINE STRUCTURE
CA2714844 A1 20110311	US20090241399P 20090911	BALL JOHN B [CA]	F03D3/00; F03D3/06	VERTICAL AXIS WIND TURBINE

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CA2714845 A1 20110328	GB20090017018 20090928	HANSEN TRANSMISSIONS INT [BE]	F03D11/02; F16H1/28; F16H57/08	PLANETARY GEAR UNIT FOR A GEARBOX FOR A WIND TURBINE
CA2715459 A1 20110406	US20090574023 20091006	GEN ELECTRIC [US]	F03D11/00; B66C1/10; F03D11/04	APPARATUS AND METHOD FOR MANIPULATING A COMPONENT OF A WIND TURBINE
CA2715544 A1 20110405	US20090248860P 20091005	HATTON MARK [CA]	F03D3/06	WIND TURBINE
CA2715935 A1 20110219	WO2009JP64523 20090819	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; B64D15/16; F03D7/02	WIND TURBINE AND METHOD OF DEICING WIND TURBINE BLADE
CA2715939 A1 20110203	WO2009JP63767 20090803	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F03D11/00; F03D11/02; F16D1/091; H02K7/18	WIND TURBINE GENERATOR AND ASSEMBLING METHOD THEREOF
CA2715952 A1 20110402	BY20090001405 20091002	KLIMOV VYACHESLAV STEPANOVICH [BY]; KLIMOV OLEG VYACHESLAVOVICH [LV]	F03D3/06; F03D3/02	ROTOR PLATFORM OF AERODYNAMIC FORCE AND METHOD OF AERODYNAMIC FORCE GENERATION
CA2716391 A1 20110406	EP20090012655 20091006	SIEMENS AG [DE]	F03D11/00; F03D7/00	METHOD FOR CONTROLLING A WIND TURBINE AT HIGH THERMAL LOADS
CA2718574 A1 20110430	US20090609510 20091030	GEN ELECTRIC [US]	E04H12/00; F03D11/04	TRANSPORTABLE WIND TURBINE TOWER
CA2719634 A1 20110502	US20090610768 20091102	WIND SIMPLICITY INC [CA]	F03D11/00; F03D1/06; F16B1/00; F16B9/00	SUPPORT SPINE FOR A WIND TURBINE BLADE
CA2719643 A1 20110502	CL20090002021 20091102	MARTINEZ MARDONES JORGE ALFONSO [CL]	F03B13/24; F03B17/02; F03D9/02; F03G7/04	MARITIME DEVICE FOR PRODUCING ELECTRIC POWER
CA2719779 A1 20110505	EP20090013910 20091105	SIEMENS AG [DE]	H02K9/00; H02K9/10; H02K9/19	ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE

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CA2720052 A1 20110506	EP20090013958 20091106	SIEMENS AG [DE]	H02K9/00; H02K9/10; H02K9/19	ARRANGEMENT FOR COOLING OF AN ELECTRICAL GENERATOR
CA2721755 A1 20110517	US20090620022 20091117	TWO WEST WIND AND SOLAR INC [CA]	F03D3/02; F03D9/00; F03D11/02; H02K7/18	VERTICAL AXIS WIND TURBINE WITH FLAT ELECTRIC GENERATOR
CA2721914 A1 20110524	EP20090014634 20091124	SIEMENS AG [DE]	F03D11/00	ARRANGEMENT WITH A NACELLE AND WITH AN INSTRUMENT
CA2721939 A1 20110524	EP20090014632 20091124	SIEMENS AG [DE]	F03D11/00; F01P3/18	ARRANGEMENT WITH A NACELLE AND A RADIATOR
CA2721942 A1 20110523	IT2009MI02060 20091123	WILLIC S AR L [LU]	F03D11/02; F03D9/00; F03D11/00; H02K7/18	WIND POWER TURBINE FOR GENERATING ELECTRIC ENERGY
CA2721958 A1 20110524	EP20090014630 20091124	SIEMENS AG [DE]	F03D7/00; F03D7/02; F03D11/00	WIND SPEED DEPENDENT ADAPTATION OF A SET POINT FOR A FATIGUE LIFE OF A STRUCTURAL COMPONENT OF A WIND TURBINE
CA2721964 A1 20110524	EP20090014635 20091124	SIEMENS AG [DE]	F03D11/00; F01P3/18	ARRANGEMENT WITH A NACELLE AND A RADIATOR ARRANGEMENT
CA2721967 A1 20110524	EP20090014631 20091124	SIEMENS AG [DE]	F03D11/00	ARRANGEMENT WITH A NACELLE AND AN INSTRUMENT BAR
CA2721972 A1 20110524	EP20090014633 20091124	SIEMENS AG [DE]	F03D11/00; F01P3/18	ARRANGEMENT WITH A NACELLE AND A RADIATOR ARRANGEMENT
CA2722379 A1 20110530	EP20090014850 20091130	SIEMENS AG [DE]	B60P3/40; F03D11/00	ARRANGEMENT FOR THE TRANSPORT OF WIND TURBINE COMPONENTS
CA2722836 A1 20110604	TW20090141529 20091204	FUNG GIN DA ENERGY SCIENCE AND TECHNOLOGY CO LTD [TW]	F03D3/04; F03D3/06	APPARATUS FOR GENERATING ELECTRIC POWER USING WIND ENERGY
CA2722876 A1 20110601	EP20090014907 20091201	SIEMENS AG [DE]	B32B17/04; F03D1/06; F03D3/06; F03D11/00	FIBRE-REINFORCED PLASTIC MATERIAL

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CA2722888 A1 20110601	EP20090447062 20091201	HANSEN TRANSMISSIONS INT [BE]	F16H57/02; F03D11/00; F03D11/02; F16H1/48; F16H57/08	PLANETARY GEAR UNIT
CA2725360 A1 20110617	DE200910058595 20091217	SIEMENS AG [DE]	F03D11/00; G01B15/06	DETECTION OF DEFORMATION OF A WIND TURBINE BLADE
CA2726507 A1 20110618	EP20090015734 20091218; EP20100007521 20100720	SIEMENS AG [DE]	B29C45/16; F03D1/06; F03D3/06	MOULD AND METHOD TO BUILD UP A BLADE
CA2738123 A1 20110622	JP20090290660 20091222; WO2010JP70797 20101122	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	WIND TURBINE BLADE AND WIND TURBINE GENERATOR USING THE SAME
CA2746399 A1 20110512	US20090614351 20091106; WO2010US29165 20100330	ENGINEERED LIFTING TECHNOLOGIES INC [US]	B66C1/66; F03D1/00	LIFTING ASSEMBLY
CH701753 A1 20110315	CH20090001367 20090903	IDS HOLDING AG [CH]	H02P9/10; F03D9/00	Speed variable generator system for use in e.g. hydro power plant, has voltage limiter attached at secondary side of generator such that secondary sided current is derived during high current through frequency converter
CH701857 A2 20110331	CH20090001453 20090921	BALTHASAR MEIER C O WMPARTNERS MAN LTD [CH]; OTT CHRISTOPH [CH]	F24J2/00; F03D9/00	Device for combined, multi-positional utilization of photovoltaic generators and wind generators, at e.g. line infrastructure construction of rail traffic, has blower controller converting electrical energy
CN101933764 A 20110105	CN20101237196 20100720	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A47J27/00; A47J36/26; F03D9/00	Electric rice cooker taking wind power generation system as power supply
CN101934435 A 20110105	US20090494544 20090630	GEN ELECTRIC [US]	B23K33/00; B21B1/08; F03D11/00	Methods and flange for assembling towers

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CN101934739 A 20110105	CN20101214646 20100701	DAOPING BIE	B60L8/00; B60K16/00; F03D1/02; F03D9/00	Electric power self-supporting process of electric vehicle
CN101936251 A 20110105	US20090415105 20090331	GEN ELECTRIC [US]	F03D1/06; B29C41/20; F03D9/00	Retrofit sleeve for wind turbine blade
CN101936252 A 20110105	CN20101270286 20100831	YUNZUO CHEN; YUQING DONG	F03D3/00; F03D3/06	Balloon windmill wind energy collector
CN101936253 A 20110105	CN20091149579 20090629	HAIYUN WANG	F03D3/06	Sail-type fan blade
CN101936254 A 20110105	CN20101282210 20100915	SHANGHAI HUIYI CONTROL SYSTEM CO LTD	F03D7/00	Variable-pitch control system of direct drive type volume electro-hydraulic servo fan
CN101936255 A 20110105	CN20101283503 20100915	SANYI ELECTRIC CO LTD [CN]	F03D7/00	Feathering control system of electric variable pitch system
CN101936256 A 20110105	CN20091067223 20090703	ZHONGYU WANG; BOSHI LI; XUEJIANG LIU	F03D9/00; F03D3/00; F03D3/06; F16C32/04; H02K1/16; H02K1/27; H02K5/16	Huge magnetic suspension vertical shaft rare-earth permanent magnet wind-driven generator
CN101936257 A 20110105	CN20091148410 20090629	CHUNMU ZHOU	F03D9/00; F03D3/00; F03D3/02	All-weather wind power generation device
CN101936258 A 20110105	DK20090000812 20090630	VESTAS WIND SYS AS [DK]	F03D9/00	A wind power plant predictive protection circuit
CN101936259 A 20110105	CN20101240813 20100727	ZHAOXING WANG	F03D9/00; E21F1/04; F03D1/00; F03D1/04; F03D1/06	Wind power utilization method and special device in wind discharge barrel of mine
CN101936260 A 20110105	CN20101265230 20100826	HUANGSHI HUAKE NEW ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D7/04	Pitch and revolving angle-changing wind power generator

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CN101936261 A 20110105	CN20101275117 20100903	JIANGHAI YU; JUE WU	F03D9/00; F03D3/06; F03D11/00; F16C32/04	Sail blade type oriented wind driven generator
CN101936262 A 20110105	CN20101287046 20100914	ZE LI; JIAQI LIAO	F03D9/00; F03B13/06	Wind power generation method
CN101936263 A 20110105	DK20090070047 20090630; US20090221928P 20090630	VESTAS WIND SYS AS [DK]	F03D9/02; F03D1/00; F03D7/04	A wind turbine with improved yaw control
CN101936264 A 20110105	US20090491520 20090625	GEN ELECTRIC [US]	F03D11/00; B64D45/02; H01T19/00	Transversal conduction lightning protection system
CN101936265 A 20110105	US20090495066 20090630	GEN ELECTRIC [US]	F03D11/00; F16D51/00; F16D55/00; H02K7/116	Drivetrain system for a wind turbine generator and assembling method thereof
CN101936266 A 20110105	US20090494666 20090630	GEN ELECTRIC [US]	F03D11/00	Spaceframe nacelle for a wind turbine generator and method of manufacturing the spaceframe nacelle
CN101936267 A 20110105	CN20101275422 20100901	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D11/00	Wind generator tower
CN101936268 A 20110105	CN20101282894 20100916	CSR ZHUZOU ELECTRIC LOCOMOTIVE RES INST CO LTD	F03D11/00	Extravehicular overhauling protection method and device for wind generating set
CN101936367 A 20110105	EP20090008477 20090629	HANSEN TRANSMISSIONS INT [BE]	F16H3/44; F03D11/00; F16D1/10; F16D1/112; F16H57/02; F16H57/04	Planetary gear transmisssion unit with planet shaft locking mechanism
CN101937025 A 20110105	US20090493283 20090629	GEN ELECTRIC [US]	G01R29/08; F03D7/04	System and method for detecting lightning
CN101938137 A 20110105	DE200910030725 20090626	REPOWER SYSTEMS AG [DE]	H02J3/38; F03D7/04	Wind farm and method for regulating a wind farm

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CN101939536 A 20110105	WO2008US86295 20081210; US20070012759P 20071210	SQUARED WIND INC V	F03D1/02; F03D1/00; F03D11/04	Modular array fluid flow energy conversion facility
CN101939537 A 20110105	WO2008US75919 20080911; US20070972099P 20070913; US20080019117P 20080104	FLOATING WINDFARMS CORP	F03D3/00; F03D11/04	Offshore vertical-axis wind turbine and associated systems and methods
CN101939538 A 20110105	WO2009EP53454 20090324	AMSC WINDTEC GMBH [AT]	F03D11/00	Development of a new tower cabling
CN101941267 A 20110112	CN20091158780 20090705	SUQIAN YACHEN ENGINEERING NYLON CO LTD	B29C45/00; F03D3/06	Macromolecular composite vane for vertical shaft windmill with rated power of below 300KW
CN101941498 A 20110112	CN20101270932 20100828	ZUOMIN ZHENG	B62M6/00; B62J6/06; F03D9/00	Low-carbon life car
CN101942169 A 20110112	CN20101276228 20100909	INST GENETICS & DEV BIOLOG CAS	C08L51/06; C08F255/02; C08K7/14; C08K9/06; F03D11/00	Method for producing blades of wind mill and produced blades
CN101942921 A 20110112	CN20101257035 20100819	BEIJING MEITAINUO COMM TECHNOLOGY CO LTD	E04H12/00; F03D1/00; F03D9/00; H02N6/00	Wind-solar hybrid new energy communication tower
CN101943106 A 20110112	CN20091158779 20090705	SUQIAN YACHEN ENGINEERING NYLON CO LTD	F03D1/06; B29C45/00; B29C65/16; B29C65/18; F03D3/06	High-molecular composite blade for 500KW-below three-blade wind turbine
CN101943107 A 20110112	CN20091067263 20090710	ZHONGYU WANG; BOSHI LI; XUEJIANG LIU	F03D3/00; F16C32/04; H02K1/27	Hemispherical magnetic suspension bearing of huge magnetic suspension vertical shaft diagonal windmill

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CN101943108 A 20110112	CN20101281148 20100913	QINGHAI FENGFA TECHNOLOGY DEV CO LTD	F03D3/00; F03D3/06	Self-starting equipment of vertical axis wind turbine
CN101943109 A 20110112	CN20091148762 20090703	WUXI ANYDA NEW ENERGY TECHNOLOGY CO LTD	F03D3/06; F03D11/04	Spiral blade for vertical axis wind generator
CN101943110 A 20110112	JP20090190505 20090728	SHANGHAI LIFT WIND POWER EQUIPMENT CO LTD	F03D3/06; F03D3/02; F03D11/04	Blades of wind power generation device and wind generating set using the same
CN101943111 A 20110112	CN20101273391 20100903	CHEN JING	F03D3/06	Wind wheel mechanism for vertical-axis wind turbine
CN101943112 A 20110112	CN20101281146 20100913	QINGHAI FENGFA TECHNOLOGY DEV CO LTD	F03D3/06	Wind wheel device of vertical axis wind turbine
CN101943113 A 20110112	CN20101299802 20100930	TIGANG YU	F03D3/06	Wind power generation sail
CN101943114 A 20110112	CN20101299792 20100930	TIGANG YU	F03D5/02	Multilayer wind power generation sail
CN101943115 A 20110112	CN20091159876 20090706; CN20101230930 20100706	XIAOPING WU; TIANZHEN LUO	F03D7/04; F03D1/02; F03D9/00	Slippage-pitch and double yaw technology and wind power generator thereof
CN101943116 A 20110112	US20090498761 20090707	GEN ELECTRIC [US]	F03D7/04	Method and system for noise controlled operation of a wind turbine
CN101943118 A 20110112	CN20101523019 20101028	JIANGSU XINGHANG INTELLIGENT CONTROL TECHNOLOGY CO LTD	F03D7/04	Method for preventing wind power generation equipment from being damaged caused by overlarge wind power
CN101943119 A 20110112	CN20101281373 20100913	XIAOHU XUE	F03D7/06	Method and system for controlling propulsion plate of wind propulsion device
CN101943120 A 20110112	CN20101199246 20100612	YONG PENG	F03D9/00; F03D3/00; F03D7/06	Abrasive disc type wind turbine
CN101943121 A 20110112	US20090498798 20090707	GEN ELECTRIC [US]	F03D9/00; F03D7/04	Wind turbine acoustic emission control system and method
CN101943122 A 20110112	CN20101250234 20100811	JIANGSU XINGHANG INTELLIGENT CONTROL TECHNOLOGY CO LTD	F03D9/00; F03D3/06	Method for preventing solar battery panel of solar street lamp from being damaged by wind

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CN101943123 A 20110112	CN20101000741 20100118; CN20101260400 20100824	RUIZHI MA	F03D9/00; F03D1/00; F03D1/04; F03D1/06	Building wind tunnel type wind driven generator
CN101943124 A 20110112	CN20101266365 20100828	QUNHUA SHEN	F03D9/00; F24F13/20	Wind-driven generating device and air conditioner using same
CN101943125 A 20110112	CN20101268040 20100902	SHANGHAI GHREPOWER GREEN ENERGY CO LTD	F03D9/00; F03D7/04; F03D11/00; H02J7/14	Suspension-type horizontal shaft wind generating set
CN101943126 A 20110112	CN20101271151 20100903	YUANLIN ZHANG	F03D9/00; F03D3/06; F03D11/00	Vertical shaft wind power generator with high power
CN101943127 A 20110112	CN20101272913 20100902	SHUGUANG LI	F03D9/00; F03D3/00; F03D3/02; F03D3/04; F03D11/00	Wind collecting vertical type wind power generating system
CN101943128 A 20110112	CN20101273382 20100906	SHENZHEN TIMAR WIND ENERGY AND LUMINOUS ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D11/00; H02K3/04; H02K15/04	Vertical rotor magnetic suspension windmill generator
CN101943129 A 20110112	CN20101275434 20100901	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D9/00; F03D11/00; F16H57/04; H02K9/04	Wind generating set suitable for environment of high-altitude area
CN101943130 A 20110112	CN20101275456 20100901	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D9/00; F03D1/06; F03D7/02; F03D11/00	Large wind turbine generator system for ultralow temperature environment
CN101943131 A 20110112	CN20101280880 20100914	YUANLIN ZHANG	F03D9/00; F03D3/06; F03D11/00	Vertical axis high-power wind driven generator with relatively high wind energy utilization rate

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CN101943132 A 20110112	CN20101285259 20100916	ZHIQIANG HANG	F03D9/00; F03D3/00; F03D11/00	Mutually-inversely-rotated double-wind-blade magnetically-suspended vertical wind power generator
CN101943133 A 20110112	CN20101286757 20100916	UNIV NANJING INF SCI & TECH	F03D9/00; F03D11/04	Long-life wind driven generator
CN101943134 A 20110112	CN20091067264 20090710	ZHONGYU WANG; BOSHI LI; XUEJIANG LIU	F03D11/00; F03D9/00	Windproof and rainproof cover of wind machine with giant magnetic levitation perpendicular shaft cable-stayed structure
CN101943135 A 20110112	CN20101219971 20100708	ZHENJIANG TIEKE RUBBER PLASTIC GOODS CO LTD	F03D11/00	Elastic supporting piece of aerogenerator
CN101943136 A 20110112	CN20101251651 20100812	XIEXIN WIND POWER JIANGSU CO LTD; XIEXIN WIND POWER XILINHAOTE CO LTD	F03D11/00	Blade for wind turbine
CN101943137 A 20110112	ES20090001539 20090706	GAMESA INNOVATION & TECH SL [ES]	F03D11/00; B01D50/00	System for the circulation of filtered air inside the wind turbine
CN101943138 A 20110112	CN20101275432 20100901	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D11/00	Fan blade of generating set
CN101943139 A 20110112	CN20101295477 20100927	UNIV JILIANG CHINA	F03D11/00	Adaptive wind and sand prevention device for wind generating set
CN101943361 A 20110112	CN20091148763 20090703	WUXI ANYDA NEW ENERGY TECHNOLOGY CO LTD	F21S9/02; F03D9/00; F21S9/03; F21S9/04; F21V23/00; H02J7/00	Light energy and wind energy complementary illumination device on vertical shaft
CN101943362 A 20110112	CN20091157877 20090709	YUFENG ZHUANG	F21S9/02; F03D9/00; F21S9/03; F21S9/04; F21V23/00; F21V33/00; H02J7/00; H05B37/02	Outdoor LED system

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CN101946044 A 20110112	WO2009EP01078 20090216; DE200810010660 20080222	REPOWER SYSTEMS AG [DE]	E02D27/42; F03D11/04	Construction of a wind energy plant
CN101949353 A 20110119	CN20101299466 20101008	PING LI	F03D1/00; F03D1/04; F03D1/06; F03D7/04	Tunnel diffusion draught fan
CN101949354 A 20110119	CN20101292998 20100925	SHENZHEN FENGFA SCIENCE TECHNOLOGY DEV CO LTD	F03D3/00; F03D3/04; F03D3/06	Vertical axis wind turbine
CN101949355 A 20110119	CN20101271012 20100903	ZHANGJIAGANG NAITE MOTOR MANUFACTURE CO LTD	F03D3/06; F03D3/00	Vertical axis wind turbine
CN101949356 A 20110119	CN20101170366 20100513	YONGCAI SONG	F03D9/00; F03D3/00; F03D3/04	Wind guide type vertical axis wind driven generator
CN101949357 A 20110119	CN20101265358 20100825	SHUIDAO FISHERIES RES INST	F03D9/00; F03B13/00	Device combined by wind power and current power generation foundation pile
CN101949358 A 20110119	CN20101273054 20100906	UNIV NANJING	F03D9/00; F03B13/00; F03D1/04; F03D11/00	Wind and rain power generation system
CN101949359 A 20110119	CN20101275431 20100901	GUANGDONG MING YANG ELECTRIC GROUP	F03D9/00; F03D11/00; F16H57/04; H02K9/04; H05K7/20	Wind turbine generator system applicable to high-humidity region environment
CN101949360 A 20110119	CN20101285251 20100916	ZHIQIANG HANG	F03D9/00; F03D3/06; H02N6/00; H02N15/00	Co-rotating double-blade vertical wind driven generator
CN101949361 A 20110119	CN20101287042 20100914	ZE LI; JIAQI LIAO	F03D9/00; F03B13/00; F03G3/04	Wind power generation method

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CN101949362 A 20110119	CN20101292326 20100921	QINGHAI FENGFA TECHNOLOGY DEV CO LTD	F03D9/00; F03D3/06	Vertical axis wind turbine
CN101949363 A 20110119	CN20101297313 20100921	UNIV SHANDONG SCIENCE & TECH	F03D9/00; F03D7/00	Method for grouping wind generating sets by taking input wind speed and random fluctuation of wind direction of wind farm into consideration
CN101949364 A 20110119	CN20101298421 20101003	MINGHUA ZHONG	F03D9/00; F03D3/04; F03D3/06; F03D11/00; F24J2/00	Jet wind driven generator
CN101949365 A 20110119	CN20101515797 20101010	ZHENWEN ZHOU	F03D9/00; F03D5/00; F03D7/00; F03D11/00	Kite generator set
CN101949366 A 20110119	EP20090163982 20090629; US20090221131P 20090629	VESTAS WIND SYS AS [DK]	F03D11/00; F03D1/06; H02G13/00	Lightning protection mesh
CN101949367 A 20110119	CN20101291634 20100926	ZHEJIANG YINLUN MACHINERY CO LTD	F03D11/00; F28F1/12	Pipe belt type wind turbine air cooler
CN101949569 A 20110119	CN20101502518 20101009	HANGZHOU CIYUAN TECHNOLOGY CO LTD	F24F7/06; F03D9/00; F24J2/24; F24J2/26; F24J2/48	Solar ventilation device for rooms in tall buildings
CN101950511 A 20110119	CN20101270579 20100903	SHENYANG WEIZHONG REVOLVING MACHINERY CO LTD	G09F7/00; F03D9/00; G09F9/33; H02N6/00	Advertisement board combining solar energy and wind energy into rotary power and advertisement video screen
CN101950977 A 20110119	CN20101270584 20100901	CHINO HARVEST WIND POWER TECHNOLOGY CO LTD	H02J3/38; F03D9/00	Method for realizing low-wind speed startup of permanent magnet wind turbine generator

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CN101951073 A 20110119	CN20101253484 20100811	QINHUANGDAO BODA IND DEV CO LTD	H02K11/00; F03D1/00; F03D9/00; H02J3/38; H02P9/48	Small and medium size wind driven generator
CN101951188 A 20110119	CN20101519391 20101026	UNIV WENZHOU	H02N2/18; F03D9/00; H02J7/32	Method for collecting piezoelectric energy by wind energy and device thereof
CN101952585 A 20110119	WO2008ES70204 20081110; ES20070003158 20071128	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	Aerodynamic profile for the root of a wind turbine blade having a double leading edge
CN101952586 A 20110119	WO2009IB00118 20090123; US20080063132P 20080130	CLIPPER WINDPOWER TECHNOLOGY [US]	F03D1/06; F03D7/02	Retractable blade structure with a split trailing edge
CN101952587 A 20110119	WO2008ES70197 20081027; ES20070002845 20071029	GAMESA INNOVATION & TECH SL [ES]	F03D9/00; F03D11/00	Improved power train for a wind turbine
CN101952588 A 20110119	WO2008CN02052 20081224; CN20071304161 20071226; CN20081115837 20080630; CN20081118827 20080825; CN20088122471 20081224	BEIJING QIXIANG INNOVATION SCI	F03D9/00; F03D1/00; F03D1/04; F03D11/00	A lifting type high altitude wind generator apparatus and a turbine generator device
CN101956646 A 20110126	CN20101512305 20101020	MINGLI ZHENG	F03B13/22; E04H12/12; F03B15/00; F03D9/00; H02K7/10	Offshore energy collection tower

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CN101956649 A 20110126	CN20091012537 20090715	SHENYANG WIND ENERGY EQUIPMENT CO LTD	F03D1/06; F03D9/00	High-efficiency 1.5MW wind-electricity blade aerodynamic shape
CN101956653 A 20110126	CN20101503422 20101012	SHIJIE SUN	F03D3/00; F03D3/06; F03D7/06	Vertical axis wind turbine with blade angle varying along with wind direction and wind velocity
CN101956654 A 20110126	CN20101186797 20100528	UNIV DALIAN POLYTECHNIC	F03D3/06; F03D3/04	Vertical axis type wind power generation impeller
CN101956655 A 20110126	CN20101502294 20100930	ANHUI CHIZHOU WANMEI ELECTRIC APPLIANCES FACTORY; ZHENGHUA HE	F03D3/06; F03D7/06	Wind rotor for wind power generation
CN101956656 A 20110126	US20090502565 20090714	GEN ELECTRIC [US]	F03D7/00	Passive deicing for wind turbine blades
CN101956657 A 20110126	CN20101293627 20100927	ZHEJIANG ZHONGKE AUTOMATION ENGINEERING TECHNOLOGY CO LTD	F03D7/00	Megawatt wind power generation master control system
CN101956660 A 20110126	CN20091041240 20090720	WENHUA LIANG	F03D9/00; F03D3/00; F03D3/04; F03D3/06; F03D11/00	Open type volute universal wind driven generator set device
CN101956661 A 20110126	CN20091059968 20090713	HONG CHEN; WANG JIANBO	F03D9/00; F03D3/00; F03D11/00	Building type wind power generation station and straight-axis wind turbine
CN101956662 A 20110126	CN20091158160 20090714	CHINA NAT COAL GROUP CORP	F03D9/00; F03D5/06; F03D11/00	Floating type wind energy receiving device
CN101956663 A 20110126	CN20091161208 20090715	JVNUO INTERNAT CO LTD	F03D9/00; F03D1/00; F03D1/06; F03D7/04; F03D11/00	Wind driven generator
CN101956664 A 20110126	CN20091159872 20090707; CN20101230927 20100706	XIAOPING WU; TIANZHEN LUO	F03D9/00; F03D1/06	Inertial and slip-frequency type wind-driven generation hub component

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CN101956665 A 20110126	US20090502449 20090714	GEN ELECTRIC [US]	F03D9/00; C10G1/00; C10G1/10; H02J3/38; H02N6/00	Method and system for utilizing excess energy generated by a renewable power generation system to treat organic waste material
CN101956666 A 20110126	CN20101266980 20100822	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D9/00; F03D11/00; F16H57/04; H02K9/00; H02M1/00; H05K7/20	Wind generating set used in high-temperature environment
CN101956667 A 20110126	CN20101273774 20100906	HENGJIE ZHU	F03D9/00; F03D3/00; F03D3/04; F03D3/06; H02N11/00	Wind magnet comprehensive generating system
CN101956668 A 20110126	CN20101275435 20100901	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D9/00; F03D11/00; F16H57/04; H02K9/19	Wind power generator set for sharing water cooling heat radiating way
CN101956669 A 20110126	CN20101288815 20100921	SHENZHEN SUNTOP PHOTOELECTRICITY CO LTD	F03D9/00; F03D1/06; H02N15/00	Magnetic levitation wind driven generator
CN101956670 A 20110126	CN20101289808 20100917	QINGHAI WIND GENERATING POWER TECHNOLOGY DEV CO LTD	F03D9/00; F03D3/02; F03D3/06	Vertical axis wind turbine with multilayer wind wheels
CN101956671 A 20110126	CN20101502305 20100930	ANHUI CHIZHOU WANMEI ELECTRIC APPLIANCES FACTORY; ZHENGHUA HE	F03D9/00; F03D3/00; F03D3/06; F03D11/00	Blade-deflected wind power generation device
CN101956672 A 20110126	CN20101503197 20101012	YUANLIN ZHANG	F03D9/00; F03D3/06; F03D7/06; H02K7/116	Wind power generation method and device suitable for wide wind speed range

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CN101956673 A 20110126	CN20101509869 20101008	GUOCHENG WEI	F03D9/00; F03D3/00; F03D3/04; F03D3/06; F03D11/00; H02N6/00	Resistance-free wind power mechanism
CN101956674 A 20110126	CN20101518837 20101025	UNIV HUAZHONG SCIENCE TECH	F03D9/00; F03D5/00; F03D7/00; F03D11/00	Swing-sail type wind power generation assembly for use with medium and small wind speed
CN101956675 A 20110126	CN20101522549 20101028	KECHAO MA	F03D9/00; F03D1/06; F03D7/04; F04D19/00; F04D29/02	Jet-propelled wind driven generator
CN101956676 A 20110126	CN20091012524 20090714	XIQUAN GUO	F03D11/00; F16C23/00; F16C33/10	Static-dynamic pressure self-alignment type spindle oil film bearing of wind driven generator
CN101956760 A 20110126	CN20091055079 20090720	JIANYI TANG	F16C32/04; F03D11/00	Magnetic suspension bearing for horizontal axis wind driven generator
CN101957624 A 20110126	CN20101288900 20100921	ZHUZHOU ELECTRIC LOCOMOTIVE RES INST CO LTD	G05D27/02; F03D7/00	Method and system for controlling air dehumidifier of current transformer of wind power generator
CN101958559 A 20110126	CN20091157599 20090716	YULIN ZHU	H02J7/00; F03D9/00; F24J2/00; H02N6/00	Solar and wind power generating structure
CN101958631 A 20110126	CN20101284992 20100917	ZHONGHUA JIANG	H02K35/04; F03D3/00	Magnetic gravity generator
CN101958662 A 20110126	CN20091158998 20090714	DONGHUA YE	H02N6/00; F03D9/00; G05D3/00	Solar/wind power generating set

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CN101962729 A 20110202	US20090507885 20090723	GEN ELECTRIC [US]	C22C37/00; C22C37/10; C22C38/16; F03D11/00	Heavy austempered ductile iron components
CN101963127 A 20110202	CN20091161634 20090722; CN20101262346 20100720	XIAOPING WU; TIANZHEN LUO	F03D1/06	Wind power generation blade reinforcement technology
CN101963128 A 20110202	CN20101271398 20100903	SHIQUAN XU	F03D3/00; F03D3/06; F03D7/06; F03D9/00; F03D11/00	Wind turbine with adjustable frontal area and application thereof
CN101963129 A 20110202	CN20101292317 20100921	SHENZHEN FENGFA SCIENCE TECHNOLOGY DEV CO LTD	F03D3/00; F03D3/06	Vertical axis wind turbine
CN101963130 A 20110202	CN20101262920 20100826	HARBIN JIUZHOU ELECTRIC CO LTD	F03D7/00; H02P9/00; H04L12/40	Controller area network (CAN) open communication unit for double-feed wind power converter
CN101963131 A 20110202	CN20101296092 20100926	SHUNDE ZHANG	F03D7/00; H02K7/10	Yawing mechanism for wind driven generator, yawing control system and control method
CN101963132 A 20110202	CN20091012694 20090724	HUOJUN ZHANG	F03D9/00; F03D3/00; F03D3/06	Vertical shaft double-groove type wind power generation device
CN101963133 A 20110202	CN20091157756 20090724	ZHIMIN LIAN	F03D9/00; F03D3/00; F03D3/04; F03D3/06; F03D7/02	Boosting and wind-collection type wind turbine generator
CN101963134 A 20110202	CN20091157990 20090721	BEIJING LIFUHAITAI BIOTECHNOLOGY CO LTD	F03D9/00; F03D5/00	Power generating device using tailless rudder fan on moving object in mode of parallel connection
CN101963135 A 20110202	CN20091161242 20090724	CHINA NAT COAL GROUP CORP	F03D9/00; F03D5/00; F03D11/00	Ground slaving mechanism of flight wind power generator and ground transmission system

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CN101963136 A 20110202	CN20101288020 20100921	JIANGSU XINGHANG INTELLIGENT CONTROL TECHNOLOGY CO LTD	F03D9/00; F03D3/06; H02N6/00	Wind-solar hybrid generating system with solar panel protective device
CN101963137 A 20110202	CN20101502501 20101011	CHENGDU WESTERN TAILI CRANE CO LTD	F03D9/00; B66C19/00; F03D11/00	Wind power generation system with hoisting apparatus
CN101963138 A 20110202	CN20101521313 20101027	JIANMIN LI	F03D9/00; F03D5/00; F03D7/00	Aerial kite power generation method and equipment
CN101963139 A 20110202	CN20101525411 20101029	HARBIN INST OF TECHNOLOGY	F03D9/00; F03D3/00; F03D3/06; F03D7/06	Lift-drag composite vertical axis wind generator
CN101963319 A 20110202	CN20091144216 20090721	YISHU FANG	F21S9/04; F03D9/00; F21V23/00; H02J3/38	Wind power grid electric energy complementary street lamp lighting system
CN101963320 A 20110202	CN20101165780 20100505	NANTONG XINYING DESIGN SERV CO	F21S9/04; F03D1/06; F03D9/00	Rotating windmill lamp
CN101964532 A 20110202	CN20101273059 20100903	GUODIAN UNITED POWER TECHNOLOGY COMPANY LTD	H02J3/38; F03D7/00	Method for controlling low-voltage ride through of doubly-fed type wind generating set
CN101964533 A 20110202	CN20101273061 20100903	GUODIAN UNITED POWER TECHNOLOGY COMPANY LTD	H02J3/38; F03D7/00	Low voltage ride-through variable pitch control system for double-fed wind turbine generator unit
CN101964539 A 20110202	CN20101255134 20100814	DEC DONGFANG TURBINE CO LTD; DONGFANG ELECTRIC AUTO CONTROL ENGINEERING CO LTD	H02J9/04; F03D7/00; H02J7/00; H02P9/04	Relay protection device of variable pitch blade system of wind driven generator
CN101965452 A 20110202	WO2008US88186 20081223; US20080017728 20080122	PARKER DANIEL B	F03D1/02; F03D1/06; F03D11/00	Wind turbine blade assembly and apparatus

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CN101965453 A 20110202	WO2009EP01267 20090223; DE200810012956 20080306	REPOWER SYSTEMS AG [DE]	F03D7/00	Blade angle adjustment rate limit adjustment
CN101965455 A 20110202	WO2008DE01655 20081007; DE200710048377 20071009	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/00; F16C35/077	Bearing arrangement of a rotor hub for a wind power plant, and method for mounting the same
CN101965456 A 20110202	WO2010JP54057 20100310; JP20090098570 20090415	KANNON ENERGY CO LTD [JP]	F03G6/00; F01D15/10; F02C1/05; F03D9/00	Solar thermal power generation apparatus
CN101966965 A 20110209	CN20101525370 20101031	JIANGSU WENDE NEW ENERGY CO LTD	B66C1/22; B66C13/08; F03D11/00	Special hanger with guide cover wheel hub and turning and hanging method
CN101968030 A 20110209	CN20101505042 20100925	ZHONGSHENG ZHENG	F03D7/04	Swing limiting device of downwind type wind turbine flexible blade
CN101968031 A 20110209	CN20091157339 20090727	XINGUANG LIU	F03D9/00; F03D1/00; F03D11/00; H02N6/00	High-attitude solar energy and wind energy generating system
CN101968032 A 20110209	CN20101275419 20100907	GUODIAN UNITED POWER TECHNOLOGY COMPANY LTD	F03D9/00; G01R19/00; H02J3/38	Low voltage ride-through monitoring system for doubly-fed wind generator
CN101968033 A 20110209	CN20101503359 20101012	MINGHUA ZHU	F03D9/00; E04F17/04; F23J11/00; F24C15/20; F24F13/02; H05B3/14; H05B3/18	Building pipeline type wind power generation method
CN101968034 A 20110209	CN20101513078 20101020	RENLIN BAI	F03D9/00; F03D1/00; F03D1/04; F03D1/06	Wind power generator

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CN101968035 A 20110209	CN20101516281 20101022	YANGZHOU CITY JINZHENG ELECTROMECHANICAL MANUFACTURE CO LTD	F03D9/00; F03D3/04; F03D3/06	Crosswind type all-weather wind power generator
CN101968036 A 20110209	CN20101527562 20101026	DONGFANG STEAM TURBINE CO LTD OF DONGFANG ELECTRIC GROUP	F03D9/00; F03D11/00; F16D3/56	Direct-drive wind generator
CN101968037 A 20110209	CN20091104444 20090727	XIAOLAN TANG	F03D9/02	Environment-friendly wind power converter
CN101968038 A 20110209	CN20091112245 20090727	LIPING CHEN	F03D11/00; F03D9/00	Wind power generation device using springs for energy storage
CN101968039 A 20110209	CN20091055423 20090727	SHANGHAI INVEST DESIGN & RES INST	F03D11/04	Connecting structure between fan tower cylinder and pile foundation
CN101968042 A 20110209	CN20101511509 20101019	UNIV SUN YAT SEN; DONGGUAN UNIVERSITY OF TECHNOLOGY	F03G6/06; F01D15/10; F01K19/00; F01K23/02; F03D9/02; F03G6/02	Multistage full-effect solar heat power generation method
CN101968082 A 20110209	CN20101521742 20101027	SUZHOU HI TECH ZONE HEYUN EQUIPMENT DESIGN OFFICE	F16D3/16; F03D11/00	Universal parallel coupler
CN101968196 A 20110209	CN20101244105 20100727	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	F21S9/03; B66C23/62; F03D9/00; F21S9/04; F21V23/04; F21V23/06	Wind and light complementary power generation system applied to lighting device of building tower crane
CN101970331 A 20110209	WO2008IB50909 20080313	TECSIS TECNOLOGIA E SIST S AVA	B66C1/62; F03D1/06	Method and apparatus for handling aerogenerator blades
CN101970776 A 20110209	WO2009DK50035 20090205; DK20080000164 20080206	IB ANDRESEN IND AS [DK]	E04H12/08; F03D11/04	Tower element

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN101970832 A 20110209	WO2009EP52604 20090305; EP20080004589 20080312	SIEMENS AG [DE]	F02C1/05; F01K3/18; F03D9/02	Storage of electrical energy in a heat accumulator and reverse electrical energy production by means of a thermodynamic cycle
CN101970860 A 20110209	WO2009DE00488 20090408; DE200810021498 20080429	REPOWER SYSTEMS AG [DE]	F03D1/06	Method for establishing a blade connection of a rotor blade, a blade connection and a securing element for a blade connection
CN101970861 A 20110209	WO2008US69481 20080709; US20070958781P 20070709; US20080164305 20080630	WINDSIDE AMERICA	F03D3/02; F03D9/00	Linear power station
CN101970862 A 20110209	WO2009CA00963 20090710; US20080100269P 20080926	LOUIS LAM CHI HUNG; RONALD LAM CHUN YU	F03D3/06; F03D3/00; F03D7/06	Traverse axis fluid turbine with controllable blades
CN101970863 A 20110209	WO2009US30086 20090105; US20080012503 20080201	WINDSIDE AMERICA	F03D5/00; F03D11/00	Fluid rotor
CN101970864 A 20110209	WO2009DE00342 20090310; DE200810013926 20080312	VENSYS ENERGY AG	F03D7/02	Device for adjusting the angle of attack of a rotor blade of a wind power plant
CN101970865 A 20110209	WO2009JP59261 20090520	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	Wind turbine generator and control method thereof
CN101970866 A 20110209	WO2009EP51968 20090219; DK20080000342 20080307; US20080034662P 20080307	VESTAS WIND SYS AS [DK]	F03D7/04	A control system and a method for redundant control of a wind turbine

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CN101970867 A 20110209	WO2009IB50578 20090212; US20080028545P 20080214; US20080043138P 20080408; US20080058235P 20080603; US20080089914P 20080819	DANIEL FARB	F03D9/00	Flow deflection device construction
CN101970868 A 20110209	WO2009EP00398 20090122; EP20080150566 20080123	FLEXENCLOSURE AB [SE]	F03D9/02; F03D9/00; H01M10/50; H05K7/20	Method and device for controlling operation of a power supply system
CN101970869 A 20110209	WO2009DE00099 20090128; DE200810006766 20080130; DE200810012664 20080305; DE200810037768 20080814	REPOWER SYSTEMS AG [DE]	F03D11/00	Wind turbine tower or a segment of a wind turbine tower with a door having a door frame
CN101971109 A 20110209	WO2009EP52662 20090306; DK20080000341 20080307; US20080034521P 20080307	VESTAS WIND SYS AS [DK]	G05B9/03; F03D7/04	A method and a control system for controlling a wind turbine
CN101971728 A 20110216	CN20101507258 20101015	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01C7/08; C25B1/04; F03D9/00; H01M8/06	Power device for applying wind-hydrogen new energy to paddy planter

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CN101971732 A 20110216	CN20101268436 20100824	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D41/02; A01D43/063; F03D9/00; H02J7/00	Harvester with power device based on new energy source complementation of wind power and lithium ion battery
CN101971734 A 20110216	CN20101274725 20100828	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D41/02; A01D69/02; C25B1/04; F03D9/00; H01M8/06	Harvester using new wind-hydrogen energy source as power device
CN101971739 A 20110216	CN20101506074 20100926	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D45/02; A01D43/063; A01F11/06; A23B9/08; C25B1/04; F03D9/00; H01M8/06	Corn harvester using wind hydrogen new energy resource as power device
CN101971742 A 20110216	CN20101286562 20100911	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D46/10; A01D46/14; F03D9/00	Power device of wind powered generation system applied to electric cotton picking machine
CN101971743 A 20110216	CN20101286815 20100915	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D46/10; A01D46/14; C25B1/04; F03D9/00; H01M8/06	Power device applying wind-hydrogen new energy on cotton picking machine
CN101971748 A 20110216	CN20101507329 20101015	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	A01D69/02; A01D34/68; C25B1/04; F03D9/00; H01M8/06	Power device applying wind-hydrogen new energy resource to gardening mower
CN101973492 A 20110216	CN20101513978 20101021	XIAOHAN DONG	B66C23/62; B66C23/36; F03D11/00	Follow-up wind power hoist
CN101975139 A 20110216	CN20101543243 20101115	WENQING WANG	F03D1/06	Scale combined blades

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CN101975140 A 20110216	CN20101274742 20100908	UNIV NANJING AERONAUTICS	F03D7/00	Power feedback-based full wind speed range operating control strategy for wind generating set
CN101975141 A 20110216	CN20101512902 20101020	CHINA EPRI SCIENCE & TECHNOLOGY CO LTD; CHINA ELECTRIC POWER RES INST	F03D7/00; F03B13/06; F03B15/00	Offshore wind power/frequency control method
CN101975142 A 20110216	CN20101541671 20101112	BEIJING HUADIAN TIANREN POWER CONTROL TECHNOLOGY CO LTD	F03D7/00	Active pitch control system of wind driven generator with special working condition processing logic
CN101975143 A 20110216	CN20101550525 20101119	NINGBO GINLONG TECHNOLOGIES CO LTD	F03D7/00	Stabilized-speed pitch control device of wind-driven generator
CN101975144 A 20110216	CN20101548308 20101117	ZIGENG LI	F03D7/06	Intelligent vertical wind driven generator blade adjusting device and adjusting method
CN101975145 A 20110216	CN20101513069 20101020	MIANZHANG ZHONG	F03D9/00; F03D3/04; F03D3/06; F24J2/48	Solar and wind driven generator
CN101975146 A 20110216	CN20101540879 20101112	HUNAN INST OF ENGINEERING	F03D11/00	Hybrid wing blade of wind-driven generator
CN101975147 A 20110216	CN20101549043 20101118	NINGBO GINLONG TECHNOLOGIES CO LTD	F03D11/04	Scissor-type wind power tower and installation method thereof
CN101975268 A 20110216	DE200810063868 20081219	WINERGY AG [DE]	F16H57/04; F03D1/00	Planet gear transmission device for wind power generating device
CN101975338 A 20110216	CN20101516564 20101021	WUXI LED TRUST PHOTONIC TECHNOLOGY CO LTD	F21L4/00; F03D3/00; F03D9/00; F21L13/00; F21V17/00; F21V19/00; F21V23/04; F21V23/06	Light-emitting diode wind camping lamp
CN101976853 A 20110216	CN20101538149 20101109	JIANZHOU ZHANG	H02J3/38; F02B63/04; F03D9/00	Wind power hydrogen production regulation, control and grid-connection system

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CN101976986 A 20110216	CN20101553641 20101122	UNIV SHENYANG TECHNOLOGY	H02N6/00; F03D9/00; H02J7/00	Independent power supply system based on multi-energy hybrid power generation
CN101977465 A 20110216	CN20101523563 20101029	UNIV SHANGHAI JIAOTONG	H05B37/02; F03D7/00; F03D9/00; H02H9/04; H02H11/00; H02N6/00	Wind-light complementary streetlight system of off-grid type
CN101978005 A 20110216	WO2009US35041 20090225; US20080032529P 20080229; US20090391463 20090224	PPG IND OHIO INC	C09D127/12; C09D163/00; C09D175/02; C09D175/04; F03D1/00	Composites comprising a multi-layer coating system
CN101978160 A 20110216	WO2008US12584 20081106; US20070001999P 20071106	FLEXSYS INC [US]	F03B3/12; F03B7/00; F03D11/02	Active control surfaces for wind turbine blades
CN101978161 A 20110216	WO2009JP58790 20090430; JP20080278643 20081029	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	Wind power generator, and control method therefor
CN101978170 A 20110216	WO2008SE00738 20081219; SE20080000187 20080125	SKF AB [SE]	F04D29/36; B63H3/00; B64C11/32; F03D7/02	Device for changing a pitch of a blade of an impeller/propeller and a fan comprising the device
CN101979868 A 20110223	CN20101530066 20101103	SHANGHAI ELECTRIC HYDRAULICS AND PNEUMATICS CO LTD	F03D7/00; F15B11/16	Spindle brake device for wind power generation hydraulic system
CN101979869 A 20110223	CN20101530067 20101103	SHANGHAI ELECTRIC HYDRAULICS AND PNEUMATICS CO LTD	F03D7/00; F15B11/02	Yaw brake device of wind power generation hydraulic system

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CN101979870 A 20110223	CN20101530082 20101103	SHANGHAI ELECTRIC HYDRAULICS AND PNEUMATICS CO LTD	F03D7/00; F15B1/02; F15B11/02; F15B21/04	Wind power generation hydraulic system
CN101979871 A 20110223	CN20101509855 20101018	HARBIN INST OF TECHNOLOGY	F03D9/00; H05B6/00	Wind energy heating device
CN101979872 A 20110223	CN20101521973 20101022	DALIAN HUARUI CO LTD	F03D11/00; F16H57/04	Lubricating system for gear box of wind generating set
CN101979890 A 20110223	CN20101521703 20101027	SUZHOU HI TECH DISTR HEYUN EQUIPMENT DESIGN OFFICE	F16D3/26; F03D11/00; F16D3/44	Universal orthogonal coupler
CN101979934 A 20110223	CN20101288877 20100921	MINGHUA ZHU	F24J2/00; F03D9/00; F24F12/00; F24J2/46; F24J2/48; F24J2/50	Complementary water heater of hot gas energy of air conditioner and kitchen and luminous energy
CN101981306 A 20110223	WO2008IB02462 20080922; IT2007TO00666 20070924	BLUE H INTELLECTUAL PROPERTIES	F03D1/00; F03D1/06; F03D11/04	Conversion system of off-shore wind energy suitable for deep water
CN101981307 A 20110223	WO2009JP01562 20090403; JP20080098819 20080405	YASUNOBU TONEAKI	F03D5/06; F03D7/00; F03D9/00	Power generator
CN101981308 A 20110223	WO2009JP62624 20090710; JP20080215769 20080825	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00	Device, method and program for adjusting restriction on operation of windmill
CN101981309 A 20110223	WO2009IB06642 20090826; US20090211833P 20090402	CLIPPER WINDPOWER INC [US]	F03D7/02; F16D65/12	Serviceable yaw brake disc segments without nacelle removal
CN101981310 A 20110223	WO2009JP60322 20090605	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; H02H5/04	Wind power generator and control method thereof and wind power generation system

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CN101981311 A 20110223	WO2009JP57324 20090410	mitsubishi heavy ind ltd [JP]	F03D7/04; F03D11/00	Pitch drive of wind power generator and wind power generator
CN101981313 A 20110223	WO2008JP62183 20080704	mitsubishi heavy ind ltd [JP]	F03D11/00	Wind-power generation device
CN101981314 A 20110223	WO2008JP69805 20081030; JP20080193948 20080728	mitsubishi heavy ind ltd [JP]	F03D11/00	Wind-driven electric power generator
CN101981315 A 20110223	WO2009JP57753 20090417	mitsubishi heavy ind ltd [JP]	F03D11/02; F03D7/04	Pitch driver of wind turbine generator and wind turbine generator
CN101982716 A 20110302	CN20101530708 20101103	SHANGHAI GHREPOWER GREEN ENERGY CO LTD	F25B27/00; F02B63/04; F03D9/00; F25B29/00	Wind generating compressor refrigerating and heating system
CN101983287 A 20110302	WO2008DK50327 20081219; DK20070001863 20071221; US20070015979P 20071221	VESTAS WIND SYS AS [DK]	F03D1/00; B66C23/20; E04H12/34	A method for handling and/or servicing components of a wind turbine and a gripping apparatus for performing the method
CN101984253 A 20110309	CN20101140707 20100329	SHUQI HOU	F03D3/06; F03D3/00	Spine line blade lift wind rotor of vertical shaft wind engine
CN101984254 A 20110309	CN20101554642 20101123	YAOMING WU	F03D9/00; F03D3/06; F03D11/04	Low-speed wind turbine generator
CN101985915 A 20110316	CN20091055540 20090729	WENYU ZHANG; ZHANG QIANG; WU CHENXIA; ZHANG MINGDI	F03D9/00; F03D3/00; F03D3/06; F03D11/00; F03D11/04	Vertical axis wind power generation windmill
CN101985916 A 20110316	US20100901529 20101010	HK APPLIED SCIENCE & TECH RES	F03D9/00; F03D3/00; F03D3/04	Wind collecting device

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CN101985917 A 20110316	CN20101506445 20101008	CCCC FIRST HARBOR ENGINEERING CO LTD; NO 3 ENGINEERING COMPANY LTD OF CCCC FIRST HARBOR ENGINEERING CO LTD	F03D11/04; B66C5/10; B66C23/00; B66C23/62; B66C23/64	Splitting installation and construction method of marine wind generating set and equipment thereof
CN101988465 A 20110323	CN20091183624 20090731	YANGZHOU SHENZHOU WIND DRIVEN GENERATOR CO LTD	F03D1/00; F03D11/00	Machine head positioning device of wind driven generator
CN101988466 A 20110323	CN20091063426 20090804	JIHUI JIANG	F03D1/06	Fully windward flanged axial flow wind power generating impeller and performance curve analysis and calculation method thereof
CN101988467 A 20110323	CN20091055747 20090731	NAISHENG ZHU	F03D3/00; F03D3/04; F03D3/06	Tubular air rise-driven rotary power device
CN101988468 A 20110323	CN20091109267 20090807	ZHIMIN LIAN	F03D9/00; F03B13/26; F03D3/00	Sea vertical axis hoistable combined type generating platform
CN101988469 A 20110323	CN20091109269 20090806	YIQUN XU	F03D9/00; F03D5/00	Wind power generation device of gas filling body
CN101988470 A 20110323	CN20091161876 20090805	CHINA NAT COAL GROUP CORP	F03D9/00; F03D5/06; F03D11/00	Floating wind energy receiving device
CN101988471 A 20110323	CN20091162033 20090807	DEHENG WANG	F03D9/00; F03D7/00; F03D11/00; H02J7/00	Method for reducing rotational resistance of blades of wind driven generator and power steering system for rotation of blades
CN101988472 A 20110323	CN20091183623 20090731	YANGZHOU SHENZHOU WIND DRIVEN GENERATOR CO LTD	F03D9/00; F03D1/00; F03D11/00; F16H1/20	Wind driven generator
CN101988473 A 20110323	CN20091305026 20090730	SHANJUN SUN	F03D9/00; F24F7/06	Pneumatic fan
CN101988475 A 20110323	CN20101538560 20101110	XIAOCHUN MA	F03D9/00; F03D1/06; F03D11/00	Variable-pitch wind turbine

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CN101988476 A 20110323	CN20101561412 20101127	ZHENLIN CAI	F03D9/00; F03D1/06; F03D11/00; H02K1/17	Wind-driven generator
CN101988478 A 20110323	CN20091183622 20090731	YANGZHOU SHENZHOU WIND DRIVEN GENERATOR CO LTD	F03D11/00; F16D55/226; F16D65/092; F16D65/20	Soft brake device of aerogenerator
CN201695708 U U 20110105	CN20102177742U 20100428	HANG ZHOU STATE POWER ENERGY ENVIRONMENT DESIGN AND RES CO LTD	E04H1/12; F03D9/00; H02N6/00	Wind-solar integrated newspaper and magazine stand
CN201696212 U U 20110105	CN20102060642U 20100110; CN20102226870U 20100603	ZENGSHANG YOU	F03D3/00; F03D3/04; F03D3/06	Horizontal wind mill
CN201696213 U U 20110105	CN20102142075U 20100326	ZHENHUA SHEN	F03D3/04	Resistance type vertical axis wind mill synergistic device
CN201696214 U U 20110105	CN20092250319U 20091113	UNIV TIANJIN	F03D3/06	Wind-driven rotor of horizontally rotating wind-driven generator set
CN201696215 U U 20110105	CN20102233376U 20100612	SHULI LIN	F03D3/06; F03B3/14	Hydraulic power-wind power dual-purpose generator impeller
CN201696216 U U 20110105	CN20102143882U 20100327	CHANGYI FUAO WIND ENERGY RES INST	F03D7/02	Lateral deviation regulating device of wind power generator
CN201696217 U U 20110105	CN20102225696U 20100613	HANG DING; JIANQING ZHANG	F03D7/04	Self-directing protector for chain driven type wind turbine generator
CN201696218 U U 20110105	CN20092141326U 20090917	SHENZHEN YUEHUA ELECTROMECHANICAL TECHNOLOGY DEV CO LTD	F03D9/00; F03D1/00; F03D1/02; F03D7/04	Double-wind-wheel wind turbine with adjustable phase
CN201696219 U U 20110105	CN20092141327U 20090917	SHENZHEN YUEHUA ELECTROMECHANICAL TECHNOLOGY DEV CO LTD	F03D9/00; F03D1/00; F03D1/06; F03D11/02; H02K7/18	Wind machine with hydraulic pressure power-driven system

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CN201696220 U U 20110105	CN20102142421U 20100326	SHANGHAI GHREPOWER GREEN ENERGY CO LTD	F03D9/00; E04H12/00; E04H12/10; F03D3/06	Vertical axis wind generating set for communication tower frame
CN201696221 U U 20110105	CN20102152098U 20100401	AIMOSHENG NETWORK ENERGY CO	F03D9/00; H02N6/00	Wind solar hybrid generation system
CN201696222 U U 20110105	CN20102153905U 20100408	UNIV NORTHWESTERN POLYTECHNIC	F03D9/00; F03D1/02	Disrotatory wind powered generator with front wind wheel and back wind
CN201696223 U U 20110105	CN20102166960U 20100421	UNIV SOUTHEAST	F03D9/00; H02J15/00	DC side integrated superconductive magnet energy-storing current source type wind energy converter
CN201696224 U U 20110105	CN20102167812U 20100415	QINGDAO EASYTOUSE ELECTRONICS CO LTD; TINGYONG LI	F03D9/00; F03D3/00; H02N6/00	Wind and solar complementary power supply device
CN201696225 U U 20110105	CN20102170875U 20100421	XIAOLIAN ZHUO	F03D9/00; F03D3/00; F03D3/06; H02N6/00; H02N11/00	Multiple clean energies cooperating generator
CN201696226 U U 20110105	CN20102216036U 20100604	XIAOPING AO; XIANGLI SHU	F03D9/00	Light-breeze reversible type wind powered generator
CN201696227 U U 20110105	CN20102218365U 20100531	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D1/00; G01V1/18	Wind power generation system power supply device applied to earthquake forecast instrument
CN201696228 U U 20110105	CN20102229460U 20100613	JIANHONG CHEN	F03D9/00; H02K7/18	Generating mechanism
CN201696229 U U 20110105	CN20102245222U 20100615	YINGZHI MENG	F03D9/00; F03D1/00; F03D1/04; F03D7/04	Improved device capable of increasing efficiency of blower or wind turbine generator
CN201696230 U U 20110105	CN20102258982U 20100706	UNIV BEIJING CHEMICAL	F03D9/00; F03D3/04; F03D3/06; H02N6/00	Wind-light tower type power generating device

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CN201696231 U U 20110105	CN20102292666U 20100816	XUZHEN LI; XIAOJIA WANG	F03D9/00; F03D1/06; F03D11/00; H02J7/00; H02N6/00	Portable wind energy and photovoltage complementary power station
CN201696232 U U 20110105	CN201029251026U 20100208	XIANGYI XUE	F03D9/00; F03D11/00	Three-dimensional wind energy power station
CN201696233 U U 20110105	CN20102161251U 20100416	SHENYANG TEWIN NEW ENERGY EQUIPMENT CO LTD	F03D11/00; F16C33/78; F16C33/80	Main shaft system bearing sealing structure of megawatt double-fed asynchronous variable-speed wind generator
CN201696234 U U 20110105	CN20102232943U 20100612	SINOVEL WIND GROUP CO LTD [CN]	F03D11/00; F03D1/00	Engine room cover of horizontal axis wind generating set
CN201696235 U U 20110105	CN20102171738U 20100416	TONGYI SUN	F03D11/02; F03D11/00	Power-holding generating set
CN201696236 U U 20110105	DK20080001710 20081204; US20080119825P 20081204	VESTAS WIND SYS AS [DK]	F03D11/04	Tower section and plate slab for same
CN201697022 U U 20110105	CN20102135400U 20100319	XINMING YAN	F21S9/02; F03D3/00; F03D11/00; F21S9/04; F21V23/00	Novel wind power generation lighting device
CN201698685 U U 20110105	CN20102234973U 20100617	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	G09F11/10; F03D9/00; H02N6/00	Rotary display device of independent illumination advertising lamp box characterized by complementation of wind-powered electricity generation and photovoltaic electricity generation
CN201698687 U U 20110105	CN20102230919U 20100613	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	G09F13/02; F03D9/00; G09F13/22	Energy-saving lighting billboard taking wind power generation system as power supply
CN201704643 U U 20110112	CN20102165250U 20100420	SHIRONG ZHENG	E01F9/015; E01F7/06; F03D9/00; G08B5/36	Wind power generation road warning unit

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CN201704999 U U 20110112	CN20102105152U 20100127	HAIBO HUANG	E04H12/00; F03D9/00; H01Q1/22; H01Q3/08; H02N6/00	Wind-light complementary street lamp type intelligent communication post system
CN201705533 U U 20110112	CN20102222265U 20100604	YICHUAN HU	F03B13/00; F03B15/02; F03D3/04; F03D7/06; F03D9/00	Generating device
CN201705534 U U 20110112	CN20102242102U 20100630	YUE CAO	F03B13/00; F03B3/12; F03D1/06; F03D9/00	Water-powered/wind-powered micro-generator
CN201705545 U U 20110112	CN20102203817U 20100524	ZHEJIANG FUSHI ELECTRIC APPLIANCE CO LTD	F03D1/06	Driver of wind driven generator
CN201705546 U U 20110112	CN20102239894U 20100623	XIAOYI FU; JIAN FU	F03D1/06	Fan blade structure of wind driven generator
CN201705547 U U 20110112	CN20102182309U 20100507	SILONG HA	F03D3/00; F03D3/06; F03D11/00	Horizontal-rotating wind driven generator
CN201705548 U U 20110112	CN20102195069U 20100428	TRUE TEN IND CO LTD	F03D3/04; F03D3/06	Structure of guide vane
CN201705549 U U 20110112	CN20102242431U 20100630	DAHUI ZHANG; GUOXIN ZHANG	F03D3/04; F03D3/06	Enhancement pneumatic type wind generator
CN201705550 U U 20110112	CN20102232838U 20100613	DONGJIANG LIU	F03D3/06	Vertical blade of vertical-axis direct-driven permanent magnet wind generating set
CN201705551 U U 20110112	CN20102242415U 20100630	DAHUI ZHANG; GUOXIN ZHANG	F03D3/06; F03D7/06	Wind driven generator with blade angle self-adjustment function
CN201705552 U U 20110112	CN20102218326U 20100608	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Manual driving device of speed reducer
CN201705553 U U 20110112	CN20102226906U 20100617	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Intelligent variable propeller pitch control system for megawatt wind generating set
CN201705554 U U 20110112	CN20102233296U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Blade installation regulation control system for wind driven generator

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CN201705555 U U 20110112	CN20102253355U 20100709	BEIJING CHUANGHE CENTURY COMM TECHNOLOGY CO LTD	F03D7/00	Wind power generator system and wind power generator braking system
CN201705556 U U 20110112	CN20102233260U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/02	Intelligently controlled wind driven generator braking system
CN201705557 U U 20110112	CN20102135715U 20100319	LIXIN LIN	F03D9/00; F03D3/04; H02K1/16; H02K1/27	Vertical coaxial combined-type wind-driven generator
CN201705558 U U 20110112	CN20102140167U 20100325	JINGYI WU	F03D9/00; F03D1/02	Reverse rotor opposite-output wind-gathering power generation system
CN201705559 U U 20110112	CN20102187423U 20100511	JINHUI LIU	F03D9/00; F03D1/06; F03D11/00	Gentle wind power generator
CN201705560 U U 20110112	CN20102190539U 20100514	SHENYANG XINDONGFANG MACHINERY CO LTD	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Vertical shaft wind-power generation equipment
CN201705561 U U 20110112	CN20102193436U 20100514	QUANSHENG JI	F03D9/00; F03D1/00; H02K5/16	Horizontal-shaft wind power generator added with radial permanent-magnet magnetic load bearing
CN201705562 U U 20110112	CN20102196487U 20100517	ZHONGNENG POWER TECHNOLOGY DEV CO LTD	F03D9/00	Wind farm power ration statistical device
CN201705563 U U 20110112	CN20102201910U 20100525	SHENYANG HUAREN WIND POWER TECHNOLOGY CO LTD	F03D9/00; F03D11/00	Independently-disassembled offshore wind turbine generator system
CN201705564 U U 20110112	CN20102206968U 20100528	DAHUI ZHANG; GUOXIN ZHANG	F03D9/00; F03D1/04; F03D1/06	Variable-wind-speed cylindrical wind driven generator
CN201705565 U U 20110112	CN20102207495U 20100528	XEMC WINDPOWER CO LTD	F03D9/00; F03D11/00	Engine room guide cooling device of wind turbine generator system
CN201705566 U U 20110112	CN20102223555U 20100611	GUOFU LI	F03D9/00; F03D3/06	Wide-mouth wind-collecting tube wind power generator
CN201705567 U U 20110112	CN20102231074U 20100621	SHEPING LI	F03D9/00; F03D3/06	Multi-blade vertical vortex wind power machine

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CN201705568 U U 20110112	CN20102232814U 20100613	DONGJIANG LIU	F03D9/00; F03D3/06; F03D11/00	Vertical-shaft direct-drive permanent magnet low-carbon wind power generator unit
CN201705569 U U 20110112	CN20102235647U 20100624	SHANDONG RUIQINENG ELECTRIC CO LTD	F03D9/00; F03D1/00; F03D1/06	Dual balanced wind power generator
CN201705570 U U 20110112	CN20102235648U 20100624	SHANDONG RUIQINENG ELECTRIC CO LTD	F03D9/00; F03D1/02; H02K7/18	Multimachine series wind driven generator
CN201705571 U U 20110112	CN20102239892U 20100623	XIAOYI FU; JIAN FU	F03D9/00; F03D1/02	Wind driven generator
CN201705572 U U 20110112	CN20102246961U 20100702	CHONGQING JINGQING HEAVY MACHINERY CO LTD	F03D9/00; F03D3/06; F03D11/00	Spiral blade type wind driven generating device
CN201705573 U U 20110112	CN20102246966U 20100702	CHONGQING JINGQING HEAVY MACHINERY CO LTD	F03D9/00; F03D3/04; F03D3/06; F03D11/00; F03D11/04	Wind power generating device
CN201705574 U U 20110112	CN20102250473U 20100707	XEMC WINDPOWER CO LTD	F03D9/00; H02G3/00	Cable wiring device of wind driven generator
CN201705575 U U 20110112	CN20102227408U 20100617	ZHENGDE WANG	F03D9/02; H02K7/18	Energy-storage type wind power generating system
CN201705576 U U 20110112	CN20102242422U 20100630	DAHUI ZHANG; GUOXIN ZHANG	F03D9/02; F03D3/00	Hydraulic transmission speed change frequency stabilization windmill generator
CN201705577 U U 20110112	CN20102032812U 20100107	SHANGHAI GELIN ELECTROMECHANICAL TECHNOLOGY CO LTD; JIANGSU TIANDI WIND POWER EQUIPMENT CO LTD	F03D11/00	Fan blade with stream-lined tail section
CN201705578 U U 20110112	CN20102136146U 20100319	KUNSHAN HUAFENG WIND POWER GENERATION AND TECHNOLOGY CO LTD	F03D11/00; H02G13/00	Lightning arrester of wind generating set

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CN201705579 U U 20110112	CN20102200206U 20100521	SHANGHAI HIGHLY AUTOMATIC ELECTRIC CO LTD	F03D11/00; F01P5/12	Connection structure of pressure tank inside wind power generation cabin
CN201705580 U U 20110112	CN20102200271U 20100524	XEMC WINDPOWER CO LTD	F03D11/00; F16D55/00	Wind-driven generator room brake
CN201705581 U U 20110112	CN20102212035U 20100601	SHANGHAI AEOLON WIND ENERGY TECHNOLOGY DEV CO LTD	F03D11/00	Positioning device of wind driven generator blade intermediate lightning arrestor
CN201705582 U U 20110112	CN20102213729U 20100603	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Cable cover device of wind power generator
CN201705583 U U 20110112	CN20102226908U 20100617	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Cabin shell supporting frame
CN201705584 U U 20110112	CN20102226910U 20100617	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00; H02G3/00; H02K3/00	Wind drive generator unit cabin wiring structure
CN201705585 U U 20110112	CN20102226921U 20100617	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Layout setting structure inside cabin of wind driven generator
CN201705586 U U 20110112	CN20102233140U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00; F16F15/04	Flexible connection structure of tower of wind turbine generator system
CN201705587 U U 20110112	CN20102233143U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00; H01T19/04	Lightning stroke recording device for wind driven generator blade
CN201705588 U U 20110112	CN20102233180U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Wind driven generator room and hub supporting structure
CN201705589 U U 20110112	CN20102233247U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Generator supporting structure of wind power generating unit
CN201705590 U U 20110112	CN20102233275U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Hub natural ventilating and filtering structure
CN201705591 U U 20110112	CN20102248396U 20100624	SANYI ELECTRIC CO LTD [CN]	F03D11/00	Wind turbine generator system and vane assembly thereof
CN201705592 U U 20110112	CN20102186508U 20100512	ZHUZHOU CHINA SWELL INDUSTRY CO LTD	F03D11/04; F03D7/00; F03D11/02	Yawing speed reducer for wind power generation
CN201705593 U U 20110112	CN20102190968U 20100510	SANYI ELECTRIC CO LTD [CN]	F03D11/04; F03D11/00	Wind turbine generator system

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CN201705594 U U 20110112	CN20102233119U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/04	Foundation reinforcing cage of wind generating set
CN201705595 U U 20110112	CN20102233264U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/04	Front-back bearing assembling structure for low speed shaft of wind generating set
CN201706371 U U 20110112	CN20102102907U 20100125	SILIAN YANG	F21S9/03; F03D9/00; F21S9/04; F21V23/00	Novel wind and solar hybrid illuminating streetlight
CN201707869 U U 20110112	CN20102147357U 20100308	TIELIU FENG	G09F19/00; F03D11/00	Dynamic guide board of wind energy LED simulated public line
CN201707871 U U 20110112	CN20102231105U 20100611	ZKENERGY TECHNOLOGY CO LTD	G09F19/00; F03D9/00; H02J7/00	Bus stop board
CN201708487 U U 20110112	CN20102186257U 20100511	JIANGSU YUJIE STEEL MACHINE CO LTD	H02G3/00; F03D11/00; H02G3/04	Cable fixing device for wind power generation tower
CN201708555 U U 20110112	CN20092204018U 20090821	JIANPING YU	H02J7/00; F03D9/00; H02N6/00	Wind-light complementary energy storage system
CN201708564 U U 20110112	CN20102215640U 20100604	UNIV SHENYANG TECHNOLOGY	H02J7/00; F03D9/00; H02N6/00	Off-network type wind and light-combined generating system based on optimum generated energy matching
CN201708625 U U 20110112	CN20102241562U 20100629	JIANGXI TAIHAO SPECIAL ELECTRIC MACHINE CO LTD	H02K5/16; F03D11/00	Shaft current prevention device of electric generator
CN201708628 U U 20110112	CN20102236163U 20100624	SHANDONG RUIQINENG ELECTRIC CO LTD	H02K5/18; F03D9/00	Vane type wind turbine
CN201708737 U U 20110112	CN20102170578U 20100419	JINGMING LI	H02N6/00; F03D9/00; H02J7/00; H02J9/00	Vehicular wind-solar generation device
CN201713254 U U 20110119	CN20102127348U 20100223	QINGDAO WINON TECHNOLOGY CO LTD	B66D3/04; F03D11/00	Lifting system used on pole and pole system

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CN201713775 U U 20110119	CN20102193073U 20100518	YONGHAN LI; JINBO LIU; BAOFU CAI	E01F15/04; F03D1/00; F03D1/04; F03D1/06; F03D9/00	Highway isolation guard rail with power generation capacity
CN201714432 U U 20110119	CN20102216293U 20100606	UNIV HUAZHONG SCIENCE TECH	F01D15/10; F03D9/00; F23C9/00; F23L7/00; H02N6/00	Oxygen-enriched combustion coal-fired generating system of solar energy-wind energy integrated power generating set
CN201714563 U U 20110119	CN20102140123U 20100325	GAOAN IND CO LTD	F03D1/06; F03D11/00	Mechanism for automatic variable pitch angle of blades of horizontal axis wind driven generator
CN201714564 U U 20110119	CN20102190107U 20100514	YONGSHENG ZHAO	F03D3/00; F03D7/06; F03D11/02	Variable angle fan blade control device
CN201714565 U U 20110119	CN20102153001U 20100408	HONGJIAN WANG	F03D3/04	Wind-collecting wind power generation unit
CN201714566 U U 20110119	CN20102206702U 20100528	YONGSHENG ZHAO	F03D3/06; F03D7/06; F03D9/00	Wind turbine generator with cage-type vanes
CN201714567 U U 20110119	CN201029166040U 20100208	NAT WIND ENERGY CO LTD	F03D3/06	Wind wheel supporting rod structure of vertical-axis wind turbine
CN201714568 U U 20110119	CN20102142616U 20100326	JINHUA ZHONGLI ENERGY TECHNOLOGY CO LTD	F03D7/00	Wind driven generator control system
CN201714569 U U 20110119	CN20102142658U 20100326	JINHUA ZHONGLI ENERGY TECHNOLOGY CO LTD	F03D7/00	Power distribution and control system of wind driven generator
CN201714570 U U 20110119	CN20102171289U 20100426	CHINA HUADIAN ELECTRIC RES INST	F03D7/00	Multifunctional wind turbine unit safety monitoring and fault diagnosis device
CN201714571 U U 20110119	CN20102273953U 20100728	XEMC WINDPOWER CO LTD	F03D7/00	Wind-driven generator hydraulic integrated brake system
CN201714572 U U 20110119	CN20102205425U 20100527	YONGSHENG ZHAO	F03D7/06; F03D3/06	Pull-rod fan blade angle control device and coaxial double-layer fan blade structure

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CN201714573 U U 20110119	CN20092232138U 20090918	NANJING YONGLE PHOTOVOLTAIC SCIENCE AND TECHNOLOGY CO LTD	F03D9/00; F03D3/00; F03D3/04; F03D3/06	Speed-increase horizontal type wind power generation device
CN201714574 U U 20110119	CN20102105122U 20100201	DAI NING; JIAN DAI	F03D9/00; F03D5/00; F03D7/00	High-efficiency high-altitude kite electric generator
CN201714575 U U 20110119	CN20102142607U 20100326	JINHUA ZHONGLI ENERGY TECHNOLOGY CO LTD	F03D9/00; H02H7/09; H02P9/08	Two-stage control system for wind power generator
CN201714576 U U 20110119	CN20102156844U 20100408	JIN LUN	F03D9/00; H02K11/00	Experimental device for wind power generation rectification and inversion
CN201714577 U U 20110119	CN20102161253U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D9/00; F03D1/06; F03D7/04	Small wind driven generator
CN201714578 U U 20110119	CN20102196677U 20100513	PING XU	F03D9/00; F03D3/06; H02N6/00	Wind driven generator and wind-solar hybrid generator row
CN201714579 U U 20110119	CN20102208742U 20100531	JINQIAO GUI	F03D9/00; F03D1/06	Novel wind power generation power device
CN201714580 U U 20110119	CN20102210051U 20100528	SHENZHEN DAXIA TECHNOLOGY CO LTD	F03D9/00; F03D3/00	Electric energy acquisition device
CN201714581 U U 20110119	CN20102219396U 20100601	QUANXING XU	F03D9/00; F03D1/00	Umbrella-shaped wind driven generator
CN201714582 U U 20110119	CN20102223827U 20100611	YUHUI LIN	F03D9/00	Vertical shaft wind power generation device
CN201714583 U U 20110119	CN20102241106U 20100629	ZHIWEI MIAO	F03D9/00; H02J7/00	Wind power generation device
CN201714584 U U 20110119	CN20102250127U 20100707	SHAN DONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	F03D9/00; F03D1/06; F16C32/04	Novel magnetic suspending wind power generator
CN201714585 U U 20110119	CN20102265290U 20100720	HANGZHOU TENGXIANG ENERGY SCIENCE AND TECHNOLOGY CO LTD	F03D9/00; F03D1/00; F03D1/06	Non-tailstock wind driven generator

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CN201714586 U U 20110119	CN20102266817U 20100720	CSIC CHONGQING HAIZHUANG WINDPOWER EQUIPMENT CO LTD	F03D9/00; B01D46/00; F03D1/04; F03D1/06; F03D7/04; F03D11/00	Offshore wind power generation system
CN201714587 U U 20110119	CN20102249814U 20100706	UNIV SOUTH CHINA TECH	F03D9/02; F03D3/00	Auxiliary starting device of spring of wind driven generator
CN201714588 U U 20110119	CN20092214945U 20091231	LICANG WIND POWER EQUIPMENTS SHANGHAI CO LTD	F03D11/00; H01T19/04	Protecting sleeve of wind power blade tip lightning arrester
CN201714589 U U 20110119	CN20092286765U 20091230	LICANG WIND POWER EQUIPMENTS SHANGHAI CO LTD	F03D11/00; F03D11/04	Wind turbine blade root T-shaped bolt fastening belt
CN201714590 U U 20110119	CN20102148629U 20100331	NANJING HIGH SPEED GEAR MFG CO LTD	F03D11/00; F16H57/08	Accelerating gearbox for wind power generator
CN201714591 U U 20110119	CN20102148647U 20100331	NANJING HIGH SPEED GEAR MFG CO LTD	F03D11/00; F16H1/28; F16H57/02	Planetary gear train in wind motor gear case
CN201714592 U U 20110119	CN20102148665U 20100331	NANJING HIGH SPEED GEAR MFG CO LTD	F03D11/00; F16H57/08	Speed-increasing gear box for high-power wind power generator
CN201714593 U U 20110119	CN20102160696U 20100416	CSR ZHUZHOU INST CO LTD	F03D11/00	Current transformer module replacing device of double-fed wind generator set
CN201714594 U U 20110119	CN20102161224U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/00; F03D9/00	Hot-air circulating structure of low-temperature type wind driven generator unit
CN201714595 U U 20110119	CN20102161233U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/00; F16C3/02; F16C33/78; F16C33/80; F16C35/04	Main shafting structure of megawatt doubly-fed type asynchronous variable speed wind-driven generator
CN201714596 U U 20110119	CN20102161244U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/00	Wind wheel locking device of wind turbine generator system

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CN201714597 U U 20110119	CN20102161245U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/00	Wind wheel locking mechanism of wind generating set
CN201714598 U U 20110119	CN20102161256U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/00	Underframe structure for front generator room of wind generating set
CN201714599 U U 20110119	CN20102193565U 20100518	JINAN RAILWAY TRANSP EQUIPMENT CO LTD	F03D11/00	Process blade
CN201714600 U U 20110119	CN20102221247U 20100531	YANTAI HUOYANSHAN BOILER CO LTD	F03D11/00	Inclination circular welding neck flange with double parallel surfaces
CN201714601 U U 20110119	CN20102222199U 20100610	ZHONGMO HE	F03D11/00	Shaft sealing sleeve for wind power signal slip ring
CN201714602 U U 20110119	CN20102228029U 20100618	SHENYANG ZHONGKETIANDAO NEW ENERGY EQUIPMENT CO LTD	F03D11/00; B01D46/10	Ventilation and filtration device for engine room of wind generating set
CN201714603 U U 20110119	CN20102228039U 20100618	SHENYANG TEWIN NEW ENERGY EQUIPMENT CO LTD	F03D11/00; F16J15/10	Sealing device of engine room of wind driven generating unit
CN201714604 U U 20110119	CN20102270799U 20100722	UNIV CHINA AGRICULTURAL	F03D11/00	Universal hub of wind driven generator
CN201714605 U U 20110119	CN20102161260U 20100416	LIAONING ZHONGKETIANDAO NEW ENERGY EQUIPMENT INDUSTRY CO LTD	F03D11/04; F03D7/00	Wheel hub assembling structure for wind power generating set
CN201714736 U U 20110119	CN20102237336U 20100625	GLUAL HYDRAULICS CHINA CO LTD	F15B15/14; F03D11/00; F15B15/20	Hydraulic cylinder used for wind turbine
CN201714918 U U 20110119	CN20102253328U 20100709	CHONGQING WANGJIANG IND CO LTD	F16H1/32; F03D11/00; F16H57/08	Flexible transmission mechanism for planetary gear in wind turbine speed-increasing gearbox
CN201715427 U U 20110119	CN20102170182U 20100422	DONGGUAN CHONTOP ENERGY SAVING SCIENCE & TECHNOLOGY CO LTD	F21S9/04; F03D1/06; F03D9/00; F21V23/00; F21V31/00	Energy-saving landscape lamp
CN201715723 U U 20110119	CN20102178115U 20100504	UNIV KUNMING SCIENCE & TECH	F24J2/00; F03D9/00	Solar-energy and wind-energy heat-filling device of high-rise building

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CN201717640 U U 20110119	CN20102214739U 20100604	WEIXING LU	H02J3/38; F03D9/00; H02N6/00	Automatic speed-regulation and voltage-limitation power generating device
CN201717650 U U 20110119	CN20102241118U 20100629	ZHIWEI MIAO	H02J7/00; F03D9/00; H02N6/00	Novel wind-solar hybrid generating set
CN201717657 U U 20110119	CN20102257793U 20100630	ZHANGFU DING	H02J7/00; F03D1/00; F03D9/00; H02N6/00	Household movable small solar-wind hybrid power supply
CN201723236 U U 20110126	CN20102210407U 20100531	CHINA RAILWAY ERYUAN ENGINEERING GROUP CO LTD	E21F1/00; F03D9/00	Wind-driven ventilation equipment for underground engineering
CN201723362 U U 20110126	CN20102180582U 20100506	RONGJING LIN	F03D3/04	Downwind board for wind driven generator
CN201723363 U U 20110126	CN20102180584U 20100506	RONGJING LIN	F03D3/06	Aerogenerator blade with grids installed on surface
CN201723364 U U 20110126	CN20102255217U 20100712	UNIV SHENYANG TECHNOLOGY	F03D7/00	Wind power station fan load index predicting device
CN201723365 U U 20110126	CN20102270886U 20100726	QI LIN	F03D7/00	Wind drive device of wind power generator
CN201723366 U U 20110126	CN20092128770U 20090904	XINGJIAN LUO	F03D9/00; F03D1/00; F03D1/04	Wind power generation device with collecting cover
CN201723367 U U 20110126	CN20092318618U 20091226	DEQING YU	F03D9/00; F03D3/06	Wind power generation device
CN201723368 U U 20110126	CN20102139288U 20100323	SHANGHAI ZHAOFENG ENERGY TECHNOLOGY CO LTD	F03D9/00; F03B13/00; F03D3/06; F03D7/06	Horizontal rotating sail mechanism of water wind generating device
CN201723369 U U 20110126	CN20102139952U 20100322	JIANPING YU	F03D9/00; F03D3/00; H02K1/16; H02K1/27	Vertical magnetic-suspension aero-generator

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CN201723370 U U 20110126	CN20102185666U 20100511	KUN ZHOU	F03D9/00; F03D1/00; F03D1/04	Efficient wind-driven generator
CN201723371 U U 20110126	CN20102192635U 20100517	XU ZHENG; WENZHEN LI	F03D9/00; H02K1/16; H02K1/27; H02K3/04	Magneto wind power generator
CN201723372 U U 20110126	CN20102201939U 20100524	SICHUAN MIANYANG JIANGBEI MACHINE MFG CO LTD	F03D9/00; F03D3/00; F03D3/06	Wind power generator
CN201723373 U U 20110126	CN20102217067U 20100607	CHENGDU SHENGERJIA TECHNOLOGY CO LTD	F03D9/00; H02K7/10; H02K7/116; H02K7/18; H02K11/00	Retractable wind driven generator
CN201723374 U U 20110126	CN20102217412U 20100607	CHENGDU SHENGERJIA TECHNOLOGY CO LTD	F03D9/00	Mechanical retractable-rotor wind generator
CN201723375 U U 20110126	CN20102221645U 20100610	KEQIANG WANG	F03D9/00; B60K16/00	Vehicle-mounted wind power generating apparatus
CN201723376 U U 20110126	CN20102223724U 20100608	JIKAI LIANG	F03D9/00; F03D1/00; F03D11/00; H02N6/00	Wind-light combined generation device
CN201723377 U U 20110126	CN20102236954U 20100624	JINYUAN SENIOR HIGH SCHOOL	F03D9/00; F03D1/06; F21S9/04; H02J7/14	Wind power generating device
CN201723378 U U 20110126	CN20102255482U 20100712	GUOFU LI	F03D9/00; F03B13/08; F03C1/02; F03D3/04; F03D3/06	Wind-water combined generation device

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CN201723379 U U 20110126	CN20102272451U 20100728	GCE CLEAN ENERGY TECHNOLOGY LLC USA	F03D9/00; F03B13/14; F03B13/26; F03D3/00; F03G7/04; H02N6/00	Offshore renewable energy power station
CN201723380 U U 20110126	CN20102301973U 20100130	DEQING YU	F03D9/00; B60K16/00; F03D3/00; F03D3/04; F03D3/06	Automobile-used wind power generation device
CN201723381 U U 20110126	CN20102195454U 20100514	BAOSHAN LING	F03D9/02; F03D3/00; F03D7/06; F16D51/10	Air-cushion suspending sail type wind driven generating device
CN201723382 U U 20110126	CN20102022542U 20100114	DAFENG HUAQI ENERGY TECHNOLOGY CO LTD	F03D11/00; F03B3/12	Helicoidal impeller
CN201723383 U U 20110126	CN20102169535U 20100420	GUODIAN UNITED POWER TECHNOLOGY COMPANY LTD	F03D11/00	Sealing elements of hoisting holes of wind power unit engine room cover
CN201723384 U U 20110126	CN20102201369U 20100525	GUODIAN UNITED POWER LIANYUNGANG TECHNOLOGY CO LTD	F03D11/00; F16J15/06	Sealing device used between engine room casing and hubcap of wind turbine generator system
CN201723385 U U 20110126	CN20102216964U 20100607	CHENGDU SHENGERJIA TECHNOLOGY CO LTD	F03D11/00; F03D7/00	Stepped blade
CN201723386 U U 20110126	CN20102263649U 20100721	XIANGTAN YONGDA MACHINERY MFG CO LTD	F03D11/00	Frame used for wind driven generator
CN201723387 U U 20110126	CN20102159237U 20100415	LEI DONG	F03D11/04; F03D1/00; F03D11/00	Column type small-sized wind driven generator tower capable of automatically standing
CN201723388 U U 20110126	CN20102160694U 20100416	TIANJIN ELECTRIC POWER CONSTRUCTION COMPANY	F03D11/04	Foundation ring fixing support for connecting foundation and tower of wind-driven generator
CN201723389 U U 20110126	CN20102205949U 20100528	SHUMIN CHENG	F03D11/04; F03D1/00	Split wind driven generator

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CN201723561 U U 20110126	CN20102032787U 20100107	SHANGHAI ELECTRIC WIND POWER EQUIPMENT CO LTD	F16B39/34; F03D11/00; F16B37/00; F16B39/04	Spindle locking nut based on deformable body
CN201726349 U U 20110126	CN20102271795U 20100727	ENDA XUE	H02N6/00; F03D9/00; H02J7/00	Hybrid solar and wind generator
CN201726556 U U 20110126	CN20102208513U 20100531	UNIV GUIZHOU	H05B37/00; F03D9/00; H02J7/00; H02N6/00	Intelligent wind energy, solar energy and commercial power- complementation LED illuminating system
CN201729568 U U 20110202	CN20102233173U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	B66C1/22; F03D11/00	Propeller-changing distribution-box lifting device of wind driven generator
CN201729569 U U 20110202	CN20102242302U 20100630	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	B66C1/22; F03D11/00	Yawing motor mounting hanger of aerogenerator
CN201729604 U U 20110202	CN20102237192U 20100625	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	B66C19/02; F03D11/00	Aerogenerator set part-replacement hoisting structure
CN201730109 U U 20110202	CN20102193631U 20100518	JIANGSU HAILI WIND POWER EQUIPMENT TECHNICAL CO LTD	E02D27/44; F03D9/00; F03D11/04	Novel fan foundation for intertidal zone wind farm
CN201730728 U U 20110202	CN20102294806U 20100818	YANG CHEN	F03B13/06; F03B1/00; F03D9/00	Circulation type water-turbine generator set
CN201730735 U U 20110202	CN20102208359U 20100528	WIPO WIND POWER WUXI CO LTD	F03D3/06	Blower vane spherical surface closing structure
CN201730736 U U 20110202	CN20102272117U 20100727	QIANG YAN	F03D3/06	Blade connecting piece structure of vertical-shaft wind-driven generator
CN201730737 U U 20110202	CN20102288516U 20100811	DAI NING; JIAN DAI	F03D5/00; F03D7/00	Two-string kite generator twisting preventive device
CN201730738 U U 20110202	CN20102213740U 20100603	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D7/00	Propeller-changing sensor setting structure of wind driven generator
CN201730739 U U 20110202	CN20102221969U 20100609	WIPO WIND POWER WUXI CO LTD	F03D7/00	Unloading device of wind driven generator

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CN201730740 U U 20110202	CN20102240938U 20100626	HAIYING DONG	F03D7/00	Full-digital electric variable-propeller driver
CN201730741 U U 20110202	CN20102274568U 20100727	JIANXIONG XU	F03D7/00; F16D49/00	Mechanical brake device of wind power generator
CN201730742 U U 20110202	CN20102293272U 20100816	BEIJING CHUANGHE CENTURY COMM TECHNOLOGY CO LTD	F03D7/02; F03D1/04	Wind driven generator with empennage
CN201730743 U U 20110202	CN20092279790U 20091119	WEIXING SU	F03D9/00; F03D3/02	Bidirectional rotating vertical shaft wind power generation equipment
CN201730744 U U 20110202	CN20102173790U 20100429	JIAYONG QIN	F03D9/00; H02K16/00	Integrated double-core permanent-magnet alternating-current wind-driven generator
CN201730745 U U 20110202	CN20102189713U 20100514	LIYI DAI	F03D9/00; F03D3/00; F03D3/06; F03D11/00	Remote vertical-driving wind power generator
CN201730746 U U 20110202	CN20102193650U 20100511	WUXI WIND POWER INST CO LTD	F03D9/00; F03D1/06; F03D11/00	Variable pitch wind turbine generator set
CN201730747 U U 20110202	CN20102198040U 20100515	ZEQIANG ZHANG	F03D9/00; F03D3/04; F03D3/06	Vortex core wind-driven generator
CN201730748 U U 20110202	CN20102201082U 20100521	JINTANG LIN	F03D9/00; C25B1/04; F03D1/06; F03D11/00; F21V33/00; H01T19/04	Combined type long dragon windmill generating hydrogen supply system
CN201730749 U U 20110202	CN20102206619U 20100528	YOUREN GUAN	F03D9/00; F03D1/00	Wind power generating device using suction system
CN201730750 U U 20110202	CN20102206832U 20100528	UNIV XI AN TECHNOLOGY	F03D9/00; F03D11/00	Magnus direct drive wind driven generator based on Venturi effect

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CN201730751 U U 20110202	CN20102246298U 20100705	SHOUSHENG YANG	F03D9/00; F03D3/06; F03D7/06; H01T19/04; H02J3/38	Megawatt-level vertical axis wind driven generator with adjustable angle of attack
CN201730752 U U 20110202	CN20102266671U 20100716	WEST BRANCH OF ZHEJIANG UNIVERSITY OF TECHNOLOGY	F03D9/00; F03D3/00; F03D3/06; F16H1/02	Wind driven generator
CN201730753 U U 20110202	CN20102267572U 20100722	UNIV NANJING	F03D9/00; F03D3/00; H02K16/00; H02N15/00	Five-degree-of-freedom full-suspension vertical-axis wind driven generator with outer rotor structure
CN201730754 U U 20110202	CN20102293056U 20100816	BEIJING CHUANGHE CENTURY COMM TECHNOLOGY CO LTD	F03D9/00; F03D11/00	Windmill generator with position limiter
CN201730755 U U 20110202	CN20102184100U 20100507	HONG YUAN	F03D9/02; F24J2/06; H02K7/18	Thermal wind power generation device
CN201730756 U U 20110202	CN20102504674U 20100826	FENGQIAO LIU	F03D9/02; F03D11/04	Aerodynamic generating device
CN201730757 U U 20110202	CN20102161270U 20100416	LIAONING TEWIN NEW ENERGY EQUIPMENT CO LTD	F03D11/00	Hub structure for wind generator set
CN201730758 U U 20110202	CN20102161288U 20100416	LIAONING TEWIN NEW ENERGY EQUIPMENT CO LTD	F03D11/00	Cabinet cover of wind power generating unit
CN201730759 U U 20110202	CN20102164960U 20100421	ZHEJIANG HENGTONG MACHINERY CO LTD	F03D11/00	Wind turbine blade
CN201730760 U U 20110202	CN20102208377U 20100528	WIPO WIND POWER WUXI CO LTD	F03D11/00	Blade used in wind machine with cover
CN201730761 U U 20110202	CN20102208390U 20100528	WIPO WIND POWER WUXI CO LTD	F03D11/00; B29C44/16	Foam sandwich composite blade
CN201730762 U U 20110202	CN20102213703U 20100603	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Blower main frame structure
CN201730763 U U 20110202	CN20102213733U 20100603	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00; F01P3/18	Extravehicular cooling device of wind driven generator

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CN201730764 U U 20110202	CN20102218349U 20100608	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Nacelle channel
CN201730765 U U 20110202	CN20102233059U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00; F16H57/00	Gear case input end connecting structure for wind driven generator
CN201730766 U U 20110202	CN20102233072U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Hub device of wind driven generator
CN201730767 U U 20110202	CN20102233108U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Cabin heat radiation ear rack device of wind turbine generator
CN201730768 U U 20110202	CN20102233133U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	Tower cylinder connecting structure of wind generating set
CN201730769 U U 20110202	CN20102233195U 20100622	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F03D11/00	First-aid case and document storage device of wind driven generator
CN201730770 U U 20110202	CN20102270398U 20100726	BAODING TIANWEI GROUP CO LTD	F03D11/00	Meteorologic frame device of wind generating set
CN201730771 U U 20110202	CN20102270399U 20100726	BAODING TIANWEI GROUP CO LTD	F03D11/00	Glass fiber reinforced high-speed shaft guard for wind turbine
CN201730772 U U 20110202	CN20102270456U 20100726	BAODING TIANWEI GROUP CO LTD	F03D11/00; E05B65/00	Manual anti-falling rotor lock
CN201730773 U U 20110202	CN20102274548U 20100727	JIANXIONG XU	F03D11/00; H01T19/00	Blade lightning protection device of wind-driven power generator
CN201730774 U U 20110202	CN20102157385U 20100409	ZHONGJIN FUHUA ENERGY TECHNOLOGY CO LTD	F03D11/04	Multilayer and multi-post truss type support system
CN201730775 U U 20110202	CN20102195797U 20100514	ZHONGJIN FUHUA ENERGY TECHNOLOGY CO LTD	F03D11/04	Multilayer multi-column truss dam-type support system
CN201730776 U U 20110202	CN20102202114U 20100521	HUAIZHONG WANG; KAIYUAN WANG; JIAN SHENG; SUPO WANG	F03D11/04	Wind driven generator tower capable of lifting
CN201730950 U U 20110202	CN20102297513U 20100819	GUANGDONG DONGXING FENGYING WIND POWER EQUIPMENT CO LTD	F16C3/02; F03D11/04	Main shaft of wind generating set
CN201730965 U U 20110202	CN20102193662U 20100511	WUXI WIND POWER INST CO LTD	F16C33/58; F03D11/00; F16C33/30	Coaxial connecting bearing

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CN201731015 U U 20110202	CN20102199400U 20100524	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F16F15/04; F03D11/00; F16B43/00	Vibration damper for wind generator
CN201731412 U U 20110202	CN20102036303U 20100105	ZHONGYONG DAI	F21S9/02; F03D9/00; F21S9/03; F21S9/04; F21V17/08	Simple illuminating device by utilizing wind power or solar energy to realize power generation and energy storage
CN201731565 U U 20110202	CN20092020675U 20090408	ZHENGXUAN WANG	F24F1/00; F03D9/00; H02J7/02	Novel energy-saving air conditioner capable of generating power utilizing energy of air discharged from outdoor unit of air conditioner
CN201731642 U U 20110202	CN20102000388U 20100112	YA ZHANG	F24J2/00; F03D9/00; F24J2/46	Wind and light complementary water heater suitable for cold winter environment
CN201733132 U U 20110202	CN20102284226U 20100730	FUNING POWER SUPPLY COMPANY JIANGSU ELECTRIC POWER CO	H02J9/06; F03D9/00; H02J3/38; H02N6/00	Intelligent power distribution system
CN201733760 U U 20110209	CN20102239941U 20100625	XU ZANG	A01M1/22; F03D9/00	Wind power insect killer
CN201734457 U U 20110209	CN20102229988U 20100621	UNIV KUNMING SCIENCE & TECH	A47G27/02; F03D9/00; H02J7/32	Beverage-bottle generating carpet
CN201736830 U U 20110209	CN20102261550U 20100719	YOUYI ZHAO	B60L8/00; B60K16/00; F03D9/00; H02J7/00; H02N6/00	Solar wind power vehicle
CN201737768 U U 20110209	CN20102271633U 20100726	THIRD RAILWAY SURVEY AND DESIGN INST GROUP CORP	C02F3/12; F03D1/00; F03D9/00	Wind-gathering and pressure-boosting water treatment device utilizing wind energy and light energy
CN201738627 U U 20110209	CN20102296970U 20100819	BEIJING METENO COMM TECHNOLOGY CO LTD	E04H12/00; E04H12/10; F03D9/00; H02J7/00	Wind light complementary new energy communication tower

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
CN201738883 U U 20110209	CN20102222852U 20100611	YUCHUN LIU	E21B43/00; F03D3/00; F03D9/00	Wind oil-pumping device
CN201739076 U U 20110209	CN20102214046U 20100603	BEIJING TENDO WINDPOWER TECHNOLOGY CO LTD	F03D1/04; F03D3/04	Air guide sleeve of wind-driven generator
CN201739077 U U 20110209	CN20102206540U 20100528	TIANJIN MINGYANG WIND POWER BLADE TECHNOLOGY CO LTD	F03D1/06; F03D3/06	Slotting structure for core material of wind machine blade
CN201739078 U U 20110209	CN20102246659U 20100621	BANGSEN HAN	F03D3/00; F03D3/04; F03D3/06	Rotating disk-type wind turbine
CN201739079 U U 20110209	CN20102268808U 20100723	BEIJING BEICHE CHINA RAILWAY TRACK TRAFFIC EQUIPMENT CO LTD	F03D3/06	Wind driven generator of vertical shaft fin-plate type windmill
CN201739080 U U 20110209	CN20102108778U 20100201	BEIJING LONGTENG BLUE SKY TECHNOLOGY CO LTD	F03D7/00	Protection control circuit of control system of wind turbine generator
CN201739081 U U 20110209	CN20102243895U 20100630	ANHUI TIANKANG GROUP CO LTD	F03D7/00	Torsion spring pitch-regulating mechanism for miniature wind generator
CN201739082 U U 20110209	CN20102273440U 20100728	SUNRISE MOTION SYSTEM ENGINEERING CHENGDU CO LTD	F03D7/00; F16D65/02; F16D69/00	Novel friction plate for yawing brake of wind turbine generator
CN201739083 U U 20110209	CN20102214060U 20100603	BEIJING TENDO WINDPOWER TECHNOLOGY CO LTD	F03D7/04; F16H39/04	Mechanical transmission dynamic hydraulic system of wind power generator
CN201739084 U U 20110209	CN20102160956U 20100416	YUHUA DING	F03D9/00; F03D3/04; F03D3/06; F03D11/00	Vertical shaft vane fan semi-blocking type wind machine
CN201739085 U U 20110209	CN20102193041U 20100518	BAOFU CAI; YONGHAN LI; JINBO LIU	F03D9/00; E01F15/02; H02J3/38	Highway guardrail wind-power grid combined generator system
CN201739086 U U 20110209	CN20102214068U 20100603	BEIJING TENDO WINDPOWER TECHNOLOGY CO LTD	F03D9/00; H02K1/22; H02K1/28; H02K5/10; H02K5/18	Megawatt direct-drive low-speed permanent magnet wind driven generator

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CN201739087 U U 20110209	CN20102224854U 20100613	SHANGHAI GHREPOWER GREEN ENERGY CO LTD	F03D9/00; F03D1/00; F03D7/04; F03D11/00	Horizontal shaft wind generating set with limiting device
CN201739088 U U 20110209	CN20102231453U 20100622	XINGJIAN LUO	F03D9/00; F03D1/00; F03D1/04	Wind power generation device with collecting cover and automatic drainage windows and doors
CN201739089 U U 20110209	CN20102257138U 20100714	HENGZHEN TANG	F03D9/00; F03D1/00; F03D1/04; F03D11/00	Chimney type wind generator
CN201739090 U U 20110209	CN20102267162U 20100722	SHANGHAI WANDE WIND POWER CO LTD	F03D9/00; H02J3/38	Offshore wind farm 3MW permanent magnet direct drive wind power generation system
CN201739091 U U 20110209	CN20102285240U 20100807	GESHOUBA GROUP S ELECTRIC POWER CO LTD	F03D9/00; F01D15/10; F03G4/00	Solar energy and geothermal energy cooperative power generating system
CN201739092 U U 20110209	CN20102292050U 20100807	YONGLE HUANG	F03D9/00; H02N6/00	Model of solar and wind generator
CN201739093 U U 20110209	DE200910036150 20090805	BOSCH GMBH ROBERT [DE]	F03D11/00; F16B21/00; F16D1/06	Fixing of large cylindrical gear on transmission device shaft
CN201739094 U U 20110209	CN20102206536U 20100528	TIANJIN MINGYANG WIND ENERGY BLADE TECHNOLOGY CO LTD	F03D11/00	Laminate structure of root reinforced layer for blades on wind machine
CN201739095 U U 20110209	CN20102206625U 20100528	TIANJIN MINGYANG WIND ENERGY BLADE TECHNOLOGY CO LTD	F03D11/00	Wind power blade rain retaining ring
CN201739096 U U 20110209	CN20102212403U 20100524	FEIFEI ZHOU	F03D11/00	Wind power generated fan impeller for vehicle
CN201739097 U U 20110209	CN20102215980U 20100604	UNIV XI AN JIAOTONG	F03D11/00	Blade folding structure of wind-driven generator
CN201739098 U U 20110209	CN20102215981U 20100604	UNIV XI AN JIAOTONG	F03D11/00; F03D7/00	Wind driven generator blade stretching structure
CN201739099 U U 20110209	CN20102216034U 20100604	UNIV XI AN JIAOTONG	F03D11/00; F03D7/00	Blade structure of wind generator

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CN201739100 U U 20110209	CN20102253262U 20100708	MINTAI HYDRAULICS SHANGHAI CO LTD	F03D11/00; F16H57/04; F16N39/06	Gear box lubricating device for wind driven generator
CN201739101 U U 20110209	CN20102297515U 20100819	GUANGDONG DONGXING FENGYING WIND POWER EQUIPMENT CO LTD	F03D11/00	Wheel hub of wind-powered generator
CN201739102 U U 20110209	CN20102160469U 20100416	DALIAN SPARK NEW ENERGY DEV CO LTD	F03D11/02; F03D1/00; F03D11/04	Flexible transmission system of novel intelligent wind generator
CN201739103 U U 20110209	CN20102215967U 20100604	UNIV XI AN JIAOTONG	F03D11/04	Wind driven generator tower structure
CN201739104 U U 20110209	CN20102218345U 20100608	SHENYANG RUIXIANG WIND POWER EQUIPMENT CO LTD	F03D11/04; F03D7/00	Mounting device for yawing brake system
CN201739105 U U 20110209	CN20102258858U 20100715	BAOSTEEL ENGINEERING & TECHNOLOGY GROUP CO LTD	F03D11/04	Anti-fatigue connection node of steel structure fan foundation
CN201739356 U U 20110209	CN20102233224U 20100622	SHENYANG RUIXIANG WIND POWER EQUIPMENT CO LTD	F16C33/78; F03D11/00	Sealing structure for slewing bearing of large-scale fan
CN201739746 U U 20110209	CN20102213713U 20100603	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	F16N7/40; F03D11/00	Lubricating system for bearing of rotor of wind turbine generator
CN201740642 U U 20110209	CN20102265496U 20100721	SHENYANG RUIXIANG WIND ENERGY EQUIPMENT CO LTD	G01M13/02; F03D11/00; G08C23/06	Failure detection device of 2.5MW wind gear box
CN201742105 U U 20110209	CN20092162117U 20090626	ABB SWITZERLAND CO LTD	H02J3/38; F03D9/00; H02M7/00	Modular frequency converter system for wind turbine and converter cabinet thereof
CN201742117 U U 20110209	CN20102247958U 20100628	KUNSHAN JENGKUO ENERGY TECHNOLOGY CO LTD	H02J7/00; F03D9/00; H02N6/00	Wind and solar complementary power generation device
CN201744171 U U 20110216	CN20102145635U 20100331	CHENTONG GENG	A63H27/08; F03D9/00	Light-emitting kite with wind power generator
CN201746245 U U 20110216	CN20102274443U 20100727	SANY ELECTRIC CO LTD [CN]	B66C19/00; B66C7/04; B66C7/08; F03D9/00	Aerogenerator unit and maintenance crane thereof

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CN201747516 U U 20110216	CN20102200150U 20100524	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D1/06; F03D7/04	Centrifugal variable-propeller hub of wind driven generator
CN201747517 U U 20110216	CN20102216186U 20100601	BANGQUN YANG	F03D1/06; F03D1/04	Wind-engaging device of wind driven generator
CN201747518 U U 20110216	CN20092244023U 20091105	JIANXIN ZHANG; DING SHUXIA; ZHANG YU	F03D3/00; F03D3/06	Vertical shaft hook-shaped wing lift and drag compatible wind machine
CN201747519 U U 20110216	CN20102255198U 20100708	JIAYUAN LI	F03D3/06	Impeller for vertical axial wind driven generator
CN201747520 U U 20110216	CN20102200561U 20100524	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D7/00; F03D11/00	Wind power generator stopping mechanism
CN201747521 U U 20110216	CN20102238416U 20100628	REENERGY ELECTRIC SUZHOU CO LTD	F03D7/00; H02H7/08	Dead-zone generating circuit of variable pitch control system driver
CN201747522 U U 20110216	CN20102285562U 20100809	CHONGQING KK QIANWEI WINDPOWER EQUIPMENT CO LTD	F03D7/00	Aerogenerator unit safe control device
CN201747523 U U 20110216	CN20102288446U 20100811	SINOVEL WIND GROUP CO LTD [CN]	F03D7/00	Control system for inhibiting vibration of variable-speed and variable-paddle wind generator unit
CN201747524 U U 20110216	CN20102299010U 20100819	SANY ELECTRIC CO LTD [CN]	F03D7/00; F03D11/00	Wind generator set and the variable propeller system thereof
CN201747525 U U 20110216	CN20102249951U 20100707	QINGDAO MINSHEN WIND POWER TECHNOLOGY CO LTD	F03D7/04	Pneumatic propeller-change braking system of wind driven generator
CN201747526 U U 20110216	CN20102292914U 20100816	QIANG YAN	F03D7/06; F16D49/00	Braking structure of vertical shaft wind power generator
CN201747527 U U 20110216	CN20102032814U 20100107	SHANGHAI GELIN ELECTROMECHANICAL TECHNOLOGY CO LTD; JIANGSU TIANDI WIND POWER EQUIPMENT CO LTD	F03D9/00; F03D1/06; F03D7/02	Wind driven generator with small hub
CN201747528 U U 20110216	CN20102111006U 20100210	SHENGBIN WANG	F03D9/00; B60L8/00; F03D3/04; F03D3/06	Wind power generation device

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CN201747529 U U 20110216	CN20102220172U 20100609	UNIV SHANGHAI SCIENCE & TECH	F03D9/00; H02J3/38; H02J13/00	Permanent magnet direct-drive wind power generation system
CN201747530 U U 20110216	CN20102235940U 20100622	JIAYUAN LI	F03D9/00; F03D3/06; F03D11/00	Vertical axial wind-driven generating device
CN201747531 U U 20110216	CN20102154385U 20100409	GOLDWIND SCIENCE & TECHNOLOGY CO LTD	F03D11/00; H02H7/06	Lightning-protection blade of wind generating set
CN201747532 U U 20110216	CN20102154399U 20100409	GOLDWIND SCIENCE & TECHNOLOGY CO LTD	F03D11/00; F03D1/06; F03D9/00; H01T4/08; H02H9/04	Lightning protection system of wind generating unit
CN201747533 U U 20110216	CN20102200556U 20100524	ZHEJIANG HUAYING WIND POWER GENERATOR CO LTD	F03D11/00	Hub for optimizing variable pitch of wind driven generator
CN201747534 U U 20110216	CN20102203795U 20100524	ZHEJIANG FUSHI ELECTRIC MACHINERY CO LTD	F03D11/00	Blade of wind driven generator with blade sharp diversion device
CN201747535 U U 20110216	CN20102276882U 20100723	GOLDWIND SCIENCE & TECHNOLOGY CO LTD	F03D11/00	Tower barrel of wind generating set
CN201747536 U U 20110216	CN20102283851U 20100805	SANY ELECTRIC CO LTD [CN]	F03D11/00; F03D9/00	Wind power machine set and transmission chain device thereof
CN201747537 U U 20110216	CN20102290692U 20100813	BEIJING TIANYUAN CREATION WINDPOWER CO LTD	F03D11/00; F16H57/02; F16J15/18	Oil-impermeable device of wind generating unit gearbox
CN201747538 U U 20110216	CN20102292964U 20100813	SANY ELECTRIC CO LTD [CN]	F03D11/00; F16J15/14	Wind generating set
CN201747539 U U 20110216	CN20102507340U 20100826	SINOVEL WIND GROUP CO LTD [CN]	F03D11/00; F16H57/04	Cooling device of accelerating gear box of wind generating set
CN201747540 U U 20110216	CN20102507417U 20100826	SINOVEL WIND GROUP CO LTD [CN]	F03D11/00	Impeller lock centering device of wind generating set
CN201747541 U U 20110216	CN20102508617U 20100830	FOSHAN DONGXING FENGYING WIND POWER EQUIPMENT CO LTD	F03D11/00	Wind power generator engine compartment base

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CN201747542 U U 20110216	CN20102196870U 20100517	SINOVEL WIND GROUP CO LTD [CN]	F03D11/04	Megawatt large-scale wind turbine main frame
CN201747543 U U 20110216	CN20102236412U 20100625	QINGDAO MINSHEN WIND POWER TECHNOLOGY CO LTD	F03D11/04	Double-cylinder hydraulic self-erection pylon of wind driven generator
CN201747544 U U 20110216	CN20102507336U 20100826	SINOVEL WIND GROUP CO LTD [CN]	F03D11/04	Mounting pedestal of wind-driven generator and wind-driven generator
CN201747692 U U 20110216	CN20102229165U 20100618	WUXI HAIHANG ELECTRO HYDRAULIC SERVO SYSTEM CO LTD	F15B15/14; F03D11/00; F15B15/20	Novel tensioning cylinder
CN201747802 U U 20110216	CN20102289151U 20100812	CHONGQING GEARBOX CO LTD	F16C35/063; F03D11/00; F16H57/04; F16H57/08	Planetary gear bearing positioning structure of wind power gear box
CN201747913 U U 20110216	CN20102278038U 20100728	CHONGQING GEARBOX CO LTD	F16H57/08; F03D11/00; F16H57/02; F16H57/04	Aerogenerator unit speed-up gearbox
CN201748520 U U 20110216	CN20102273322U 20100728	QINGDAO MINSHEN WIND POWER TECHNOLOGY CO LTD	F24D11/00; F03D9/00; F24D12/02; H02J7/00; H02N6/00	Wind-light complementary heating system
CN201750184 U U 20110216	CN20102279386U 20100803	JIANZHONG YANG	H02J7/00; F03D9/00; G05F1/67; H02N6/00	Mini-type wind/solar hybrid generation system adopting maximum power point tracking control method
CN201751567 U U 20110223	CN20102212402U 20100524	FEIFEI ZHOU	F03D1/04	Vehicle wind power generating induced draft device
CN201751568 U U 20110223	CN20102212707U 20100602	FENGNEENG POWER TECHNOLOGY CO LTD	F03D3/06; F03D9/00	Blade structure of movable wind driven generator
CN201751569 U U 20110223	CN20102208351U 20100528	WIPO WIND POWER WUXI CO LTD	F03D7/00	Centrifugal pitch control device of small-sized air blower
CN201751570 U U 20110223	CN20092015271U 20090715	SHENYANG WIND ENERGY EQUIPMENTS CO LTD	F03D9/00; F03D1/06	High-efficiency 1.5MW wind power blade aerodynamic exterior

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CN201751571 U U 20110223	CN20102253446U 20100709	BOCHENG LIAO	F03D9/00; F03D11/00	Wind power generation apparatus
CN201751572 U U 20110223	CN20102224357U 20100612	GUORUIHE BEIJING INVEST CO LTD	F03D9/02; F01D15/10	Wind energy storing steady generating equipment
CN201751573 U U 20110223	DK20080001603 20081118; US20080199649P 20081118	VESTAS WIND SYS AS [DK]	F03D11/00	Wind machine with refrigerating system
CN201751574 U U 20110223	KR20100009607 20100202	JILONG LI; BINGYI PU; BINGSHANG PU	F03D11/00; F03D9/00; F03D11/04	Wind gathering tower structure for wind power generation
CN201751575 U U 20110223	CN20102221967U 20100609	WIPO WIND POWER WUXI CO LTD	F03D11/00	Outer ring of wind turbine
CN201751627 U U 20110223	CN20102250726U 20100708	ZHENJIANG TIEKE RUBBER PLASTIC PRODUCTS CO LTD	F16F15/04; F03D11/04	Wind generating set gear box elastic support device
CN201751669 U U 20110223	CN20102148652U 20100331	NANJING HIGH SPEED GEAR MFG CO LTD	F16N29/00; B03C1/00; F03D11/00	Oil measuring rod used in wind-power gearbox
CN201753656 U U 20110302	CN20102209986U 20100601	UNIV BEIHANG; BEIJING DAHANG JINGYAO TECHNOLOGY DEV CO LTD	F03D1/04; B32B5/28	Wind gathering barrel for resin/three-dimensional sandwich layer fabric composite materials
CN201753657 U U 20110302	CN20102288450U 20100803	FEIFEI ZHOU	F03D1/04	Wind guide device for wind power generation
CN201753658 U U 20110302	CN20102288447U 20100803	FEIFEI ZHOU	F03D1/06	Fan impeller for wind power generation
CN201753659 U U 20110302	CN20102217374U 20100607	YAZAI ZHENG	F03D3/00	Utilization and transmission mechanism for kinetic energy of fluid
CN201753660 U U 20110302	CN20102127931U 20100305	ZHANG SEN	F03D3/02; F03D9/02	Floating type water wind-driven power generation ship
CN201753661 U U 20110302	CN20102165892U 20100326	WEN XU	F03D3/06	III-shaped wind driven generator blade
CN201753662 U U 20110302	CN20102217375U 20100607	YAZAI ZHENG	F03D5/00; F03D11/00	Transmission mechanism utilizing kinetic energy of universal fluid

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CN201753663 U U 20110302	CN20102247868U 20100702	UNIV SOUTH CHINA TECH	F03D9/00; F03D7/06; H02K7/10	Wind generator using centrifugal device for assisting starting
CN201753664 U U 20110302	CN20102297576U 20100819	TIANQI WANG	F03D9/00; F02B43/12; F02B63/04; F03D7/00; F24J2/00; H02J3/38; H02N6/00	Wind, light, heat energies complementary type intelligent power generation system
CN201753665 U U 20110302	CN20102508450U 20100826	HUANGSHI HUAKE NEW ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D7/04	Wind generator with variable blade pitch and variable rotation angle
CN201753666 U U 20110302	CN20102508459U 20100826	HUANGSHI HUAKE NEW ENERGY TECHNOLOGY CO LTD	F03D9/00; F03D1/06	Downwind wind generator with swivelling angle
CN201757024 U U 20110309	DK20090000420 20090326; US20090163663P 20090326	VESTAS WIND SYS AS [DK]	F03D1/06; F03D7/04	Wind turbine blade comprising trailing edge aileron and piezoelectric actuator
CN201757025 U U 20110309	CN20102288440U 20100803	FEIFEI ZHOU	F03D1/06	Wind power generation impeller with distributed inclined holes
CN201757026 U U 20110309	CN20102125114U 20100308	DEHENG WANG	F03D3/00; F03D3/02; F03D11/00; F03D11/04	Split type vertical shaft wind generator system
CN201757027 U U 20110309	CN20102297512U 20100819	GUANGDONG DONGXING FENGYING WIND POWER EQUIPMENT CO LTD	F03D7/00	Pitch control connection device of wind-driven generator
CN201757028 U U 20110309	CN20102500347U 20100819	JIANGSU HENGLI HIGH PRESSURE OIL CYLINDER CO LTD	F03D7/00; F15B15/14; F15B15/20	Variable-pulp oil cylinder for wind power system
CN201757029 U U 20110309	CN20102168642U 20100423	QIFANG LIN; YIN YANG	F03D9/00; F03D3/04; F03D3/06	System for generating power by recycling vented air

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CN201757030 U U 20110309	CN20102169034U 20100423	QIFANG LIN; YIN YANG	F03D9/00; F03D3/04; F03D3/06	System for generating power by recycling vented air
CN201757031 U U 20110309	CN20102202935U 20100526	JIAN ZHANG; FUJIANG XU	F03D9/00; F03D3/02	Vertical shaft type multistage-fan-blade wind generator
CN201757032 U U 20110309	CN20102212542U 20100602	FENG NENG POWER TECHNOLOGY CO LTD	F03D9/00; F03D3/06; F03D11/04	Wind generator with an adjustable support column
CN201757033 U U 20110309	CN20102260946U 20100716	GUIHAI QU	F03D9/00; F03D11/00; H02J7/00; H02N6/00	High-efficiency wind driven generator
CN201757034 U U 20110309	CN20102269076U 20100723	BEIJING TENDO WINDPOWER TECHNOLOGY CO LTD	F03D9/00	Megawatt-class low-speed permanent magnet direct-drive wind generating set
CN201757035 U U 20110309	CN20102291378U 20100813	YIHUA YU	F03D9/00; B60L8/00; F03D3/00	Wind power generation structure for automobiles
CN201757036 U U 20110309	CN20102510211U 20100822	GUANGDONG MINGYANG WIND POWER GROUP CO LTD	F03D9/00; F03D11/00; F16H57/04; H02K9/04; H02M1/00; H05K7/20	Wind driven generator set
CN201757037 U U 20110309	CN20102146865U 20100331	ZHEJIANG WINDEY WIND POWER CO LTD	F03D11/00	Anti-icing type cabinet cover
CN201757038 U U 20110309	CN20102283142U 20100805	SHANGHAI GELIN ELECTROMECHANICAL TECHNOLOGY CO LTD; JIANGSU TIANDI WIND POWER EQUIPMENT CO LTD	F03D11/00; H02G3/34	Fan tower drum cable protecting mechanism
CN201757039 U U 20110309	CN20102283163U 20100805	SHANGHAI GELIN ELECTROMECHANICAL TECHNOLOGY CO LTD; JIANGSU TIANDI WIND POWER EQUIPMENT CO LTD	F03D11/00; E06B7/14; E06B7/16	Novel sealing structure for fan tower cylinder door

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CN201757349 U U 20110309	CN20102225568U 20100609	WUXI LED TRUST PHOTOELECTRON TECHNOLOGY LTD	F21S9/02; F03D9/00; F21S9/04; H02N6/00	LED street lamp powered by wind energy and photovoltaic
CN201757455 U U 20110309	CN20102503627U 20100818	INNER MONGOLIA LENON NEW ENERGY LIABILITY CO LTD; INNER MONGOLIA UNIVERSITY OF TECHNOLOGY	F24D11/00; F03D9/00	Wind electric power-generation power-supply heat-supply system
CN201758370 U U 20110309	CN20102230013U 20100621	UNIV KUNMING SCIENCE & TECH	H02N6/00; F03B13/14; F03D9/00; H02J7/00	Solar energy, wind and wave power generating device applying beverage bottles
CN201763508 U U 20110316	CN20102521673U 20100908	XUDONG LIU; GENG LIU	F03B13/00; F03B1/02; F03D1/06; F03D9/00	Wind and rain hydroelectric generator
CN201763510 U U 20110316	CN20102285901U 20100803	XIANGTAN ELECTRIC MFG CO LTD	F03B13/16; F03B13/26; F03D9/00; H02N6/00	Offshore renewable energy source conversion device
CN201763511 U U 20110316	CN20102245935U 20100702	YANG CONG	F03D1/04; F03D1/06; F03D9/02	Airflow collection device, wind motor, wind energy collection device and wind power generation device
CN201763512 U U 20110316	CN20102223217U 20100609	NINGBO SHENGYANG PREC CASTING PRODUCTS CO LTD	F03D1/06	Wind-driven power generator with adjustable blade angle
CN201763513 U U 20110316	CN20102237528U 20100624	DUJIANGYAN YUNYI CALCIUM CO LTD	F03D3/00; F03D3/06	Wind turbine self-adaptive to wind direction
CN201763514 U U 20110316	CN20102246204U 20100702	YANG CONG	F03D3/00; F03D3/04; F03D9/00	Power device, power system, wind energy collection system and wind power generating system utilizing wind energy
CN201763515 U U 20110316	CN20102515357U 20100903	ZHANGJIAGANG NAITE MOTOR MANUFACTURE CO LTD	F03D3/00; F03D3/06; F03D11/00	Vertical axis wind turbine

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CN201763516 U U 20110316	CN20102515783U 20100903	SHIQUAN XU	F03D3/00; F03D3/06; F03D7/06; F03D9/00; F03D11/00	Wind turbine having front area-adjustable blades
CN201763517 U U 20110316	CN20102519662U 20100907	SHENZHEN SUNTOP OPTOELECTRONICS TECHNOLOGY CO LTD	F03D3/00; F03D3/06; F03D9/00	Air receiving device
CN201763518 U U 20110316	CN20102224857U 20100612	SHENZHEN TIMAR WIND ENERGY AND LUMINOUS ENERGY TECHNOLOGY CO LTD	F03D3/06	Fan blade for vertical axis wind-driven generator
CN201763519 U U 20110316	CN20102292293U 20100816	YIFAN XU	F03D3/06	Blade of vertical-axis wind turbine
CN201763520 U U 20110316	CN20102500716U 20100820	GUANGZHOU DEZHONG HYDRAULIC TUBING TECHNOLOGY CO LTD	F03D3/06	Vertical shaft vane for wind driven generator
CN201763521 U U 20110316	CN20102500724U 20100820	GUANGZHOU DEZHONG HYDRAULIC TUBING TECHNOLOGY CO LTD	F03D3/06	Wind wheel for minitype vertical shaft wind driven generator
CN201763522 U U 20110316	CN20102515369U 20100903	ZHANGJIAGANG NAITE MOTOR MANUFACTURE CO LTD	F03D3/06	Vertical-shaft wind motor
CN201763523 U U 20110316	CN20102515769U 20100903	SHIQUAN XU	F03D3/06; F03D7/06	Front area-adjustable wind turbine blades
CN201763524 U U 20110316	CN20102519674U 20100907	SHENZHEN SUNTOP OPTOELECTRONICS TECHNOLOGY CO LTD	F03D3/06	Air receiving device
CN201763525 U U 20110316	CN20102244647U 20100629	SHANGHAI SPN TECHNOLOGY CO LTD	F03D7/00; H02P6/04	Permanent magnet direct current brushless pitch control device
CN201763526 U U 20110316	CN20102510722U 20100831	CHANGZHOU SPEED REDUCER GENERAL FACTORY CO LTD	F03D7/00; F03D11/00; F16H1/46	Wind power generation yaw gearbox

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CN201763527 U U 20110316	CN20102513026U 20100831	CHANGZHOU SPEED REDUCER GENERAL FACTORY CO LTD	F03D7/00; F16H1/32; F16H57/02; F16H57/08	Wind power generating variable pitch gearbox
CN201763528 U U 20110316	CN20102141173U 20100323	XINMIN LI; YING ZHAO	F03D9/00; B60L8/00	Solar wind power generating device used for motor vehicle
CN201763529 U U 20110316	CN20102182023U 20100507	QIHE NIAN	F03D9/00; F03D3/00; F03D3/06	Wind power machine with open type cylinder wall, vertical concentric shaft and horizontally-rotated wheel blade
CN201763530 U U 20110316	CN20102209996U 20100524	SHAOZHONG LIU	F03D9/00; F03D3/06; F03D7/06; F03D11/00; F16F15/02; F16F15/04	Railway type large vertical axis wind turbine
CN201763531 U U 20110316	CN20102236325U 20100625	UNIV SHAOXING	F03D9/00; F03D1/04; F03D7/04	Wind-gathering type wind power generation device
CN201763532 U U 20110316	CN20102285845U 20100803	XIANGTAN ELECTRIC MFG CO LTD	F03D9/00; F03B13/14; F03B13/26; H02N6/00	Offshore renewable energy source conversion device
CN201763533 U U 20110316	CN20102285850U 20100803	XIANGTAN ELECTRIC MFG CO LTD	F03D9/00; F03B13/14; F03B13/26; H02N6/00	Offshore renewable energy source conversion device
CN201763534 U U 20110316	CN20102285905U 20100803	XIANGTAN ELECTRIC MFG CO LTD	F03D9/00; F03B13/14; F03B13/26; H02N6/00	Offshore renewable energy source conversion device
CN201763535 U U 20110316	CN20102298789U 20100820	SHANDONG ZHONGJING SOLAR ENERGY CO LTD	F03D9/00; F03D7/00; H02J7/00; H02N6/00	Power generating system for wind-solar hybrid base station

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CN201763536 U U 20110316	CN20102500452U 20100823	GAOTANG GAOLI ELECTRICAL EQUIPMENT FACTORY	F03D9/00; F03D3/06	Novel windmill generator
CN201763537 U U 20110316	CN20102518232U 20100906	YANG CONG	F03D9/00; E01F15/02; F03D3/00; F03D3/04	Device for generating electricity by means of wind force of automobile
CN201763538 U U 20110316	CN20102521154U 20100901	GUANGDONG MING YANG WIND POWER GROUP CO LTD	F03D9/00; F03D1/00; F03D11/00; F16H57/04; H02K9/04	Large wind turbine generator system for high-altitude areas
CN201763539 U U 20110316	CN20102521176U 20100901	GUANGDONG MING YANG WIND POWER GROUP CO LTD	F03D9/00; F03D1/06; F03D7/02; F03D11/00	Wind generating set fit for conditions of ultralow temperature area
CN201763540 U U 20110316	CN20102521177U 20100901	GUANGDONG MING YANG WIND POWER GROUP CO LTD	F03D9/00; F03D11/00; F16H57/04; H02K9/04; H05K7/20	Large wind turbine generator system for high humid conditions
CN201763541 U U 20110316	CN20102524177U 20100910	GUIYANG INST	F03D9/00; F03D1/06	Wind power generator
CN201763542 U U 20110316	CN20102601258U 20101111	PINGLI WANG	F03D9/00; F03D1/06; H02J7/00; H02N6/00	Flying disk type wind power generation device
CN201763543 U U 20110316	DK20080001615 20081119; US20080199834P 20081119	VESTAS WIND SYS AS [DK]	F03D11/00	System for protecting wind turbine from being struck by lightning and wind turbine
CN201763544 U U 20110316	CN20102268327U 20100723	XEMC WINDPOWER CO LTD	F03D11/00	Fan blade of wind generating set

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CN201763545 U U 20110316	CN20102513000U 20100831	CHANGZHOU SPEED REDUCER GENERAL FACTORY CO LTD	F03D11/00; F16H1/28	Large-power wind power generating speed-up gearbox
CN201763546 U U 20110316	CN20102513002U 20100831	CHANGZHOU SPEED REDUCER GENERAL FACTORY CO LTD	F03D11/00; F16H1/28	Semi-direct-drive wind generating set growth gearbox
CN201763547 U U 20110316	CN20102521152U 20100901	GUANGDONG MING YANG WIND POWER GROUP CO LTD	F03D11/00	Fan blade vane for large wind generator set
CN201763548 U U 20110316	CN20102521155U 20100901	GUANGDONG MING YANG WIND POWER GROUP CO LTD	F03D11/00	Tower of wind power generator
CN201763562 U U 20110316	CN20092000692U 20090113	SHENGLIN KUANG; YUNQI GUO; GUOPING SHENG; PENG WANG	F04B17/02; F03D9/00	Wind-driven water pumping unit
CN201763916 U U 20110316	CN20092220189U 20091028	SHI WENJIANG	F16H47/08; F03D11/00	Variable-speed-ratio hydraulic planet gear speed increasing box
CN201764388 U U 20110316	CN20102542195U 20100921	WENZHEN ZHANG	F21S9/02; F03D9/00; F21S9/04; F21V23/00	Outdoor lamp for generating electricity by utilizing breeze
CN201764389 U U 20110316	CN20102280200U 20100727	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	F21S9/03; B66C23/62; F03D9/00; F21S9/04; F21V23/04; F21V23/06	Illumination device applied to building tower crane of wind and light complementary generation system
CN201764392 U U 20110316	CN20102529976U 20100915	HONOR TRUST ZHENGZHOU TECHNOLOGY CO LTD	F21S9/03; F03D3/00; F03D9/00; F21S9/04; F21V21/00; F21V23/00	LED street lamp with wind energy and solar energy complementation

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CN201764394 U U 20110316	CN20102277078U 20100724	WUXI TONGCHUN NEW ENERGY TECHNOLOGY CO LTD	F21S9/04; B66C23/62; F03D9/00; F21V23/04; F21V23/06	Lighting device provided with wind power generation system and applied to construction tower crane
CN201764574 U U 20110316	CN20102524733U 20100910	ZHIGUO FAN	F24D12/02; F03D9/00	Heating apparatus by using wind power, light energy and air source complementary to each other
CN201765358 U U 20110316	CN20102249807U 20100706	HENG TONG ELECTRIC CABLE CO LTD	G02B6/44; F03D11/00	High-twisting-resistance load-bearing type flexible control optical cable
CN201766388 U U 20110316	CN20102521180U 20100908	SICHUAN SUNFOR LIGHT CO LTD	H02J7/00; F03D9/00; H02J7/14; H02N6/00	Movable distributed wind/light complementary power supply system
CN201766529 U U 20110316	CN20102270729U 20100726	JINLING INST OF TECHNOLOGY; ZHONG YANG	H02N6/00; F03D1/00; F03D9/00; G05D3/00; H02J7/00	Automatic wind direction tracking and sun tracking wind and light generating system
CN201770414 U U 20110323	CN20102542936U 20100917	ZHONGFU LIANZHONG BAOTOU COMPOSITE MATERIALS CO LTD	B66C1/48; F03D11/00	Jig apparatus for installing and lifting shear webs of megawatt wind generator
CN201771554 U U 20110323	CN20102120417U 20100223	JINTANG LIN	F01D15/10; C25B1/04; F01K25/10; F02B43/10; F02B63/04; F03D9/00; F22B1/00; F24D3/08	Multi-source and multifunctional power generation and hydrogen production equipment
CN201771672 U U 20110323	CN20102238171U 20100702	YANG CONG	F03D1/04; B60K16/00; F03D1/06; F03D9/02	Airflow collection device, wind motor and motor vehicle

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CN201771673 U U 20110323	CN20092286768U 20091230	LICANG WIND POWER EQUIPMENT SHANGHAI CO LTD	F03D1/06	Vortex generator on surface of wind-power blade
CN201771674 U U 20110323	CN20102215991U 20100606	SHANJUN SUN	F03D3/04; F03G6/00; F04D25/04	Dual powered blower
CN201771675 U U 20110323	CN20102504893U 20100826	HARBIN JIUZHOU ELECTRIC CO LTD	F03D7/00; H04L12/40	Double feed wind energy converter CAN open communication unit
CN201771676 U U 20110323	CN20102155685U 20100409	WINDTEK GREEN ENERGY TECHNOLOGY CO LTD	F03D9/00; H02K7/18	Wind power generation device
CN201771677 U U 20110323	CN20102195250U 20100509	XINYA ZANG	F03D9/00; F03D3/00; F03D3/06	Vertical shaft rotating plate type wind machine
CN201771678 U U 20110323	CN20102238170U 20100628	JUNDOU WANG	F03D9/00; B66D1/12; F03D1/00; F03D11/04	Automatic-erecting and lying wind driven generator
CN201771679 U U 20110323	CN20102241375U 20100629	SHANJUN SUN	F03D9/00; F03D3/00; F03D9/02; H02N6/00	Pneumatic light compensation generating device
CN201771680 U U 20110323	CN20102250199U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D9/00; F01P1/00; F03D11/00	Engine room air cooling system of wind generating set
CN201771681 U U 20110323	CN20102261127U 20100715	CUNSONG LI	F03D9/00; F03D11/00	Generating set with omnidirectional wind collecting tower
CN201771682 U U 20110323	CN20102294212U 20100817	HENAN KEDA ENERGY SAVING ENVIRONMENTAL PROT CO LTD	F03D9/00; F03D7/00; H02J7/00; H02N6/00	Wind-solar hybrid generation system
CN201771683 U U 20110323	CN20102501246U 20100823	YUERONG ZHAO; SHENZHOU ZHAO; ZHAO CHANG AN; YANTING ZHAO	F03D9/00; F03D1/04; F03D1/06; F03D3/04; F03D3/06	Vertical-rotation and horizontal-rotation breeze generator

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CN201771684 U U 20110323	CN20102523767U 20100910	CHONGQING UNIVERSITY OF SCIENCE & TECHNOLOGY	F03D9/00; E04H12/00; F03D3/06; H02J3/38; H02K7/18; H02N6/00	Running vehicle wind-energy recovering generating system
CN201771685 U U 20110323	CN20102541114U 20100918	QINGDAO MEILI OUYAN HI TECH CO LTD	F03D9/00; F03D3/00; F03D3/06	Wind generator with internal-mounted right blowing air plate of fan blade
CN201771686 U U 20110323	CN20102154381U 20100915	GOLDWIND SCIENCE & TECHNOLOGY CO LTD; BEIJING JINFENG WIND & POWER EQUIPMENT CO LTD	F03D11/00; E05F1/12; E06B5/00	Engine room sealing door of wind driven generator
CN201771687 U U 20110323	CN20102185995U 20100511	JIANGSU YUJIE STEEL MACHINE CO LTD	F03D11/00	Internal brace stay used for preventing deformation of flange on wind power generation tower during transportation
CN201771688 U U 20110323	CN20102186250U 20100511	JIANGSU YUJIE STEEL MACHINE CO LTD	F03D11/00; F16B41/00	Wind power generation tower foundation bolt protecting jacket
CN201771689 U U 20110323	CN20102249684U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00	Easy-to-hoist nose cone
CN201771690 U U 20110323	CN20102249692U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00	Sand wind-resisting blade for wind generating set
CN201771691 U U 20110323	CN20102249701U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00	Connecting frame of hub and flow guiding cover
CN201771692 U U 20110323	CN20102249705U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00	Overhauling platform for large-sized wind power generation equipment
CN201771693 U U 20110323	CN20102249719U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00	Cabin of wind generating set
CN201771694 U U 20110323	CN20102249728U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00; F16F15/08	Large-sized speed increasing box shock absorption mechanism

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CN201771695 U U 20110323	CN20102249730U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F03D11/00; F16F15/08	Large-sized generating unit elastic support
CN201771696 U U 20110323	CN20102254251U 20100712	INNER MONGOLIA AEROSPACE YIJIU TECHNOLOGY DEV CO LTD	F03D11/00	Integral blade of large scaled wind generating set
CN201771697 U U 20110323	CN20102186246U 20100511	JIANGSU YUJIE STEEL MACHINE CO LTD	F03D11/04	Storage and stacking bracket for wind motor tower
CN201771805 U U 20110323	CN20102519479U 20100907	WUXI MING TONG POWER ACCESSORIES CO LTD	F04D17/08; F03D7/00; F03D11/00	Cooling fan specialized for large-power wind power generation pitch motor
CN201771983 U U 20110323	CN20102249680U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F16D1/033; F03D11/00	Special-purpose coupling of megawatt-class wind generating set
CN201772234 U U 20110323	CN20102249717U 20100707	SHANDONG CHANGXING WIND POWER TECHNOLOGY CO LTD	F16N7/38; F03D11/00	Lubricating device for big gear ring of megawatt wind power generation equipment
CN201772910 U U 20110323	CN20102266435U 20100722	CHUNHUA LIU	G01F23/00; F03D9/00; G01W1/14; H02N6/00	One-pole and one-station type multifunctional automatic monitor
CN201774268 U U 20110323	CN20102155642U 20100412	WENJIANG WANG	H02J3/38; F03D9/00; H02N6/00	Wind-solar combined generating set
CO6241180 A2 20110120	US20070912231P 20070417	AEROKINETIC ENERGY CORP [US]	F03D3/02; F03D9/00	GENERADOR DE ENERGIA IMPULSADO POR FLUIDOS
CU23619 A3 20110127	CU20090000022 20090211	CONG YANG [CN]; CONG [CN]	F03D9/00	CONJUNTO DE MOTORES DE GAS-VIENTO Y VEHÍCULO DE MOTOR QUE COMPRENDE EL MISMO
CU23620 A3 20110127	CU20070000118 20070522	CONG YANG [CN]; CONG [CN]	F03D9/00; F03D9/02	MOTOR Y VEHÍCULO DE MOTOR DE VIENTO NEUMÁTICO
CU23672 A3 20110527	CU20080000206 20081107	KITE GEN RES S R L [IT]	F03D5/00	SISTEMA Y PROCESO PARA CONTROLAR AUTOMÁTICAMENTE EL VUELO DE PERFILES ALARES DE POTENCIA
CZ20090530 A3 20110223	CZ20090000530 20090810	PAVELKA JAROSLAV [CZ]	F03D5/02; F03D9/00	Local atmospheric planetary power station

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CZ21945U U1 20110323	CZ20110023925U 20110211	KOS JIRI [CZ]	F03D9/02	Apparatus for producing electrical energy
DE102009012 907 A1 20110407	DE200910012907 20090312	MISLAVSKYY OLEKSANDR [DE]	F03D1/06	Wind power machine for converting kinetic energy of wind into electrical power, has rods, where direction of inclination of side surfaces of rods is provided towards wind direction and holders of rods at blades include fields for blades
DE102009017 641 A1 20110505	DE200910017641 20091023	JACH ANJA [DE]	F03D3/02; F03D1/02	Wind power plant e.g. large wind power plant, for power generation at e.g. landscape, has modules and clockwise and counter-clockwise rotors producing air flow to directly guide air flow on to rotors, where plant is expanded or reduced
DE102009026 131 B3 20110210	DE200910026131 20090707	EMB SYSTEMS AG [DE]	F16D65/095; F03D7/02; F03D11/00	Braking assembly of wind turbine power plant, includes guide component fitting into recess such that floating brake yoke slides upon it
DE102009026 133 A1 20110120	DE200910026133 20090707	EMB SYSTEMS AG [DE]	F03D11/00; F16D55/22	Brake arrangement for wind energy plant, has brake carrier and multiple guiding elements, in which hole is provided, where fastening unit is extended in hole
DE102009026 372 A1 20110217	DE200910026372 20090814	SSB WIND SYSTEMS GMBH & CO KG [DE]	F03D7/00	Verfahren zum Steuern einer Windkraftanlage
DE102009027 981 A1 20110127	DE200910027981 20090723	SUZLON ENERGY GMBH [DE]	F03D7/00	Verfahren zum Betreiben einer an einem Stromnetz angeschlossenen Windturbine sowie zur Durchführung des Verfahrens geeignete Windturbine
DE102009028 612 A1 20110224	DE200910028612 20090818	ZAHNRADFABRIK FRIEDRICHSHAFEN [DE]	F03D11/00; F03D7/00	Windkraftanlage und Verfahren zur Betriebssteuerung einer Windkraftanlage
DE102009028 820 A1 20110224	DE200910028820 20090821	BIERMANN VALENTIN [DE]	F03D3/04; F03D3/02	Wind turbine, has axial surfaces partially covered with flow conducting device, so that axial inflow opening is formed, and turbine blades blowing against flow directed on axial surfaces by axial inflow opening
DE102009028 822 A1 20110224	DE200910028822 20090821	BIERMANN VALENTIN [DE]	F03D3/02; F03D3/04	Wind turbine arrangement for use in wind power plant, has flow guiding units, radial flow guiding unit and axial flow guiding unit formed such that auxiliary flow flowing away from two rotors is directed to other two rotors

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DE102009028 946 A1 20110303	DE200910028946 20090827	GORTAT MANFRED [DE]	F03D3/06	Wind turbine for converting wind force into electricity or mechanical force, has rotor blades tiltable between two positions around drag axes, and coupling device provided for synchronous pivoting of rotor blades between positions
DE102009032 578 A1 20110113	DE200910032578 20090710	KRANZ STEFAN [DE]; WELP MARKUS [DE]	F03D11/00; F03D7/00	Wind power plant for producing electrical energy, has suspension pole, at which wind rotor is fixed in rotating manner, where wind rotor obtains generator current which is conveyed in current network
DE102009032 873 A1 20110120	DE200910032873 20090713	PINTSCH BUBENZER GMBH [DE]	F03D11/00	Bremseinrichtung für Windenergieanlage
DE102009033 272 A1 20110113	DE200910033272 20090709	MPP GBR IN GES HERMA CHRISTIANE MEUSER UND RENATE PLEIKIS [DE]	F03D9/02; F03D7/00; F03D11/02	Hydrostatic drive for wind turbine, has controller setting drive torque of drive shafts such that torque equilibrium exists between rotor and synchronous generators during parallel operation of drive with network
DE102009034 012 A1 20110127	DE200910034012 20090721	SKF AB [SE]	F16B19/00; F03D11/04; F16B21/00; F16C35/063	Verfahren und Vorrichtung zum axialen Sichern eines Maschinenelements
DE102009034 116 A1 20110203	DE200910034116 20090720	PETERSEN TORSTEN [DE]	F03D11/04	Planetary gear for wind energy plant, has control for generating preset constant rotational speed of drive shaft, and hydraulic motor for fixing hollow wheel in idle condition and rotating hollow wheel in driving condition
DE102009034 608 A1 20110210	DE200910034608 20090727	SIEMENS AG [DE]	H02K9/00; F02G1/043; F02G5/00; F03D9/00; H02K7/00; H02N11/00	Machine e.g. electrical machine, has energy recovery device i.e. cylindrical-piston stirling motor, converting heat energy into electrical or mechanical energy and coupled with cooling device
DE102009034 609 A1 20110203	DE200910034609 20090727	SIEMENS AG [DE]	H02K9/18; F03D9/00	Machine i.e. machine system, for use in power station for production of electricity, has energy recovery mechanism coupled with element of electrical machine, which is heated during operation of electrical machine

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DE102009034 832 A1 20110203	DE200910034832 20090727	WINERGY AG [DE]	F16H35/10; F03D1/00	Getriebe für industrielle Anwendungen oder Windkraftanlagen
DE102009035 187 A1 20110210	DE200910035187 20090729	JENSEN MARTEN [DE]	F03D1/06	Rotor for wind turbine, has gear for adjusting angle of rotor blades, and spiral spring anti-swivelably connected with bevel gear, where ends of spring are connected with hub and bevel pinion, respectively
DE102009035 248 A1 20110203	DE200910035248 20090729	SUZLON ENERGY GMBH [DE]	F03D11/00; F03D1/06; F03D11/04	Gehäuse für eine Windturbine
DE102009035 689 A1 20110203	DE200910035689 20090730	EADS DEUTSCHLAND GMBH [DE]	B64C27/46; B63H1/26; B64C11/00; F01D5/16; F03D1/06; F03D3/06	Fluid-dynamic effective rotor e.g. propeller, for use in e.g. ship, has contour regions arranged in relationship e.g. coincidental relationship, of part of rotor blades so that regions blow-out waves of specific wavelength and frequency
DE102009035 749 A1 20110203	DE200910035749 20090801	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/04; F03D9/00; F03D11/00	Bearing construction i.e. angular ball bearing, for rotor bearing of wind power plant, has roller body series with pressure lines that intersect each other, where intermediate angle between lines ranges between specific degree
DE102009035 750 A1 20110203	DE200910035750 20090801	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/04; F03D9/00; F03D11/00	Einlagerkonstruktion sowie Windkraftanlage mit der Einlagerkonstruktion
DE102009036 789 A1 20110210	DE200910036789 20090808	COADY JESSIE VINCENT [DE]	F03D5/06; F03B7/00; F03B13/14	Compensation aggregate for use as energy generation aggregate for e.g. wind turbine system, has base frame, and bearing recesses fastened to base frame, where pivotable frame element in base frame is mounted at bearing recesses
DE102009037 005 A1 20110217	DE200910037005 20090812	BOSCH GMBH ROBERT [DE]	F16H57/08; F03D11/04; F16H1/46	Planetary gear for azimuth or pitch drives of wind energy plant, has drive- and output shafts, which are in effective connection over planetary stage, where bearing pins of planetary stage are formed with planetary carrier as single piece
DE102009037 237 A1 20110217	DE200910037237 20090812	REPOWER SYSTEMS AG [DE]	F03D7/00	Verfahren und Anordnung zur automatischen Konfigurationsparameterkontrolle bei Windenergieanlagen

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DE102009037 239 A1 20110217	DE200910037239 20090812	REPOWER SYSTEMS AG [DE]	F03D7/00; F03D7/02	Windenergieanlage mit einstellbarer Leistungsreserve
DE102009037 493 A1 20110217	DE200910037493 20090813	BROSI MARKUS [DE]; HABERZETTL MATTHIAS [DE]	F24J2/40; F03D9/00	Solarenergieanlage zur Installation an bzw. in Gebäuden
DE102009037 944 A1 20110303	DE200910037944 20090818	LINDSTROT WALTER [DE]	F03D9/00; B60S5/00	Device assembly for fuel system of motor vehicle, has wind generator for producing current, where water is separated into hydrogen and oxygen by current
DE102009038 076 A1 20110224	DE200910038076 20090819	BUCKEL KONRAD [DE]	F03D1/06; F03D1/04	Rotorelement zur Umströmung durch ein Fluid und Rotor
DE102009038 339 A1 20110609	DE200910038339 20090821	JOCHLER KLAUS [DE]	F03D3/06	Vertically running rotor for generating energy from wind power, has star-shaped sails movably arranged at rotation axles and aligned in position within rotation axles and independent of each other according to wind
DE102009038 768 A1 20110303	DE200910038768 20090827	SMART BLADE GMBH [DE]	F03D1/06	Airfoil section for complex geometric shaped rotor blade of wind turbine, has leading edge including flexible outer layer and extended with adjusting unit to ensure adjustment of outer contour of leading edge
DE102009039 319 A1 20110303	DE200910039319 20090831	AHLERS PHILIPP [DE]; LEUENBERG HORST DIETRICH [DE]; NITSCHKE FRANK [DE]	F03D3/06; B63H9/02; F03D3/02; F03D9/00	Wind wing for rotor unit, particularly wind rotor of wind-power plant, has vertical axle and particularly implemented curved form
DE102009039 340 A1 20110303	DE200910039340 20090829	BOSCH GMBH ROBERT [DE]	F03D7/00	Betriebsführungssystem einer Windenergieanlage und Verfahren unter Verwendung des Betriebsführungssystems
DE102009039 490 A1 20110303	DE200910039490 20090831	BOSCH GMBH ROBERT [DE]	F03D11/00; F03D7/00	Rotor blade for wind turbine, has cable that extends from position of sensor unit in rotor blade up to CPU in hub, where CPU is provided with diode laser or LED as energy source for sensor unit
DE102009039 930 A1 20110505	DE200910039930 20090822	CHU YU-LIN [TW]	F24J2/00; F03B13/00; F03D9/00; F03G6/02	Power generating system, has shaft attached to central side of running wheel and rotated with running wheel, and generator connected with shaft for transmitting converting energy transmitted from shaft into electric energy

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DE102009040 200 A1 20110324	DE200910040200 20090907	SCHEUERLE FAHRZEUGFABRIK GMBH [DE]	B60P3/40; B60P3/41; F03D11/04	Transporting device for oblong object, particularly rotor blade of wind turbine, has platform, on which oblong object is transported
DE102009040 219 A1 20110310	DE200910040219 20090907	MIRAKA VULLNET [DE]; MUSAJ BESNIK [AL]	F03D9/00	System for using energy from upwardly directed air flow, has tube provided with openings, where openings are closeable over flaps and side air is absorbed via openings according to venturi principle and is carried by main flow in tube
DE102009040 348 A1 20110210	DE200910040348 20090905; DE200910036151 20090805	BOSCH GMBH ROBERT [DE]	F16H1/22; F03D11/04	Driver for wind power device, has driver shafts rotatably fixed by fixed bearing and movable bearing, where fixed bearing is formed by pair of conical roller bearings
DE102009040 467 A1 20110310	DE200910040467 20090908	BARCZAK ROZA [DE]	F03D3/04	Vorrichtung nach Art einer Windturbine
DE102009040 515 A1 20110310	DE200910040515 20090903	GRIMM FRIEDRICH [DE]	F03D1/06	Rotor blade for three-wing wind turbine of wind power plant, has hollow profile reinforced so that bending-, shear- and torsion-resistant cell is formed between transverse grids, where cell causes local and global reinforcements of blade
DE102009040 620 A1 20110310	DE200910040620 20090908	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/00; F16D65/09	Brake lining for wind energy plant, has friction lining attached on friction lining carrier, which is made of plastic material, where friction lining carrier is made of components that comprise fibers, filling material and plastic
DE102009040 648 A1 20110310	DE200910040648 20090909	EBRECHT WILHELM [DE]	F03D11/04	Floatable off shore-wind power plant, has constructional unit arranged at floatable body and comprising poles, at which rotor is supported in rotatable manner, where poles comprise drop-shaped cross sectional contour
DE102009041 530 A1 20110407	DE200910041530 20090915	WEH HERBERT [DE]	H02K7/09; F03D9/00; F03D11/04; H02K19/38	Combination of electromagnetic axial field transducer and axially stable magnetic bearing for transformation of energy in e.g. hydraulic power application, has yoke elements whose reciprocal effect is overlapped with normal force effect
DE102009041 982 A1 20110414	DE200910041982 20090917	SCHULER PRESSEN GMBH & CO [DE]	F03D11/04	Verfahren zur Leitungs montage im Turm einer Windkraftanlage

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DE102009042 536 A1 20110407	DE200910042536 20090922	ZWEIGLE STEFFEN [DE]	F03D3/04	Vertical-rotor wind turbine for producing rotational energy, is designed based on vertically rotating turbine with surrounding funnel construction and attached guiding elements for efficient air flow
DE102009043 374 A1 20110331	DE200910043374 20090821	JOCHLER KLAUS [DE]	F03D3/06; F03D3/04	Device for power production from wind energy, comprises wind collector device, wind guiding unit and wind energy rotor, where wind collector device comprises cylindrical housing which comprises baseplate
DE102009043 785 A1 20110331	DE200910043785 20090930	JOCHLER JUERGEN [DE]	F03D3/06; F03D3/00; F03D3/02	Vertical wind power plant for direct conversion of wind energy into electrical current, has horizontal rotor blade sections movably fixed at rotor shaft in vertical direction, where sections are asymmetrically offset to each other
DE102009044 603 A1 20110526	DE200910044603 20091120	HIWIN MIKROSYSTEM CORP [TW]	F03D11/00; F03D7/02	Device for protection against wind and for decelerating wind power plant, has anemometer mounted on wind power plant, which generates signals of wind direction and wind velocity
DE102009045 467 A1 20110414	DE200910045467 20091007	SSB WIND SYSTEMS GMBH & CO KG [DE]	F03D1/06	Rotor für eine Windenergieanlage
DE102009045 932 A1 20110428	DE200910045932 20091022	INGBUERO PERSANG GMBH & CO KG [DE]	F03D9/00; F03D5/00	Device for converting wind flow energy into electrical energy, has two wind power devices arranged at distance from each other
DE102009048 081 A1 20110407	DE200910048081 20091002	HERAEUS NOBLELIGHT GMBH [DE]	G21K5/04; F03D11/00	Infrarotbestrahlungsvorrichtung, insbesondere Infrarotbestrahlungsheizung mit einem Infrarotstrahler
DE102009048 735 A1 20110414	DE200910048735 20091008	BOSCH GMBH ROBERT [DE]	F03D11/00; F03D11/04	Antriebsstrang und Windkraftanlage
DE102009048 766 A1 20110414	DE200910048766 20091008	BOSCH GMBH ROBERT [DE]	F03D11/00	Antriebsstrang und Windkraftanlage
DE102009048 767 A1 20110414	DE200910048767 20091008	BOSCH GMBH ROBERT [DE]	F03D11/00	Antriebsstrang und Windkraftanlage

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DE102009048 984 A1 20110414	DE200910048984 20091009	WAGNER PAUL [DE]	E04H12/00; E04H12/08; F03D11/04	Wind power-tower plant has foundation and tower pipe which holds rotary nacelle with rotor consisting of hub and rotor blades
DE102009049 769 A1 20110421	DE200910049769 20091016	SUZLON ENERGY GMBH [DE]	F03D11/04	Lageranordnung für eine Windturbine
DE102009049 906 A1 20110414	DE200910049906 20091012	STROMAG WEP GMBH [DE]	F16D65/42; F03D11/00; F16D55/224	Disk brake for azimuth drive of horizontally rotating housing of wind turbine, has brake housing which has central holding fixture for disk ring to be braked, where holding fixture is assigned to upper or lower cam movable brake shoes
DE102009050 235 B3 20110512	DE200910050235 20091021	WINDCOMP GMBH [DE]	F03D7/00	Verfahren zum Steuern einer Windenergieanlage
DE102009051 411 A1 20110505	DE200910051411 20091030	SMART BLADE GMBH [DE]	G01P5/02; F03D7/00	Device for determining airflow at rotor blade of wind turbine, has sensor unit measuring aerodynamic forces caused by airflow at mounting points at rotor blade and eliminating centrifugal forces at rotor blade during rotation of rotor blade
DE102009051 859 A1 20110505	DE200910051859 20091104	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F16C19/22; F03D11/04	Two-row roller bearing for receiving large loads in wind energy plant for converting wind energy into electrical energy, has roller bodies arranged between inner ring and outer ring and designed as idle pulley bearing
DE102009051 963 A1 20110505	DE200910051963 20091104	IFM ELECTRONIC GMBH [DE]	F03D11/00; F03D7/00	Inclination sensor for wind power plant, has proximity switch signalizing switching output on safety circuit and de-energizing wind power plant, where desired position corresponds to equilibrium position of fastening element
DE102009052 240 A1 20110512	DE200910052240 20091106	FEV MOTORENTECH GMBH [DE]	F03D11/04	Turbine power plant i.e. wind turbine, has rotor and generator coupled together via drive train, where planetary gear is arranged in drive train between rotor and generator in front of transmission unit
DE102009052 493 B3 20110331	DE200910052493 20091111	EES GMBH [DE]; KROEGER UWE [DE]	F03D11/04	Wind power plant for generating electrical energy from wind energy, has generators including stators that are connected with each other at thrust bearing at which differential bearing of differential gear is rotatably retained

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DE102009053 334 A1 20110519	DE200910053334 20091117	LIEDTKE DIETER WALTER [DE]	F03D9/00; H01L31/052	Photovoltaic solar cell and air cooling solar cell system or wind turbine combination for high energy output of electric energy generation, has wind turbine and solar cell utilizing wind channel of wheels for cooling air of solar cell
DE102009053 840 A1 20110526	DE200910053840 20091118	BOSCH GMBH ROBERT [DE]	F03D11/04; F03D11/00	Generatorgetriebe
DE102009054 032 A1 20110526	DE200910054032 20091120	REPOWER SYSTEMS AG [DE]	G01R31/00; F03D11/00	Testing device for multi winding transformer of wind turbine generator system, has coupling transformer including secondary winding that is connected with additional source in connection arm, and primary winding connected to another arm
DE102009055 175 A1 20110630	DE200910055175 20091222	ZUEBLIN AG [DE]	E02D27/42; E02D27/04; E02D27/52	Nachjustierbare Flächengründung, bevorzugt aufgelöst, für Offshore-Windenergieanlagen
DE102009055 726 A1 20110601	DE200910055726 20091126	AERODYN ENG GMBH [DE]	E04H12/00; F03D11/04	Inner installation element for tubular tower of wind turbine, has module element for allowing shifting of element along inner wall of tubular tower in axial direction, where module and supporting elements are fastened to corner posts
DE102009055 784 A1 20110526	DE200910055784 20091125	SIEMENS AG [DE]	F03D7/00; F03D11/00	Windkraftanlage und Verfahren zur Temperaturregulierung mindestens einer Komponente einer Windkraftanlage
DE102009056 066 A1 20110609	DE200910056066 20091130	WITTHOHN LUTZ [DE]	F03D7/00; F03D1/02; F03D9/00	Wind power station for use in e.g. land for supplying current to national power supply system, has permanent magnet excited synchronous generators electronically controlled for producing maximum power of station for each wind speed
DE102009056 245 A1 20110609	DE200910056245 20091201	AERODYN ENG GMBH [DE]	F03D11/00; F03D11/04	Windenergieanlage mit Hebevorrichtung
DE102009056 309 A1 20110519	DE200910056309 20091130; DE200910050557 20091023	WALTER ERICH [DE]	F03D5/04; F03D3/04; F03D9/00	Motor vehicle for use with turbine arrangement, comprises wind turbine which is propelled by wind for driving motor vehicle, where generator is driven for producing electricity, where air duct is provided at motor vehicle

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DE102009057794 A1 20110616	DE200910057794 20091211	EBRECHT WILHELM [DE]	B63B21/50; B63B22/04; B63B35/44; F03D11/00	Floatable offshore-wind turbine comprises a floating body, masts and rotors arranged on the floating body as construction, two handle bars that are mounted in different height on the construction and are coupled with an anchoring device
DE102009058101 A1 20110616	DE200910058101 20091212	BAYER MATERIALSCIENCE AG [DE]	F03D1/06; B29C70/00	Verwendung von Schichtaufbauten in Windkraftanlagen
DE102009058124 A1 20110616	DE200910058124 20091212	FONDASOLUTIONS S A R L [FR]; SCHMEES BAU GMBH [DE]	E02D27/42; E04H12/22; F03D11/04	Method for manufacturing concrete foundation for tower of wind turbine, involves providing tower with base-absorbing head, where reinforcement is made of steel parts
DE102009058268 A1 20110616	DE200910058268 20091214	LIEBHERR WERK EHINGEN [DE]	B66C13/04; F03D11/04	Crane e.g. crawler crane, has hoist rope guided over arm and including control cables that are provided with control ropes, where control ropes are directly attached to load i.e. rotor
DE102009058277 A1 20110616	DE200910058277 20091213	STIFTUNG A WEGENER INST POLAR [DE]	B63C11/52	Vorrichtung zur Nutzung von technischen Geräten im Unterwasserbereich
DE102009058335 A1 20110616	DE200910058335 20091215	STUTE MANFRED [DE]	F03D9/00; F03D9/02	Solar and wind energy source for supplying power to e.g. home, has solar cell module dimensioned on housing, so that housing is covered in day time during sun shine and energy is stored in storing device for utilizing energy at night
DE102009058355 A1 20110616	DE200910058355 20091215	SKF AB [SE]	F16C23/06; F03D11/04	Antifriction bearing device for bearing arrangement, has inner ring with inner ring carrier, outer ring with outer ring carrier, and rolling unit shifting between inner ring carrier and outer ring carrier
DE102009058405 A1 20110616	DE200910058405 20091215	BOSCH GMBH ROBERT [DE]	F03D11/04	Transmission-rotor shaft connection for wind turbine, has ring fastened at edge of borehole and enclosing transmission shaft, and circular channel formed in borehole between ring and collar
DE102009058697 A1 20110622	DE200910058697 20091217	WEH HERBERT [DE]	F03D9/00	Wind power plant, has directly driven generator for generating electric power with propeller, where hub star of rotor of generator is designed as winged wheel and wings of conversion stages possess low-resistance lifting profile

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DE102009059 284 A1 20110630	DE200910059284 20091222	2 B ENERGY B V [NL]	F03D7/00; F03D11/00; H02P9/02	Wind turbine for use in e.g. electricity generation arrangement in land, has power converter and generator switching device that are controlled by generator controller and control electric current flowing through one of rotor winding sets
DE102009059 655 A1 20110622	DE200910059655 20091219	SCHAEFFLER TECHNOLOGIES GMBH [DE]	F03D11/00; F03D11/04	Lubricant monitoring device for wind power plant, comprises lubricant containing sample area, and sensor, which work together with sample area, where sample area is arranged in sections inside antifriction bearing
DE102009059 668 A1 20110622	DE200910059668 20091219	BOSCH GMBH ROBERT [DE]	F03D11/00; F03D7/00	Wind energy plant for generating electricity, has rotor comprising rotor head and rotor blades, and wind detection system rotatably arranged at carrier at rotor head and detecting wind in predetermined minimum distance
DE102009059 671 A1 20110622	DE200910059671 20091219	BOSCH GMBH ROBERT [DE]	F03D11/04; F03D9/00	Generatoranordnung für eine Windenergieanlage
DE102009059 715 A1 20110622	DE200910059715 20091218	HAYER HELMUT EMMERICH [DE]	F03D5/04; F03D9/00	Method for generating energy, electric-energy without carbon di-oxide emission, involves mounting turbine, propeller and marine propeller on transportation unit and conveyance unit for driving rotor
DE102009060 437 A1 20110630	DE200910060437 20091222	KELAIDITIS KONSTANTIN [DE]	F03D5/02; F03D3/06	Vorrichtung zur Nutzung von Strömungsenergie
DE102009060 971 A1 20110616	DE200910060971 20091209	WEDEL ANATOLI [DE]	F03D11/00	Solar panel for wind turbines, is provided with wind turbine pillars that are approximately fifty to sixty meter high, where pillars are provided for solar modules
DE102010002 059 B3 20110601	DE201010002059 20100217	RENK AG [DE]	F16D1/02; F16D1/05; G01M13/02	Kuppelvorrichtung, damit ausgerüstete Prüfanordnung und Verfahren zum Kuppeln eines Grossgetriebes mit einer rotativen Einrichtung
DE102010002 181 B3 20110609	DE201010002181 20100222	ZUEBLIN AG [DE]	E04H12/34; E02D27/52; F03D11/04	Onshore-production plant for manufacturing offshore wind energy plant in e.g. port, has heavy load-module transporters provided on running tracks for transporting between intermediate storage facilities if necessary

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
DE102010014 453 A1 20110609	DE201010014453 20100409	SKF AB [SE]	F16C19/36; F03D11/04	Bearing arrangement i.e. tapered roller bearing, for use in gear i.e. planetary gear, of wind turbine, has supporting ring cooperating with plate spring such that force acting in direction of flange is exerted on truncated ball rollers
DE102010018 412 A1 20110127	DE201010018412 20100415; DE200910061025 20090419	TIMBER TOWER GMBH [DE]	E04H12/02; E04H12/04; E04H12/34; F03D11/04	Tower for wind power plant, has wall sections made up of laminated wooden material and connected with each other by connecting element and arranged offset to each other, and integral part whose upper impact side includes permanent line
DE102010044 400 A1 20110526	DE201010044400 20100904; DE200920015506U 20091113	FRANZ HESEDENZ GMBH [DE]	E04B2/90; F03D9/00	Doppelfassade
DE102010046 711 A1 20110421	DE201010046711 20100928; DE200910043025 20090928	SMART BLADE GMBH [DE]	F03D1/06; F03D1/04	Rotor blade for wind power plant, has main wing including leading edge, profile surface and trailing edge, and auxiliary wing arranged at specific distance from profile surface of main wing during operation
DE112009000 872 A5 20110120	DE200810009351 20080214; WO2009DE00209 20090216	INNOVATIVE WINDPOWER AG [DE]	F03D11/00	Vorrichtung zur Drehmomentbegrenzung in einem Triebstrang
DE112009000 887T T5 20110331	RSP20080151 20080409; WO2009RS00014 20090407	ISIDOROVIC RATKO [RS]	F03D11/04; F03D3/00; F03D3/06	Turbine mit windoszillierenden Flügeln
DE112009001 193 A5 20110512	DE200810024351 20080520; WO2009EP03609 20090520	GIGER URS [CH]	F03D11/04; F16H1/28	Windkraftanlage, Getriebe für eine Windkraftanlage und Flexpin
DE112009001 508 A5 20110331	DE200810018907 20080414; WO2009DE00482 20090414	INNOVATIVE WINDPOWER AG [DE]	F03D1/00; F03D11/00; F03D11/04	Verfahren zur Demontage eines Azimutantriebs

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DE112009001 959 A5 20110512	DE200810027365 20080609; WO2009DE00808 20090608	INNOVATIVE WINDPOWER AG [DE]	F03D11/00	Flüssigkeitsableitungsvorrichtung für eine Windenergieanlage
DE20122941 U U1 20110224	WO2001EP08074 20010712; DE20001033845 20000712; DE20012022941U 20010712	WOBEN ALOYS [DE]	E04C5/08; E04B1/68; E04C5/10; E04C5/12; E04G21/12; E04H12/12; E04H12/16; F03D1/00; F03D11/04	Turm aus Spannbeton-Fertigteilen
DE202004021 807U U1 20110310	WO2004US17079 20040528; US20030474836P 20030530; US20030475210P 20030602	OSRO GMBH [DE]; REM TECHNOLOGIES [US]	F16H1/28; B24B31/00; F03D11/04; F16H55/06	Planetengetriebe als Vorstufe für einen grossen Windturbinengenerator
DE202008014 000U U1 20110203	DE200820014000U 20081020	KREFT GUNTER [DE]	F03D1/06	Windkraftmaschine mit horizontaler Rotorachse
DE202009004 556U U1 20110428	DE200920004556U 20090325	NAFFIN FRIEDRICH HELGE [DE]	F03D9/00	Ausnutzung zur Stromerzeugung an Starkstrommasten der Überlandleitungen
DE202009016 644U U1 20110421	DE200920016644U 20091208	EVERS HEINZ [DE]	F01K1/02; F03D9/02	Energiespeicheranlage
DE202009016 920U U1 20110505	DE200920016920U 20091215	SVENDBORG BRAKES AS DEUTSCHLAND [DE]	F03D7/00; F03D11/00	Windenergieanlage mit einer lastoptimierenden Brems- und Überwachungseinheit
DE202010000 323U U1 20110622	DE201020000323U 20100305	LAETZSCH GMBH KUNSTSTOFFVERARBEITUNG [DE]	F03D1/06	Windflügel für eine Strömungsenergieanlage

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DE202010001773U U1 20110113	DE201020001773U 20100608	SMOLKA PETER PAUL [DE]	F03D1/06; F03D11/00	Leistungsstarkes Rotorblatt
DE202010002046U U1 20110609	DE201020002046U 20100209	MATSAK ANATOLIY [DE]	F03D7/00; F03D3/06; F03D11/00	Computergesteuert Wind- Wasserturbine Matsak
DE202010002348U U1 20110421	DE201020002348U 20100214; DE200910057883 20091211	SCHILLER ROLF [DE]	F03D9/00; F03D1/04; F03D9/02	Unabhängiger Energielieferant für Elektrizität, insbesondere für Kleinverbraucher im Niederspannungsbereich
DE202010004093U U1 20110505	DE201020004093U 20100323	WOBEN ALOYS [DE]	F03D11/04	Hebeeinheit zum Heben eines Rotors einer Windenergieanlage
DE202010008885U U1 20110217	DE201020008885U 20101025	HOPEWELL WIND POWER LTD [VG]	F03D11/04; F03D3/00; F03D11/00	Windturbine mit vertikaler Achse
DE202010009232U U1 20110407	DE201020009232U 20100618	NEUMANN RICHARD [AT]	F03B3/00; F03D3/00	Strudel und Tornadoturbine mit Behälter
DE202010010780U U1 20110120	DE201020010780U 20100728; DE200920015843U 20091120	ENERTRAG WINDFELD SYSTEMTECHNIK GMBH [DE]	F03D11/00	Radaranlage zur Sicherung von Windparks
DE202010010781U U1 20110127	DE201020010781U 20100728; DE200920015845U 20091120	ENERTRAG WINDFELD SYSTEMTECHNIK GMBH [DE]	F03D11/00	Radaranlage zur Luftraumüberwachung in Windparks
DE202010010782U U1 20110127	DE201020010782U 20100728; DE200920015844U 20091120	ENERTRAG WINDFELD SYSTEMTECHNIK GMBH [DE]	F03D11/00	Radaranlage zur Vogelerkennung in Windparks
DE202010011597U U1 20110105	DE201020011597U 20100818	PACARDO STEPHAN [DE]	F03D3/06	Rotorflügel für Vertikalwindkraftanlagen

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DE202010012499U U1 20110303	DE201020012499U 20100913; DE201020006349U 20100501	KAHNERT HOETGER SILVIA [DE]	F03D5/00	Vorrichtung als Stromrecycler
DE202010012597U U1 20110120	DE201020012597U 20100914	WEBNER MICHAEL [DE]	F03D7/00; F03D11/00	Robuste, energieoptimierte Betriebsführung für netzgeführte, drehzahlstarre bzw. quasi drehzahlstarre Kleinwindenergieanlagen
DE202010014526U U1 20110120	DE201020014526U 20100611	STROMAG WEP GMBH [DE]	F03D11/00	Scheibenbremse für einen Antrieb einer Windkraftanlage
DE202010014682U U1 20110120	DE201020014682U 20101027	HAWART SONDERMASCHB GMBH [DE]	B29C33/26; F03D1/06	Formwerkzeuganordnung zum Herstellen von Rotorblättern für Windkraftanlagen
DE202010014698U U1 20110414	DE201020014698U 20101022	ETEZADZADEH JASMIN JEANNEMARIE [DE]	F03D9/00; F03D3/06	Windfahne, oder gattungsmässiger Art zur Energiegewinnung
DE202010014847U U1 20110120	DE201020014847U 20100329; DE201010006299 20100120	STROMAG WEP GMBH [DE]	F16D65/20; F03D11/00	Hydraulische Bremsvorrichtung für einen Azimutantrieb einer Windkraftanlage sowie Steuervorrichtung hierfür
DE202010015102U U1 20110105	DE201020015102U 20101108	ETEZADZADEH JASMIN JEANNEMARIE [DE]	F03D9/00	SOG-KAMIN/SOG-SCHORNSTEIN, eine Windturbine zum Zwecke der Stromerzeugung, oder gattungsmässiger Art zur Energiegewinnung
DE202010015298U U1 20110317	DE201020015298U 20101110	HAERING LARS [DE]; QUENT ANDREAS [DE]	F03D3/06	Windrad mit Kurvenbahnsteuerung
DE202010015381U U1 20110421	DE201020015381U 20101030; DE201020011459U 20100817	WIESCHEMEYER BERND [DE]	F03D9/00; F03D3/04	Montage und Windführungselement zur effektiven Nutzung von Windenergie im Firstbereich geneigter Dächer
DE202010016002U U1 20110310	DE201020016002U 20101201	NORDEX ENERGY GMBH [DE]	F03D11/04	Mobiler Montageausleger für eine Windenergieanlage

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DE202010016013U U1 20110217	DE201020016013U 20101130	RAATZ ERICH [DE]	F03D3/04; F03D3/02	Windrichtungsunabhängige Windturbine mit vertikalem Rotor, mehrreihiger Einleitflächenkonstruktion und tropfenförmig profilierten Rotorblättern
DE202010016433U U1 20110217	DE201020016433U 20101202	ASIA VITAL COMPONENTS CO LTD [TW]	F03D9/00	Windkraftstromerzeuger für elektronische Produkte
DE202010016552U U1 20110217	DE201020016552U 20101208	KROKER THOMAS [DE]	F03D3/06	Vorschubvorrichtung zur Umlenkung geradliniger, kinetischer Kraft in Rotationsenergie
DE202010017165U U1 20110428	DE201020017165U 20101230; DE200910060763 20091230	HABEK NENAD [DE]; HOEFGEN SIEGFRIED [DE]; LANGLOTZ HOLGER [DE]; SCHULER ALFRED [DE]	F03D1/06; F03B3/08; F03B5/00; F03D1/02; F03D5/02	Geometrische Anordnung von Teilen eines Energiewandlers und Turbinenanordnung zur Umwandlung von in einer Strömung eines Fluids enthaltener Energie in elektrische Energie
DE202011001101U U1 20110317	DE201120001101U 20110107	UNGER FRITZ [DE]	F03D1/06	Windkraftwerksrotor
DE202011001338U U1 20110505	DE201120001338U 20110222	WAGNER JUERGEN [DE]	F03D11/00; F03D11/04; G09F23/00	Nutzungszugewinn für Windkraftanlagen durch Zusatznutzung der Türme/Masten mittels optischer oder beleuchteter Werbung
DE202011001452U U1 20110317	DE201120001452U 20110113	UNGER FRITZ [DE]	F03D1/06; F03D9/00	Rotor für Windkraftwerksrotor
DE202011001483U U1 20110421	DE201120001483U 20110107	ETEZADZADEH JASMIN JEANNEMARIE [DE]	F03D9/00	WFS-Kamine, oder gattungsmässiger Art zur Energiegewinnung
DE202011001660U U1 20110317	DE201120001660U 20110119	SCHILDHAUER HERMANN [DE]; STEINBACH STEFAN [DE]	F03D1/06; F03D3/06	Flügel für Horizontal-Windrad
DE202011001874U U1 20110421	DE201120001874U 20110124	FUERBETH ALFRED [DE]	F03D3/06; F03D3/04	Windturbine mit Zentrifugalrotor

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DE202011002 029U U1 20110512	DE201120002029U 20110128; DE201010045915 20100921	STEEL DENNIS PATRICK [DE]	F03D3/06	Turbine IV
DE202011002 030U U1 20110512	DE201120002030U 20110128; DE201010054365 20101213	STEEL DENNIS PATRICK [DE]	F03D3/02; F03B1/00; F03B7/00; F03D3/04	Turbinensystem für Wind- und Wasserkraft
DE202011002 702U U1 20110512	CH20100000193 20100217	ZSB AB [CH]	F03D3/02	Doppelter Darrieus-Rotor
DE202011003 015U U1 20110609	DE201120003015U 20110222	KORASTOSCHEVSKI ALEXANDER [DE]; STEINBERGS ALEKSANDRS [DE]	F03D1/06; F03D1/04	Windkraftanlage mit der horizontalen Drehachse
DE202011003 442U U1 20110622	DE201120003442U 20110302	G & S WORLD BRIDGE TRADING AG [CH]	F03D3/06; F03D3/02	Vorrichtung zur Nutzung von Windkraft mit mindestens einem Rotor
DE202011003 456U U1 20110627	DE201120003456U 20110302	G & S WORLD BRIDGE TRADING AG [CH]	F03D3/02	Anlage zur Nutzung von Windkraft
DE202011004 348U U1 20110526	DE201120004348U 20110322	KROKER THOMAS [DE]	F03D3/06; F03D9/00; F03D9/02	Vorschubvorrichtungen zur Umlenkung geradliniger, kinetischer Kraft in Rotationsenergie
DE202011004 827U U1 20110609	DE201120004827U 20110404	LIN TSO TUNG [TW]	F03D11/04	Vorrichtung zur Erzeugung von Elektrizität durch Windkraft
DE202011004 964U U1 20110628	DE201120004964U 20110405	WOCHIAN OLIVER [DE]	F03D3/06	Savonius-Rotor mit zentraler Stützkonstruktion
DE20321844 U U1 20110210	DE20032021844U 20031112; DE20031053118 20031112	SIMON WALTER [DE]	F03D3/02; F03D11/04	Vorrichtung zum Erzeugen von Strom aus Windkraft

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DE20321855 U U1 20110609	DE20032021855U 20030319	VESTAS WIND SYS AS [DK]	E04H12/08; F03D11/04	Stahlurm für eine Windkraftanlage
DK1384002T T3 20110117	DE20011019624 20010420; DE20011038399 20010804; WO2002EP04109 20020412	BAW GMBH [DE]	F03D9/00; F03D7/02; F03D7/04; H02P9/00	Fremgangsmåde til at drive et vindenergianlæg
DK1399673T T3 20110124	DE20011027454 20010607; WO2002EP04484 20020424	WOBEN ALOYS [DE]	F03D7/02; F03D7/04; F03D11/00; H01H19/62	Vindenergianlæg med en kontaktnanordning, der har en aktiveringaksel
DK1483501T T3 20110110	US20020092775 20020307; WO2003US06310 20030303	OCEAN WIND ENERGY SYSTEMS INC [US]	F03D1/02; F03D1/06; F03D7/02; F03D7/04; F03D11/00; F03D11/04	Fremgangsmåde til udvinding af energi fra vindturbiner med et stort antal rotoror
DK1514023T T3 20110110	DE20021025136 20020605; DE20031007682 20030221; WO2003EP05605 20030528	WOBEN ALOYS [DE]	F03D1/06; F03D11/00	Vindenergianlæg
DK1608872T T3 20110214	DE20031014757 20030331; WO2004EP03143 20040325	VOITH TURBO KG [DE]	F03D7/04; F03D11/02; F16H47/08	Drivstreng til overførsel af en variabel ydelse
DK1668245T T3 20110228	DE20031044392 20030925; WO2004EP10816 20040927	REPOWER SYSTEMS AG [DE]	F03D9/00; H02J3/18; H02J3/38	Vindenergianlæg med en blindeffektmodul til netstøtte og fremgangsmåde dertil

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DK1745214T T3 20110214	DE200410023751 20040511; WO2005DE00882 20050511	IGUS INNOVATIVE TECH SYSTEME GMBH [DE]	F03D7/04; F03D7/02	Fremgangsmåde til styring af rotorbladene i et vindenergianlæg samt vindenergianlæg med målesystemer til udøvelse af fremgangsmåden
DK177083B B1 20110627	DK20090001164 20091028	LIFTRA APS [DK]	F03D11/04; B66D3/04; E04G3/30	Indretning for tilvejebringelse af adgang og transport af gods til og fra en vindmøllekonstruktion over terränniveau.
DK1867790T T3 20110606	US20060438792 20060522	GEN ELECTRIC [US]	E02D27/42	Fremgangsmåde og indretning til fundering af et vindenergianlæg
DK1925820T T3 20110214	EP20060124664 20061123	STX HEAVY IND CO LTD [KR]	F03D11/00	Hovedleje til vindmølle
DK1956235T T3 20110214	EP20070102020 20070209	STX HEAVY IND CO LTD [KR]	F03D1/06	Vinge til en vindmølle
DK1956375T T3 20110314	EP20080009630 20060315; EP20060005334 20060315	SIEMENS AG [DE]	G01P3/22; F03D7/04; G01P3/44; G01P15/18	Vindmølle og fremgangsmåde til bestemmelse af i det mindste en rotationsparameter for en vindmøllerotor
DK200901010 A 20110310	DK20090001010 20090909	ANETTE OG BRIAN ROU I S [DK]	B63B27/18; F03D11/00	En sikker, hurtig og bekvem transfer af servicemontører fra skib/båd til offshore vindmøller. Montørerne bliver ikke udsat for elementernes rasen og der er altid opdateret overlevelsesudstyr med.
DK200901011 A 20110310	DK20090001011 20090909	ALTECH V ALFRED LISBJERG PEDERSEN [DK]	F03D3/04	Husstandsmølle og højhusmølle, der primært producere varme.
DK200901388 A 20110630	DK20090001388 20091229	HAUE HOLDING APS [DK]	F03D3/06; F16B7/04	Spåndeordination for fastholdelse af vinger på en vertikal vindmølle
DK200970083 A 20110215	DK20090070083 20090814	LAC ENGINEERING APS [DK]	F03D7/04	Wind turbine and method for controlling a wind turbine using position sensors
DK200970103 A 20110307	DK20090070103 20090828	VESTAS WIND SYS AS [DK]	H02M1/12; F03D9/00; H02J3/18	Power quality control of a wind power plant
DK200970112 A 20110316	DK20090070112 20090915	IB ANDRESEN IND AS [DK]	F03D11/04; E04H12/08; E04H12/34	Tubular building structure with bolted flange

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DK200970146 A 20110406	DK20090070146 20091005	LM GLASFIBER AS [DK]	B25B23/10; B25B27/14; F03D1/06	Værktøj, fremgangsmåde og anvendelse af et sådant værktøj til montage af pindbolte
DK200970170 A 20110325	DK20090070170 20091026	VESTAS WIND SYS AS [DK]	B66C13/08; F03D1/00; F03D11/04	Tag line apparatus and method for assembling wind turbines
DK201000037 U U3 20110610	DK20100000037U 20100222	NIELBECK IND APS [DK]	F03D11/00; F03D1/00	Opfindelsen angår en lås til fastholdelse af traverskran bla. i vindmøller
DK201000188 U U3 20110225	DK20100000188U 20101011	GADE HAURDAHL POVL [DK]	F03D1/00	Ny bærende konstruktion for havvindmølle. Fladefunderet med teleskopisk tårn
DK201001056 A 20110525	DK20090001236 20091124; DK20100001056 20101123	NIELSEN ERIK [DK]	F03D9/02	Vindkraft
DK201070222 A 20110427	DK20100070222 20100527	VESTAS WIND SYS AS [DK]	H02J3/36; F03D9/00; H02M7/487; H02M7/49	Transformerless wind turbine generator
DK201070223 A 20110519	DK20100070223 20100528	VESTAS WIND SYS AS [DK]	F16D1/095; F03D11/00	Shaft connection using band reinforced shrink disc
DK201070231 A 20110601	DK20100070231 20100531	VESTAS WIND SYS AS [DK]	E02B3/24; F03D11/00	A boat landing system for an offshore wind turbine
DK201070232 A 20110616	DK20100070232 20100531	VESTAS WIND SYS AS [DK]	G01K11/18; G01K11/32; H02H5/04	Temperature detection using optical fibre
DK201070266 A 20110617	DK20100070266 20100616	VESTAS WIND SYS AS [DK]	H02K7/18; F03D11/00	Direct drive generator with compliant or elastic rotor coupling
DK201070274 A 20110409	US20090249885P 20091008; DK20090001106 20091008; DK20100070274 20100618	VESTAS WIND SYS AS [DK]	F03D7/04; G05B13/02	Control method for a wind turbine

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DK201070286 A 20110108	US20090498700 20090707	GEN ELECTRIC [US]	F03D7/02	Method and apparatus for controlling the tip speed of a blade of a wind turbine
DK201070321 A 20110629	DK20100070321 20100708	VESTAS WIND SYS AS [DK]	F03D11/02; F16F15/14	A wind turbine comprising a detuner
DK201070439 A 20110501	HK20090110157 20091030	HOPEWELL WIND POWER LTD [VG]	F03D3/06; F03D11/02	Vertical axis wind turbine
DK201100442 A 20110610	DK20110000442 20110610; DK20070001187 20070817	ITI SCOTLAND LTD [GB]	E04H12/34; F03D1/00	En klemmeindretning, en selvfremrykkende klatreindretning og en fremgangsmåde til at koble samme til en rørformet konstruktion.
DK201170060 A 20110509	DK20110070060 20110203	VESTAS WIND SYS AS [DK]	B66C13/08; F03D11/04	METHODS OF MOVING WIND TURBINE BLADES
DK2048452T T3 20110214	SG20070016873 20071009	DRAGON ENERGY PTE LTD [SG]	F24J2/04; E04D13/08; F03D3/02; F03D3/04; F03D9/00; H01L31/048; H01L31/058	Tagbaseret energiomdannelsesystem
DK2084098T T3 20110328	WO2006EP24336 20061123; WO2006EP24337 20061123; WO2007EP13725 20070712; WO2007EP13724 20070712; WO2007EP10221 20071123	SIEMENS AG [DE]	B66C1/42; B66C23/36; F03D1/00; F03D11/04	Fremgangsmåde og indretning til montering af vindmøllevinger
DK2105349T T3 20110314	DK20040001026 20040629; EP20050753544 20050628	VAMDRUP SPECIALTRANSP APS [DK]	B60P3/40; F03D1/00	Ikke-trækkende køretøj til transport af en lang vindmøllevinge

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DK2129908T T3 20110321	DK20070000431 20070320; WO2008DK00103 20080313	VESTAS WIND SYS AS [DK]	F03D1/06	Vindmöllevinger med hvirvel-generatorer
DK2143941T T3 20110131	EP20080012250 20080707	SIEMENS AG [DE]	F03D9/00; F03D11/00; H02K1/18	Direct-drive generator og vindmølle
DK2150699T T3 20110131	DK20070000653 20070430; WO2008DK00169 20080430	VESTAS WIND SYS AS [DK]	F03D7/04; F03D7/02	Fremgangsmåde til drift af en vindmølle med pitch-regulering
DK2166242T T3 20110516	EP20080016489 20080918	SIEMENS AG [DE]	F16C33/66; F03D11/00; F16C33/76; F16J15/16; F16N7/18	Oliesmurt lejeanordning med olieafstryger
DK2171271T T3 20110124	FR20070004762 20070702; WO2008EP57907 20080620	ALIZEO [FR]	F03D11/04	Vindmølle med vipbart tårn
EA201000405 A1 20110630	EA20100000405 20091228	POLESCHUK VLADIMIR FEDOROVICH [KZ]	F03D3/00; F03D9/00	WIND-DRIVEN POWER PLANT
EE01018U U1 20110415	EE20100000022U 20100216	KARU IVO [EE]	F03D5/00; F03D11/00	Tuulegeneraator
EP2268918 A2 20110105	WO2008US09072 20080725; US20070935130P 20070727	SKYBUILT POWER [US]	F03D1/00; F03D7/00; F03D9/00; F03D9/02	RENEWABLE ENERGY TRAILER
EP2268919 A2 20110105	WO2009EP53589 20090326; US20080041731P 20080402	SKYSPIDER APS [DK]	F03D1/00	MAINTENANCE PLATFORM FOR WIND TURBINES

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EP2268920 A1 20110105	WO2009SE50396 20090417; SE20080000945 20080424	HM POWER AB [SE]	F03D11/04	FRAME STRUCTURE FOR SUPPORTING A WIND POWER PLANT
EP2269908 A1 20110105	EP20090164202 20090630	VESTAS WIND SYS AS [DK]	B64D1/00; F03D1/00	Wind turbine generator airship flying concept
EP2270312 A1 20110105	EP20090164277 20090701	PEM ENERGY OY [FI]	F01D5/14; B64C11/16; F02K1/46; F03D1/06	Aero- or hydrodynamic construction
EP2270330 A1 20110105	EP20090164257 20090630	VESTAS WIND SYS AS [DK]	F03D1/00; B64D1/02; B64D1/22; B64F1/12; B64F1/14	Wind turbine generator service by airship
EP2270331 A2 20110105	DK20090070046 20090630	VESTAS WIND SYS AS [DK]	F03D7/00; F03D9/02	Wind turbine with control means to manage power during grid faults
EP2270332 A1 20110105	WO2009ES00110 20090303; ES20080000760 20080314	INGETEA ENERGY S A [ES]	F03D7/04; F03D9/00; H02J3/38	METHOD OF OPERATION OF A WIND TURBINE TO GUARANTEE PRIMARY OR SECONDARY REGULATION IN AN ELECTRIC GRID
EP2271547 A2 20110112	WO2009US39692 20090406; US20080125241P 20080423	PRINCIPLE POWER INC [US]	B63B35/00	COLUMN-STABILIZED OFFSHORE PLATFORM WITH WATER-ENTRAPMENT PLATES AND ASYMMETRIC MOORING SYSTEM FOR SUPPORT OF OFFSHORE WIND TURBINES
EP2271837 A2 20110112	WO2009DE00557 20090416; DE200810022139 20080429	AP AERO POWER LTD [GB]	F03D3/00	DEVICE FOR PRODUCING ELECTRIC ENERGY
EP2271860 A1 20110112	WO2009SE50327 20090330; SE20080000749 20080403	HM POWER AB [SE]	F16H21/12; F03D1/00; F16C3/12	A TORQUE-TRANSMITTING ARRANGEMENT

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EP2272754 A1 20110112	EP20090164207 20090630	VESTAS WIND SYS AS [DK]	B64D1/02; B64D1/22; E04H12/34; F03D1/00	Wind turbine generator installation by airship
EP2273101 A1 20110112	EP20100154694 20040120; EP20040703365 20040120; DE20031005543 20030210	WOBEN ALOYS [DE]	F03D1/00; F03D1/06	Assembly process for rotorblades of a wind turbine
EP2273102 A2 20110112	US20090499855 20090709	GEN ELECTRIC [US]	F03D1/06; B29C73/10	Wind turbine blade repair kit and method
EP2273103 A2 20110112	DE200910031947 20090707	NORDEX ENERGY GMBH [DE]	F03D1/06	Rotor blade for a wind turbine and method for its manufacture
EP2273106 A2 20110112	US20090500648 20090710	GEN ELECTRIC [US]	F03D7/04	Wind turbine aerodynamic separation control
EP2273107 A1 20110112	EP20050000115 20050105; US20040773851 20040204	CLIPPER WINDPOWER INC [US]	F03D9/00; G05D19/02; H02P5/747; H02P9/04	Variable speed distributed drive train wind turbine system
EP2273110 A2 20110112	ES20090001510 20090630	RENOVABLES Y ESPECIALES S L [ES]	F03D11/00	Passive fire protection system for wind turbines
EP2273111 A2 20110112	DE200910032667 20090709	REPOWER SYSTEMS AG [DE]	F03D11/02	Transmission for a wind turbine
EP2273652 A1 20110112	EP20000914063 20000331; DK19990001655 19991117; DK19990000451 19990331	SIEMENS AG [DE]	H02K1/14; F03D9/00; H02K1/18; H02K7/18	Generator, stator module for a generator and use of the generator in a windmill
EP2274514 A1 20110119	WO2009GB00851 20090330; GB20080005713 20080328	BLADE DYNAMICS LTD [GB]	F03D1/06; B32B7/12; B32B7/14; B32B27/08	A WIND TURBINE BLADE

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EP2274515 A2 20110119	WO2009NL50086 20090226; EP20080152152 20080229; EP20090715100 20090226	SINGLE BUOY MOORINGS [CH]	F03D9/00; F03B13/14	OFFSHORE WIND AND WAVE POWER GENERATION SYSTEM AND METHOD THEREOF
EP2274516 A2 20110119	WO2008EP03716 20080508	POWERWIND GMBH [DE]	F03D11/00	WIND TURBINE COMPRISING AN AIR INLET ASSEMBLY
EP2275340 A2 20110119	US20090180644P 20090522; US20090220604P 20090626	KEPPEL FELS LTD [SG]; OFFSHORE TECHNOLOGY DEV PTE LTD [SG]; KEPPEL OFFSHORE & MARINE TECHNOLOGY CT PTE LTD [SG]	B63B35/00; B66C23/52; F03D1/00	Offshore wind turbine installation
EP2275669 A2 20110119	FR20090053990 20090615	SOLETANCHE FREYSSINET [FR]	F03D1/00; F03D11/04	Method, system and device for contributing to the assembly of a wind turbine
EP2275671 A1 20110119	EP20090161960 20090604	UNIV DENMARK TECH DTU [DK]; UNIV CHONGQING [CN]	F03D1/06; F03D11/00	System and method for designing airfoils
EP2275672 A2 20110119	US20090473827 20090528	GEN ELECTRIC [US]	F03D1/06	Boundary layer fins for wind turbine blade
EP2275673 A1 20110119	DK20090070068 20090717; US20090226383P 20090717	VESTAS WIND SYS AS [DK]	F03D1/06	Manufacturing WTG blade having a spar
EP2275674 A2 20110119	EP20020774638 20020921; DE20011048225 20010928	WOB BEN ALOYS [DE]	F03D7/00; F03D7/02; B63H1/06; F03D7/04; F03D9/00; H02J3/38; H02P9/00	Method for operating a wind park

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EP2275675 A2 20110119	EP20030008602 20010331; EP20010927846 20010331; DE20001022974 20000511	WOB BEN ALOYS [DE]	F03D7/04; F03D7/00; F03D7/02; F03D9/00; H02G3/38; H02J3/38; H02J3/40; H02K7/18; H02P9/00; H02P9/04; H02P9/42; H02P9/48	Wind energy plant and method for operating a wind energy plant
EP2275676 A1 20110119	EP20040728181 20040419; DE20031020087 20030505; DE20031028889 20030626	WOB BEN ALOYS [DE]	F03D9/00; F03D7/00; F03D7/02; F03D9/02	Method for operating a wind park
EP2275677 A2 20110119	DE200910033708 20090718	NORDEX ENERGY GMBH [DE]	F03D11/00; F03D11/04	Device for reducing ice loads on a post foundation for an offshore wind turbine
EP2276149 A2 20110119	DE200910032880 20090713	SIEMENS AG [DE]	H02K3/12	Coil schematic for a segmented stand of a dynamo electric machine
EP2276662 A1 20110126	WO2009SE50540 20090513; SE20080001134 20080516	PROFIT AB [SE]	B63H13/00; B63H25/00; F03D9/00	SHIP COMPRISING WIND POWER STATIONS FOR MANOEUVRING AND POWERING THE SHIP AND A METHOD FOR MANOEUVRING SUCH A SHIP
EP2276923 A2 20110126	WO2008EP64774 20081031; US20080055643P 20080523	SIEMENS AG [DE]	F03D1/00; F03D11/00; F03D11/04	TIP END BRACKET
EP2276924 A1 20110126	WO2009EP53302 20090320	AMSC WINDTEC GMBH [AT]	F03D11/02; F03D9/00; F16H47/04	METHOD FOR OPERATING A WIND ENERGY CONVERTER, CONTROL DEVICE FOR A WIND ENERGY CONVERTER, AND WIND ENERGY CONVERTER
EP2278158 A2 20110126	US20090485492 20090616	GEN ELECTRIC [US]	F03D1/00; F03D11/00	Method and apparatus for cleaning and de-icing wind turbine rotor blades

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EP2278160 A1 20110126	EP20040707228 20040202; DE20031004026 20030201; DE20031010036 20030306	WOBLEN ALOYS [DE]	F03D11/00; E04H12/00; F03D1/00; F03D11/04; H01F27/02; H01F27/06; H01F27/12	Wind turbine
EP2279095 A1 20110202	US20080055501P 20080523; WO2008EP64736 20081030	SIEMENS AG [DE]	B60P7/04	ADJUSTABLE TARPAULIN FOR A TOWER SECTION OF A WIND TURBINE
EP2279314 A2 20110202	WO2009EP54375 20090414; DE200810019271 20080416	KENERSYS GMBH [DE]	E04H12/00; F03D11/00; H02B1/56	WIND TURBINE WITH IMPROVED COOLING AIR DELIVERY
EP2279345 A2 20110202	WO2009NL50135 20090323; NL20081035301 20080416	DUTCH HEAVY LIFT CONCEPTS B V [NL]	F03D1/00; F03D11/00; F03D11/04	METHOD AND LIFT CONSTRUCTION FOR LIFTING AND LOWERING A BLADE OF A WINDMILL
EP2279346 A2 20110202	WO2009FR50501 20090324; FR20080051914 20080326	DDIS [FR]	F03D11/00; F03D1/00; F03D11/04	BEARING DEVICE FOR A WIND TURBINE NACELLE
EP2279347 A2 20110202	WO2009US42642 20090504; US20080053697P 20080516	DOW GLOBAL TECHNOLOGIES INC [US]	F03D11/00; C08L63/00; C08L63/10; F03D1/06	WINDMILL PROPELLER BLADE AND METHOD OF MAKING SAME
EP2280166 A1 20110202	WO2009ES00120 20090306; ES20080000870 20080328; ES20080003132 20081103	INGETEM ENERGY S A [ES]	F03D7/02; H02J3/38; H02K17/42; H02P3/22; H02P9/42	WIND TURBINE OPERATION METHOD AND SYSTEM
EP2280167 A2 20110202	EP20090003966 20090319	HITACHI ENG SERVICE [JP]	F03D9/02	Control method of electric power generation system utilizing renewable energy

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EP2280191 A2 20110202	DE200910035197 20090729	LIEBHERR WERK BIBERACH [DE]	F16H35/10; B66D1/58; E02F9/12; F03D11/02; F16D9/08	Drive unit with overload protection for driving a crown gear, set comprising a plurality of such drive units and device comprising such a drive unit
EP2281116 A2 20110209	WO2009EP54296 20090409; DE200810018790 20080415	WOBLEN ALOYS [DE]	F03D1/00; F03D11/00; F03D11/04	WIND ENERGY SYSTEM COMPRISING BUSBARS
EP2281117 A2 20110209	WO2009IT00236 20090529; IT2008TO00423 20080604	IPPOLITO MASSIMO [IT]	F03D5/00	INFRASTRUCTURE FOR DRIVING AND ASSISTED TAKE-OFF OF AIRFOILS FOR TROPOSPHERIC AEOLIAN GENERATOR
EP2281335 A1 20110209	WO2009EP54883 20090423; DE200810020731 20080425	CALIEBE REINHARD [DE]; VENCO POWER GMBH [DE]	H02P9/00; F03D9/00; H02K21/24	GENERATOR DEVICE WITH MONITORING OF CURRENT PATHS
EP2282051 A2 20110209	ES20090030350 20090624	ACCIONA WINDPOWER S A [ES]	F03D1/00; F03D11/04	System for joining a gondola to the concrete tower of an aerogenerator
EP2282052 A2 20110209	US20090494895 20090630	GEN ELECTRIC [US]	F03D1/06	Method and apparatus for increasing lift on wind turbine blade
EP2282055 A2 20110209	US20090512110 20090730	GEN ELECTRIC [US]	F03D9/02	Communicating energy storages with different functions
EP2282056 A1 20110209	TW20090126492 20090806	LIN HUI-FAN [TW]	F03D9/02; A01K63/04; A01K63/06	Wind-powered energy saving system
EP2283230 A2 20110216	WO2009EP52596 20090305; DK20080000328 20080305; US20080033883P 20080305	VESTAS WIND SYS AS [DK]	F03D1/06; B29C65/78	AN ASSEMBLY TOOL AND A METHOD OF MANUFACTURING A BLADE OF A WIND TURBINE

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EP2283232 A1 20110216	WO2009IB05366 20090424; HK20090103365 20090409; HK20080104604 20080424; HK20080104651 20080425; HK20080107704 20080714; HK20080108816 20080811	HOPEWELL WIND POWER LTD [VI]	F03D3/06; F03D9/00	VERTICAL AXIS WIND TURBINE
EP2283233 A2 20110216	WO2009EP53616 20090326; DE200810022617 20080507	SIEMENS AG [DE]	F03D9/00; F03D11/00	WIND POWER PLANT AND WIND FARM COMPRISING PLURALITY OF WIND POWER PLANTS
EP2284387 A2 20110216	CA20092675947 20090810; US20090461396 20090811	GARTNER MATTHEW CHARLES [CA]	F03B17/06; F03D5/00	Oscillating energy capture mechanism
EP2284388 A1 20110216	US20090231788P 20090806	NITTO DENKO CORP [JP]	F03D1/06; B29C63/02	Protecting film for blade of wind power generator
EP2284391 A1 20110216	EP20040739009 20040723; WO2004DK00512 20040723	VESTAS WIND SYS AS [DK]	F03D7/02	Method and control system of controlling a wind turbine blade during the stopping process of the rotor
EP2284392 A2 20110216	US20090183573P 20090603; DK20090000690 20090603	VESTAS WIND SYS AS [DK]	F03D7/04; F03D9/00	Wind power plant, wind power plant controller and method of controlling a wind power plant
EP2284393 A2 20110216	EP20030799486 20031217; DE20021059680 20021218	WOBLEN ALOYS [DE]	F03D11/00	Rotor blade of a wind energy plant

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EP2284974 A1 20110216	EP20040764766 20040903; DE20031041057 20030903; DE20031041504 20030905	REPOWER SYSTEMS AG [DE]	H02J3/40; F03D7/04; F03D9/00	Method for operating and regulating a wind energy assembly and method for providing control power with wind energy assembly
EP2285553 A1 20110223	WO2009NL00114 20090514; NL20081035427 20080516; NL20081035861 20080825	XEMC DARWIND B V [NL]	B29D99/00; B29C65/00; B29C69/00; B29C70/34; B29C70/84; F03D1/06	A METHOD OF MANUFACTURING A TURBINE BLADE HALF AND A METHOD OF MANUFACTURING A TURBINE BLADE
EP2286084 A1 20110223	WO2009EP53941 20090402; EP20080388014 20080402; EP20090729071 20090402	LM GLASFIBER AS [DK]	F03D1/06; F03B3/12; F03D3/06	A WIND TURBINE BLADE WITH AN AUXILIARY AIRFOIL
EP2286085 A2 20110223	WO2009GB01039 20090424; GB20080007515 20080424	BLADE DYNAMICS LTD [GB]	F03D1/06	A WIND TURBINE BLADE
EP2286086 A1 20110223	WO2008SE50713 20080613	VERTICAL WIND AB [SE]	F03D3/06	A VERTICAL WIND TURBINE HAVING BLADES WITH VARYING GEOMETRY
EP2286092 A1 20110223	WO2009FR00547 20090512; FR20080002599 20080514	HUGUES CHRISTIAN [FR]	F15D1/10; B64C23/06; F03D11/00	WING-TIP DEVICE FOR THE TIP OF A WING, THE BLADE OF A WIND GENERATOR OR OF A MARINE GENERATOR FOR REDUCING OR EVEN CANCELLING WHAT ARE KNOWN AS WING TIP VORTICES
EP2287465 A1 20110223	WO2008JP61133 20080618	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	DEVICE AND METHOD FOR MONITORING DYNAMIC CHARACTERISTICS OF WINDMILL
EP2287466 A2 20110223	DE200920010869U 20090811	WIELAND ELECTRIC GMBH [DE]	F03D11/00	Energy supply network for wind turbine

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EP2288016 A1 20110223	DE200910037238 20090812	REPOWER SYSTEMS AG [DE]	H02P9/00; F03D7/04; F03D9/00; H02J3/38; H02P9/42	Wind energy assembly with adjustable speed characteristics curve
EP2288018 A2 20110223	EP20030025997 19981218; EP20010122899 19981218; EP19980966834 19981218; DE19971056777 19971219	WOBEN ALOYS [DE]	H02J3/38; H02P9/30; F03D7/04; F03D9/00; H02P9/00	Method for operating an energy-producing device, in particular a wind energy plant and wind energy plant
EP2288487 A2 20110302	WO2009EP04179 20090610; DE200810030132 20080627	REPOWER SYSTEMS AG [DE]	B29C70/84; B29C65/00	ROTOR BLADE FOR A WIND TURBINE, METHOD AND MANUFACTURING MOLD FOR THE PRODUCTION THEREOF
EP2288488 A2 20110302	WO2009EP04210 20090611; DE200810030132 20080627; DE200810035588 20080731	REPOWER SYSTEMS AG [DE]	B29C70/84; B29C65/00	METHOD AND PRODUCTION OF A ROTOR BLADE FOR WIND ENERGY PLANT
EP2288568 A1 20110302	WO2009GB01136 20090508; GB20080008336 20080508	ITI SCOTLAND LTD [GB]	B66C1/42; B66C1/62; F03D1/00; F03D11/04	A CLAMPING SYSTEM AND SELF ADVANCING SUPPORT PLATFORM
EP2288771 A2 20110302	WO2009EP03790 20090528; DE200810029651 20080624	REPOWER SYSTEMS AG [DE]	E04H12/08; F03D1/00; F03D11/04	TOWER OF A WIND TURBINE

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EP2288807 A2 20110302	WO2009EP55541 20090507; DK20080000649 20080507; US20080126998P 20080507	VESTAS WIND SYS AS [DK]	F03D1/06; F03D3/06	A SECTIONAL BLADE
EP2288808 A1 20110302	WO2009US43856 20090513; US20080052848P 20080513	PURDUE RESEARCH FOUNDATION [US]	F03D7/00	MONITORING OF WIND TURBINES
EP2288809 A2 20110302	WO2009GB00968 20090414; GB20080006666 20080411; GB20080015137 20080819	BOND PHILIP CHARLES [GB]	F03D11/00	A WIND TURBINE, A BLADE THEREFOR AND A METHOD OF PROCESSING SIGNALS REFLECTED THEREFROM
EP2290225 A1 20110302	FR20090003047 20090622	LE STER GERARD [FR]	F03B11/06; F03D11/00	Anordnung zur Rotor-Montage einer mit einem Stromgenerator ausgestatteten Wind- oder Wasserturbine
EP2290226 A2 20110302	US20090549966 20090828	GEN ELECTRIC [US]	F03D7/00; G01W1/02	Systems and methods for interfacing renewable power sources to a power grid
EP2290227 A2 20110302	US20090550585 20090831	GEN ELECTRIC [US]	F03D7/00	Line side crowbar for energy converter
EP2290229 A2 20110302	US20090551248 20090831	GEN ELECTRIC [US]	F03D7/02; F03D11/00	Systems and methods for assembling a pitch assembly for use in a wind turbine
EP2290230 A2 20110302	DK20090000954 20090825; US20090236552P 20090825	VESTAS WIND SYS AS [DK]	F03D7/02	Yaw system for a nacelle of a wind turbine and wind turbine
EP2290231 A2 20110302	US20090550790 20090831	GEN ELECTRIC [US]	F03D7/04	System and method for updating formula in wind turbines controllers
EP2290232 A1 20110302	WO2008JP59048 20080516	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WINDMILL PITCH ANGLE CONTROLLER AND METHOD FOR CONTROLLING WINDMILL PITCH ANGLE
EP2290233 A2 20110302	US20090549451 20090828	GEN ELECTRIC [US]	F03D9/00; F03D7/04	System and method for managing wind turbines and enhanced diagnostics

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EP2290234 A2 20110302	EP20040765486 20040922; EP20030021439 20030923; EP20100183775 20040922	WOB BEN ALOYS [DE]	F03D9/00; H02J3/38	Method for operating a wind turbine during a disturbance in the grid
EP2290235 A2 20110302	DE200910039030 20090828	BUSCH DIETER & CO PRUEFTECH [DE]	F03D11/00	Device and method for detecting the loading of pivoted rotor blades
EP2290236 A2 20110302	US20090550123 20090828	GEN ELECTRIC [US]	F03D11/00; F03D7/02; F03D9/02	Method and system for extracting inertial energy from a wind turbine
EP2290237 A2 20110302	NO20090002912 20090831	AKER JACKET TECHNOLOGY AS [NO]	F03D11/04	A load transferring device in a wind turbine support structure
EP2290407 A2 20110302	US20090549937 20090828	GEN ELECTRIC [US]	G01W1/02; F03D7/00	Systems and methods for interfacing renewable power sources to a power grid
EP2290597 A2 20110302	US20090550988 20090831	GEN ELECTRIC [US]	G06Q10/00; F03D7/04	System and method for wind turbine health management
EP2291319 A1 20110309	WO2009DK50146 20090626; DK20080000889 20080627; US20080133323P 20080627	VESTAS WIND SYS AS [DK]	B66C17/00; F03D1/00	A NACELLE TRAVELLING CRANE
EP2291584 A2 20110309	WO2009EP55588 20090508; DE200810023082 20080509	FUERST WOLFGANG [AT]	F03D1/06	COMPONENT, IN PARTICULAR ROTOR BLADE
EP2291585 A2 20110309	WO2009EP56602 20090529; DK20080000866 20080624; US20080133049P 20080624	VESTAS WIND SYS AS [DK]	F03D11/00	A HUB ENCLOSURE FOR A HUB OF A WIND TURBINE

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EP2292925 A2 20110309	TW20090130280 20090908; TW20090143708 20091218	HU SUN-YUAN [TW]	F03B17/06; F03D1/00; F03D3/00	Electronic device including turbine for generating electricity
EP2292926 A1 20110309	WO2009ES70191 20090528; ES20080001632 20080530	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	WIND GENERATOR BLADE WITH HYPER-SUPPORTING ELEMENTS
EP2292928 A2 20110309	ES20090001821 20090903	GAMESA INNOVATION & TECH SL [ES]	F03D7/04	Wind turbine control methods and systems
EP2292929 A2 20110309	DK20090000809 20090630; US20090221576P 20090630	VESTAS WIND SYS AS [DK]	F03D7/04; F03D9/00; H02K7/18	Control system for an electrical generator and method for controlling an electrical generator for a wind turbine
EP2293100 A1 20110309	EP20090169085 20090831	THALES NEDERLAND BV [NL]	G01S13/90; F03D9/00	A surveillance system for detecting targets with high cross- range resolution between targets
EP2294313 A2 20110316	WO2009FR00469 20090421; FR20080002250 20080422	NHEOLIS SARL [FR]	F03B17/06; F03D1/06	BLADE FOR A DEVICE FOR GENERATING ENERGY FROM A FLUID FLOW
EP2294314 A1 20110316	WO2008KR05251 20080905; KR20080041130 20080502	HEO HYUN KANG [KR]	F03D1/06	WIND POWER GENERATOR
EP2295235 A1 20110316	EP20090010467 20090820	SIEMENS AG [DE]	B32B5/02; F03D1/06	Fiber reinforced plastic-structure and a method to produce the fiber reinforced plastic-structure
EP2295793 A2 20110316	US20090558290 20090911	GEN ELECTRIC [US]	F03D7/02; F03D7/04	System and methods for determining a cut-out limit for a wind turbine
EP2297429 A2 20110323	WO2009US02545 20090423; US20080150193 20080426	DOMES TIMOTHY J [US]	F01C1/00; B61C8/00; B63H21/165; F02B61/00; F03D9/00; F03G6/00	PNEUMATIC MECHANICAL POWER SOURCE

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EP2297455 A2 20110323	WO2009EP03712 20090526; DE200810026474 20080603	MICKELER SIEGFRIED [DE]	F03D1/06	ROTOR BLADE FOR A WIND POWER PLANT AND WIND POWER PLANT
EP2297456 A1 20110323	WO2009DK00150 20090623; DK20080000861 20080623	UNIV DANMARKS TEKNISKE [DK]	F03D1/06; F03D3/06	A WIND TURBINE BLADE WITH ANGLED GIRDERS
EP2297457 A2 20110323	WO2009AT00263 20090703; AT20080000371U 20080703	SILENT FUTURE TEC GMBH [AT]	F03D3/06	ROTOR BLADE FOR A DARRIEUS ROTOR
EP2297458 A1 20110323	WO2008KR04097 20080711; KR20080036508 20080421; KR20080055657 20080613	ENERGALE CO LTD [KR]	F03D5/00	AERIAL WIND POWER GENERATING SYSTEM USING FLOATING BODY
EP2297459 A1 20110323	WO2009AU00432 20090409; AU20080901772 20080414	WONGALEA HOLDINGS PTY LTD [AU]	F03D9/00; F03D1/02; F03D7/04	CONTROL SYSTEM FOR A WINDMILL KITE
EP2297461 A2 20110323	WO2009EP56755 20090602; DK20080000750 20080602; US20080057913P 20080602	VESTAS WIND SYS AS [DK]	F03D11/00; F16H57/04	A LUBRICATION SYSTEM FOR A GEAR SYSTEM FOR A WIND TURBINE
EP2297815 A1 20110323	WO2009DE00689 20090516; DE200810024644 20080521	EADS DEUTSCHLAND GMBH [DE]	H01Q1/12; F03D11/00; H01Q17/00	ROTOR BLADE HAVING RADAR ABSORBER INTEGRATED THEREIN FOR A WIND POWER PLANT

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EP2299109 A1 20110323	FR20090003200 20090629	LE STER GERARD [FR]	F03D3/00; F03B11/00; F03D3/04; F03D11/00	Device for insulating hollow blades that work against the fluid current for a wind turbine or a water turbine with vertical axis
EP2299110 A1 20110323	EP20090164276 20090701	PEM ENERGY OY [FI]	F03D7/02; F03D11/00	Bearing mechanism
EP2299111 A2 20110323	US20090553434 20090903	GEN ELECTRIC [US]	F03D7/04	Method and system for verifying wind turbine operation
EP2300709 A2 20110330	WO2008EP03528 20080430	MULTIBRID GMBH [DE]	F03D11/00; F03D11/04	PANELING OF A NACELLE OF A WIND ENERGY INSTALLATION
EP2300710 A2 20110330	WO2009DK00121 20090528; DK20080000747 20080530; US20080057577P 20080530	VESTAS WIND SYS AS [DK]	F03D11/00	A WIND TURBINE ROTOR, A WIND TURBINE AND USE THEREOF
EP2300737 A2 20110330	WO2009US48552 20090625; US20080079731P 20080710; US20080079788P 20080710; US20080079743P 20080710; US20080333196 20081211; US20080336361 20081216; US20080342947 20081223	GEN ELECTRIC [US]	F16H1/22; F03D11/02; F16H37/08	WIND DRIVEN POWER GENERATION SYSTEM
EP2301710 A2 20110330	US20090566952 20090925	GEN ELECTRIC [US]	B23P19/04; B23P11/00	Method and system for disengaging a shrink coupling on a turbine generator
EP2302205 A1 20110330	EP20090171708 20090929	MONOBUOY COMPANY LTD [GB]	F03B17/06; F03D3/00; F03D9/00	Floating power plant comprising water turbine and wind turbine

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
EP2302206 A1 20110330	EP20090012114 20090923	SIEMENS AG [DE]	F03D7/00; F03D7/02	Selecting a load reduction measure for operating a power generating machine
EP2302207 A1 20110330	EP20090012113 20090923	SIEMENS AG [DE]	F03D7/02; F03D7/04	Power generating machine load control based on consumed fatigue life time and real-time of operation of a structural component
EP2302208 A1 20110330	EP20090012115 20090923	SIEMENS AG [DE]	F03D7/02; F03D7/04	Dynamic adaptation of a set point for a fatigue life of a structural component of a power generating machine
EP2302209 A2 20110330	US20090566734 20090925	GEN ELECTRIC [US]	F03D7/02	Hybrid braking system for a turbine and method
EP2302210 A1 20110330	US20090569568 20090929	GEN ELECTRIC [US]	F03D7/04	Azimuth angle measurement system
EP2302211 A1 20110330	EP20090012075 20090923	BARD HOLDING GMBH [DE]	F03D9/00	Wind energy assemblies, in particular offshore wind energy assemblies
EP2302212 A1 20110330	WO2008JP60585 20080610	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/04	BLADE PITCH ANGLE CONTROL DEVICE AND WIND TURBINE GENERATOR
EP2302213 A1 20110330	WO2008JP60716 20080611	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D7/04	WIND POWER GENERATOR
EP2304225 A1 20110406	WO2009AU00458 20090414; AU20080901834 20080414	ATLANTIS RESOURCES CORP PTE LTD [SG]	F03B3/12; E02B9/00; F01D5/12; F01D5/14; F03B13/10; F03D11/00	BLADE FOR A WATER TURBINE
EP2304228 A1 20110406	WO2009DK00149 20090623; DK20080000867 20080624	UNIV DANMARKS TEKNISKE [DK]	F03D1/06; F03D3/06	A REINFORCED WIND TURBINE BLADE
EP2304229 A2 20110406	WO2009EP55003 20090424; BE20080000245 20080424	TURBOWINDS S A [BE]	F03D7/06; F03D5/00; F03D11/04	WIND TURBINE, BLADE FOR A WIND TURBINE, SEGMENT FOR A BLADE FOR A WIND TURBINE, METHOD FOR THE FABRICATION AND ASSEMBLY OF A WIND TURBINE
EP2304230 A2 20110406	WO2009GB01543 20090622; GB20080011681 20080626	CONVERTEAM TECHNOLOGY LTD [GB]	F03D9/00; F03D11/04	VERTICAL AXIS WIND TURBINES

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EP2304231 A2 20110406	WO2009EP57128 20090610; DE200810027498 20080610	KENERSYS GMBH [DE]	F03D11/00; F03D11/04	HOUSING FOR THE NACELLE OF A WIND TURBINE
EP2304232 A2 20110406	WO2009EP01076 20090216; DE200810009740 20080218	IMO HOLDING GMBH [DE]	F03D11/00; F03D3/06; F03D7/02	WIND POWER PLANT AND METHOD FOR OPERATING THE SAME
EP2305997 A2 20110406	GB20090016959 20090928	UK WIND ENERGY LTD [GB]	F03D1/00; F03D9/00	Electricity generation
EP2305998 A2 20110406	DK20090070133 20090929; US20090246700P 20090929	VESTAS WIND SYS AS [DK]	F03D1/06	Mould for manufacturing of wind turbine blades
EP2306001 A2 20110406	US20090566739 20090925	GEN ELECTRIC [US]	F03D7/00; F03D9/02	Multi-use energy storage for renewable sources
EP2306002 A2 20110406	US20090570864 20090930	GEN ELECTRIC [US]	F03D7/02	Systems and methods for assembling a pitch control assembly for use in a wind turbine
EP2306003 A2 20110406	US20090570988 20090930	GEN ELECTRIC [US]	F03D7/02	System and methods for controlling a wind turbine
EP2306004 A2 20110406	US20090570547 20090930	GEN ELECTRIC [US]	F03D7/02; F03D7/04	Method and apparatus for controlling acoustic emissions of a wind turbine
EP2306006 A2 20110406	US20090572852 20091002	GEN ELECTRIC [US]	F03D7/02	Condition monitoring system for wind turbine generator and method for operating wind turbine generator
EP2306007 A1 20110406	US20090570676 20090930	GEN ELECTRIC [US]	F03D7/04; F03D7/02	Method and system for controlling a wind turbine
EP2306009 A2 20110406	US20090569944 20090930	GEN ELECTRIC [US]	F03D11/00	A seal arrangement and a brush seal for a wind turbine
EP2306625 A2 20110406	US20090570490 20090930	GEN ELECTRIC [US]	H02K17/42; F03D7/02; F03D9/00; H02K5/22	Method and apparatus for generating power in a wind turbine

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EP2307269 A2 20110413	WO2009FR51175 20090619; FR20080054097 20080620	TECHNIP FRANCE [FR]	B63B27/04; B63B35/00; E02B17/00; F03D11/04	STRUCTURE FOR THE OFFSHORE INSTALLATION OF AT LEAST ONE WIND TURBINE OR UNDERWATER GENERATOR, AND METHODS FOR TRANSPORT AND OFFSHORE INSTALLATION OF AT LEAST ONE WIND TURBINE OR UNDERWATER GENERATOR
EP2307703 A1 20110413	WO2009DK00117 20090527; DK20080000723 20080527	FO900 INVEST APS [DK]	F03B3/12; F03D1/06	BLADE FOR A ROTOR OF A WIND OR WATER TURBINE
EP2307712 A2 20110413	WO2009DK00166 20090709; DK20080000990 20080714; US20080080484P 20080714	VESTAS WIND SYS AS [DK]	F03D1/00; B63B35/00	A METHOD FOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE AND A VESSEL FOR ERECTING A WIND TURBINE ON AN OFFSHORE SITE
EP2307714 A1 20110413	WO2009IB52947 20090707; DK20080001033 20080722; US20080135710P 20080722	VESTAS WIND SYS AS [DK]	F03D7/00; F03D9/00	METHOD OF CONTROLLING A VARIABLE SPEED WIND TURBINE GENERATOR
EP2307716 A2 20110413	WO2009EP56376 20090526; EP20080156970 20080527; EP20090761602 20090526	SYNEOLA SA [CH]	F03D9/00; F03D9/02	SUBSTANTIALLY SPHERICAL MULTI-BLADE WIND TURBINE
EP2307717 A1 20110413	WO2009EP58722 20090709; EP20080160032 20080709; EP20090780356 20090709	XEMC VWEC B V [NL]	F03D9/00; F03D11/00; H02K9/04	WIND TURBINE

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EP2309120 A2 20110413	EP20030720457 20030412; WO2003EP03813 20030412	GEN ELECTRIC [US]	F03D1/06; F03D1/00	Hub for the rotor of a wind energy turbine
EP2309121 A1 20110413	EP20090172053 20091002	EUROCOMP S A [PL]	F03D5/06; F03D9/00	Method and devices for obtaining electrical energy from the elements of building constructions
EP2309123 A2 20110413	US20090570101 20090930	GEN ELECTRIC [US]	F03D7/04; F03D11/00	Systems and methods for monitoring wind turbine operation
EP2309125 A2 20110413	ES20090001982 20091009	GAMESA INNOVATION & TECH SL [ES]	F03D11/00	Auxiliary refrigeration system and operating method
EP2309607 A1 20110413	EP20090172522 20091008	DRAKA DENMARK COPPER CABLE AS [DK]	H01R13/73; F03D9/00; H01R11/01; H01R13/11; H02G3/00	Electrical connector
EP2310185 A2 20110420	WO2009EP57683 20090619; DK20080000850 20080620; US20080132790P 20080620	VESTAS WIND SYS AS [DK]	B29C65/00; F03D1/06	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTS HAVING END PORTIONS EXTENDING TRANSVERSELY TO AN INTERMEDIATE PORTION, AND THE RELATED SPAR
EP2310671 A2 20110420	WO2008SG00248 20080711	VESTAS WIND SYS AS [DK]	F03D1/02	SYSTEM FOR MONITORING A RESTORATION FACTOR OF A WIND TURBINE POPULATION
EP2310672 A2 20110420	WO2009IB53564 20090724; EE20080000049 20080724	SONAJALG ANDRES [EE]; SONAJALG OLEG [EE]	F03D9/00; F03D11/00	WIND POWER GENERATOR
EP2310674 A2 20110420	WO2009IB06487 20090703; GB20080012258 20080703; US20080133909P 20080703	VESTAS WIND SYS AS [DK]	F03D11/00	EMBEDDED FIBRE OPTIC SENSOR FOR WIND TURBINE COMPONENTS

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EP2310675 A1 20110420	WO2008EP62583 20080919; WO2008EP57907 20080620; EP20080804511 20080919	ALIZEO [FR]	F03D11/04	WIND GENERATOR WITH FOLDING MAST
EP2312151 A2 20110420	US20090570901 20090930	GEN ELECTRIC [US]	F03D1/00; F03D11/00	Automated fiber placement in female mold
EP2312153 A1 20110420	WO2008JP64583 20080814	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D9/00	WIND TURBINE GENERATOR
EP2313649 A2 20110427	WO2009DK00144 20090618; DK20080000882 20080626; DK20080001358 20080929	PP ENERGY APS [DK]	F03D1/00	DEVICE FOR ENABLING ACCESS TO A WIND TURBINE
EP2313650 A2 20110427	WO2009FR00920 20090724; FR20080004388 20080801	DREVET JEAN BAPTISTE [FR]	F03D5/00; E21B41/00; F03B17/06; F03D5/06; F03D11/00; F04B17/00; F04B43/04	ENERGY GENERATOR
EP2313652 A2 20110427	WO2009EP58157 20090630; DK20080000913 20080630; US20080076944P 20080630	VESTAS WIND SYS AS [DK]	F03D7/02	A METHOD OF CONTROLLING A WIND POWER PLANT
EP2314865 A1 20110427	WO2009ES70192 20090528; ES20080001148U 20080529	ACCIONA WINDPOWER S A [ES]	F03D1/00; F03D11/00	WIND GENERATOR COMPRISING AN IMPROVED HOUSING
EP2314866 A1 20110427	US20090578900 20091014	GEN ELECTRIC [US]	F03D1/00	Wind Turbine Blade With Foreign Matter Detection Devices

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EP2314868 A2 20110427	US20090582053 20091020	GEN ELECTRIC [US]	F03D7/00	Power production control system and method
EP2314870 A1 20110427	WO2008JP62960 20080717	NOAI CO LTD [JP]	F03D11/00; F03D3/06; F03D7/06	POWER-GENERATING WIND TURBINE AND ITS MANUFACTURING METHOD
EP2315934 A2 20110504	WO2009EP58890 20090713; DE200810040393 20080714	AUFLEGER MARKUS [DE]	F03B13/06; F03D9/02	HYDRAULIC LARGE-SCALE ENERGY STORAGE UNIT
EP2315939 A1 20110504	WO2009EP57239 20090611; EP20080158057 20080611; EP20090761764 20090611	FLEXENCLOSURE AB [SE]	F03D7/02; F03D9/02	WIND TURBINE AND POWER SUPPLY SYSTEM
EP2315940 A2 20110504	WO2009EP58141 20090630; DK20080000906 20080630; US20080133694P 20080630	VESTAS WIND SYS AS [DK]	F03D11/00; G01M7/04	A TEST RIG FOR TESTING BLADES FOR A WIND TURBINE
EP2315941 A1 20110504	WO2009DK50187 20090723; DK20080001054 20080730	LIFTRA APS [DK]	F03D11/00; B65D69/00	FIXTURE FOR RETAINING AN END OF A MEMBER
EP2315942 A2 20110504	WO2009EP59796 20090729; DE200810044900 20080829	WINERGY AG [DE]	F03D11/00	WIND POWER PLANT TRANSMISSION
EP2315943 A2 20110504	WO2009EP60389 20090811; DE200810038128 20080818	KENERSYS GMBH [DE]	F03D11/00	ADJUSTING DEVICE FOR ADJUSTING THE ROTATION ANGLE POSITION OF THE ROTOR OF A WIND ENERGY SYSTEM

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EP2317123 A1 20110504	EP20090013547 20091028	BARD HOLDING GMBH [DE]	F03D1/00; F03D11/04	Anode holder for cathodic anti-corrosion devices of foundation posts of off-shore wind energy devices, foundation post of an off-shore wind energy device and connection structure between same, cathodic anti-corrosion device of foundation posts of off-shor
EP2317125 A1 20110504	EP20050708811 20050222; WO2005IB50639 20050222	VESTAS WIND SYS AS [DK]	F03D1/06; F03D7/02; F03D7/04	Wind turbine and blade therefor
EP2317126 A2 20110504	US20090609086 20091030	GEN ELECTRIC [US]	F03D1/06; F03D11/00	Methods of manufacture of wind turbine blades and other structures
EP2317127 A2 20110504	US20090609080 20091030	GEN ELECTRIC [US]	F03D1/06	Wind turbine blades
EP2317129 A2 20110504	US20090608393 20091029	GEN ELECTRIC [US]	F03D7/02	Systems and methods for testing a wind turbine pitch control system
EP2317130 A2 20110504	US20090608755 20091029	GEN ELECTRIC [US]	F03D7/02	Systems and methods for assembling a pitch assembly for use in a wind turbine
EP2317131 A2 20110504	US20090607276 20091028	GEN ELECTRIC [US]	F03D7/02	System and method for wind friction monitoring
EP2317132 A2 20110504	US20090608343 20091029	GEN ELECTRIC [US]	F03D7/02	Systems and methods for determining the angular position of a wind turbine rotor
EP2317133 A1 20110504	US20090609237 20091030	GEN ELECTRIC [US]	F03D7/04	System and device for controlling a wind turbine using seasonal parameters
EP2317134 A2 20110504	US20090609824 20091030	GEN ELECTRIC [US]	F03D7/04	Method and apparatus for generating power in a wind turbine
EP2317135 A1 20110504	WO2009ES70200 20090603; ES20080001706 20080606	ACCIONA WINDPOWER S A [ES]	F03D9/00; H02J3/38; H02P9/42	WIND TURBINE CONTROL METHOD
EP2317136 A2 20110504	US20090609754 20091030	GEN ELECTRIC [US]	F03D11/00	Wind turbine lubrication system
EP2317137 A1 20110504	EP20090382237 20091102	GEN ELECTRIC [US]	F03D11/02; F03D11/00	Configuration of a wind turbine nacelle

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EP2317138 A2 20110504	US20090607615 20091028	GEN ELECTRIC [US]	F03D11/04; F03D1/00	System to facilitate maintenance on a wind turbine
EP2317327 A1 20110504	EP20090013565 20091028	SSB WIND SYSTEMS GMBH & CO KG [DE]	G01P5/00; F03D7/04; F03D11/00; G01P13/02	Wind sensor system using blade signals
EP2318197 A2 20110511	WO2009EP57682 20090619; DK20080000849 20080620; US20080132788P 20080620	VESTAS WIND SYS AS [DK]	B29C65/00; F03D1/06	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTS HAVING GEOMETRICALLY WELL-DEFINED JOINT SURFACE PORTIONS, AND THE RELATED SPAR
EP2318698 A1 20110511	WO2009EP04182 20090610; EP20080010590 20080611; US20080060509P 20080611; EP20090761481 20090610	MOLLOY PADRAIG [IE]	F03B13/20; F03B13/22; F03D9/00	WATER ELEVATION TYPE WAVE ENERGY CONVERTER AND METHOD OF CONVERSION OF WAVE ENERGY
EP2318701 A2 20110511	WO2009GB01907 20090803; GB20080014648 20080811	STATOILHYDRO ASA [NO]	F03D1/00; B63B21/00	METHOD AND APPARATUS FOR TOWING OFFSHORE WIND TURBINES
EP2318702 A2 20110511	WO2009GB50748 20090626; GB20080014107 20080801; US20080231611 20080903	VESTAS WIND SYS AS [DK]	F03D1/06	ROTOR BLADE EXTENSION PORTION HAVING A SKIN LOCATED OVER A FRAMEWORK

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EP2318703 A2 20110511	WO2009EP05211 20090717; GB20080013240 20080718; US20080135337P 20080718	VESTAS WIND SYS AS [DK]	F03D1/06	WIND TURBINE BLADE
EP2318704 A2 20110511	WO2009GB50749 20090626; GB20080014108 20080801; US20080231610 20080903	VESTAS WIND SYS AS [DK]	F03D1/06	SEGMENTED ROTOR BLADE EXTENSION PORTION
EP2318705 A2 20110511	WO2009EP57684 20090619; DK20080000851 20080620; US20080132791P 20080620	VESTAS WIND SYS AS [DK]	F03D1/06; B29C65/00	A METHOD OF MANUFACTURING A SPAR FOR A WIND TURBINE FROM ELEMENTS COMPRISING DIFFERENT MATERIALS, AND THE RELATED SPAR
EP2318706 A2 20110511	WO2009IE00058 20090821; IE20080000691 20080827	BRI TOINNE TEORANTA [IE]	F03D3/06; F03B3/12	A TURBINE AND A ROTOR FOR A TURBINE
EP2318707 A1 20110511	WO2009IT00348 20090730; IT2008RM00420 20080801	BIAGINI LIVIO [IT]	F03D9/00; F03G6/04	IMPROVED AEOLIAN APPARATUS
EP2318708 A1 20110511	WO2008BR00218 20080725; BR2008PI03335 20080716	DULCETTI FILHO FLAVIO FRANCISCO [BR]	F03D9/00; F03D11/04	EOLIC CONVERTER TOWER
EP2318709 A1 20110511	WO2009KR01655 20090331; KR20080086036 20080901	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/00	MAINTENANCE SYSTEM FOR WIND TURBINE EQUIPMENT

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EP2318715 A1 20110511	WO2009AU00887 20090709; AU20080903554 20080710	WINDFUEL MILLS PTY LTD [AU]	F04C2/344; F03D9/00; F03D9/02; F04C18/344	GENERATION AND USE OF HIGH PRESSURE AIR
EP2319171 A1 20110511	WO2009EP61150 20090828; EP20080163325 20080829; US20080093864P 20080903; EP20090809345 20090828	VESTAS WIND SYS AS [DK]	H02P9/30; F03D9/00; H02P21/00	DIRECT POWER AND STATOR FLUX VECTOR CONTROL OF A GENERATOR FOR WIND ENERGY CONVERSION SYSTEM
EP2319648 A1 20110511	WO2008JP60715 20080611	MITSUBISHI HEAVY IND LTD [JP]	B23K9/00; E04B1/58; F03D11/04	FLANGE JOINT FOR STRUCTURAL MEMBER
EP2319755 A1 20110511	WO2008JP65396 20080828	MITSUBISHI HEAVY IND LTD [JP]	B63B35/00; F03D11/04	CONSTRUCTION METHOD AND CONSTRUCTION RIG OF FLOATING WIND TURBINE GENERATOR
EP2320072 A2 20110511	US20090613268 20091105	GEN ELECTRIC [US]	F03D1/06	Apparatus and method for cleaning an active flow control (AFC) system of a wind turbine
EP2320074 A2 20110511	US20090613013 20091105	GEN ELECTRIC [US]	F03D1/06	Systems and method for operating a wind turbine having active flow control
EP2320081 A2 20110511	WO2009KR04910 20090901; KR20080086032 20080901	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/00	NACELLE COOLING SYSTEM FOR WIND TURBINE
EP2321174 A2 20110518	WO2009US51053 20090717; US20080081960P 20080718	BASELOAD ENERGY INC [US]	B64C39/02; F03D5/00; F03D11/04	TETHER HANDLING FOR AIRBORNE ELECTRICITY GENERATORS

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EP2321528 A2 20110518	WO2009EP61137 20090828; DK20080001189 20080829; US20080092788P 20080829; DK20080001436 20081014; US20080196144P 20081014; DK20090000342 20090312; US20090159630P 20090312	VESTAS WIND SYS AS [DK]	F03D1/06	CONTROL SYSTEM IN WIND TURBINE BLADES
EP2321529 A2 20110518	WO2009EP59622 20090726; PL20080385765 20080728	EN VAWT MACIEJ PAWEL ZUREK [PL]	F03D3/06; F03B17/06; F03D3/00	A METHOD FOR CONTROLLING A DRIVING BLADE WITH RESPECT TO THE WIND DIRECTION, IN PARTICULAR IN A WIND AND WATER ENGINE WITH AN AXIS PERPENDICULAR TO THE WIND DIRECTION AND A WIND ENGINE HAVING AN AXIS PERPENDICULAR TO THE WIND DIRECTION WITH A DRIVING BLAD
EP2321530 A1 20110518	WO2009FI00083 20090910; FI20080000510 20080910	MERVENTO OY [FI]	F03D7/02; F03D1/00	WIND POWER STATION
EP2321531 A2 20110518	WO2009US05037 20090908; US20080283254 20080910	MOOG INC [US]	F03D7/02; F03D9/02	WIND TURBINE BLADE PITCH CONTROL SYSTEM
EP2322793 A1 20110518	EP20090175849 20091112	DUNDALK INST OF TECHNOLOGY [IE]	F03D1/06; F03D7/02	A trailing edge section for a turbine blade
EP2322794 A2 20110518	HK20090110675 20091113; US20100813283 20100610	JOINTIFF LTD [CN]	F03D7/02	Miniature wind turbine having variable blade pitch

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EP2322795 A2 20110518	US20090261785P 20091117; DK20090070210 20091117	VESTAS WIND SYS AS [DK]	F03D11/00	Nacelle for a wind turbine
EP2324238 A2 20110525	WO2009EP59368 20090721; DK20080001076 20080806	VESTAS WIND SYS AS [DK]	F03D1/00; F03D7/02	ADJUSTABLE SUSPENSION ARRANGEMENT FOR WIND TURBINE TOWERS
EP2324239 A2 20110525	WO2009US56227 20090908; US20080284046 20080918	MELLER MOSHE [US]	F03D1/00; F03D1/02; F03D11/00; F03D11/02; F03D11/04	AIRBORNE STABILIZED WIND TURBINES SYSTEM
EP2324240 A1 20110525	WO2009NO00285 20090812; NO20080003537 20080814	TECH OLAV OLSEN AS DR [NO]	F03D1/00; E02B17/02; E02D27/42	FOUNDATION FOR AN OFFSHORE WIND TURBINE GENERATOR AND METHOD OF CONSTRUCTING AND INSTALLING THE FOUNDATION
EP2324241 A2 20110525	WO2009GB01967 20090811; US20080087987P 20080811	KINETIC HARVEST LIMITED [GB]	F03D1/04	UNDERWATER TURBINE WITH FINNED DIFFUSER FOR FLOW ENHANCEMENT
EP2324242 A1 20110525	WO2009CA00797 20090605; CA20082633876 20080605	ORGANOWORLD INC [CA]	F03D3/04; F03D11/00	TURBINE APPARATUS
EP2324243 A2 20110525	WO2009US53692 20090813; US20080205110 20080905	GEN ELECTRIC [US]	F03D9/00; F03D11/02	SYSTEM AND ASSEMBLY FOR POWER TRANSMISSION AND GENERATION IN A WIND TURBINE
EP2324244 A1 20110525	WO2009SE51001 20090908; SE20080001992 20080918	HM POWER AB [SE]	F03D11/04	FLOATABLE WINDPOWER PLANT

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EP2324259 A2 20110525	WO2009DK50200 20090812; DK20080001091 20080813; US20080089101P 20080815	VESTAS WIND SYS AS [DK]	F16C19/52	WIND TURBINE ROTOR AND METHOD OF CALIBRATING ROTOR BLADE PITCH
EP2324551 A2 20110525	WO2009EP61041 20090827; DE200810047667 20080915	SIEMENS AG [DE]	H02J3/38; F03D7/00; F03D9/00	POWER CONTROL FOR A WIND PARK
EP2325479 A1 20110525	WO2009ES70244 20090624; ES20080001911 20080626	INGETEA ENERGY S A [ES]	F03D7/02; F03D7/04; F03D9/00; H02P9/10	METHOD FOR CONTROLLING A WIND TURBINE
EP2325486 A1 20110525	WO2008JP64582 20080814	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND DRIVEN ELECTRIC POWER GENERATOR
EP2326475 A2 20110601	WO2009EP60547 20090814; EP20080014496 20080814; EP20090781849 20090814	LM GLASFIBER AS [DK]	B29C33/38; F03D1/06	A METHOD OF MANUFACTURING A WIND TURBINE BLADE COMPRISING STEEL WIRE REINFORCED MATRIX MATERIAL
EP2326488 A1 20110601	WO2009EP60569 20090814; EP20080014513 20080814; EP20090781870 20090814	LM GLASFIBER AS [DK]	B29C70/54; B29C33/16; B29C65/16; B29C70/44; B29C70/48; B29C70/88; F03D1/06	A METHOD OF MANUFACTURING A WIND TURBINE BLADE SHELL PART COMPRISING A MAGNETISABLE MATERIAL
EP2326833 A2 20110601	WO2008EP06831 20080820	SKYSAILS GMBH & CO KG [DE]	F03D5/00; F03D7/00	AERODYNAMIC WIND PROPULSION DEVICE HAVING BIELASTIC LINE COUPLING
EP2326834 A1 20110601	WO2009SE50930 20090812; SE20080001804 20080818	HM POWER AB [SE]	F03D7/02; F03D11/04	AN ARRANGEMENT WITH MEANS FOR CHANGING THE PITCH OF THE PROPELLER BLADE OF A TURBINE

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EP2326835 A2 20110601	WO2009EP06077 20090821; DE200810039429 20080823	DEWIND CO [US]	F03D7/04	METHOD FOR CONTROLLING A WIND FARM
EP2326836 A2 20110601	WO2009EP60199 20090806; DE200810041054 20080806; DE200810053814 20081023	BUSS FRANK [DE]	F03D11/00	METHOD AND APPARATUS FOR THE TREATMENT OF AIR IN WIND TURBINES
EP2326837 A2 20110601	WO2009DK00188 20090825; DK20080001209 20080831; US20080093466P 20080902	VESTAS WIND SYS AS [DK]	F03D11/00; F03D7/00	WIND TURBINE COMPRISING INSULATION MONITORING SYSTEM
EP2326840 A1 20110601	WO2009EP60734 20090819; EP20080163198 20080828; EP20080167878 20081029; EP20090782002 20090819	DUTCH RAINMAKER B V [NL]	F04B35/00; F03D9/00	TURBINE
EP2327148 A1 20110601	WO2009EP61151 20090828; DK20080001203 20080829; US20080093876P 20080903; DK20090070075 20090730; US20090230116P 20090731	VESTAS WIND SYS AS [DK]	H02P9/48; F03D7/04	A METHOD AND A CONTROLLING ARRANGEMENT FOR CONTROLLING AN AC GENERATOR

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EP2327873 A1 20110601	EP20070732605 20070430; GB20060008367 20060428; GB20060008467 20060428; GB20070000679 20070115; GB20070003230 20070220	SWANTURBINES LTD [GB]	F03B13/26; F03B11/06; F03D11/00	TIDAL CURRENT TURBINE
EP2327875 A1 20110601	WO2009CN00997 20090903; CN20081146600 20080905	SHANGHAI POWERFOOO ENERGY SYSTEM CO LTD [CN]; SHANGHAI FOREVOO WINDPOWER TECHNOLOGY CO LTD [CN]; ZHANG YUNLONG [CN]	F03D1/02	A COMPOUND ROTOR SYSTEM OF WIND POWERED ENGINE
EP2327876 A1 20110601	EP20090177500 20091130	LM GLASFIBER AS [DK]	F03D7/02; F03D7/04; G01P5/26	Wind turbine blade provided with optical wind velocity measurement system
EP2327878 A1 20110601	WO2009KR01724 20090403; KR20080091755 20080918; KR20080091771 20080918; KR20090006320 20090123	SAMSUNG HEAVY IND [KR]	F03D7/04; F03D7/02	PITCH CONTROL DEVICE AND SYSTEM FOR WIND POWER GENERATOR
EP2327879 A2 20110601	DE200910055914 20091127	ROLLS ROYCE DEUTSCHLAND [DE]	F03D11/00	Sealing rings for a labyrinth seal
EP2329138 A2 20110608	WO2009EP06641 20090914; DE200810047769 20080917	SUZLON ENERGY GMBH [DE]	F03D1/00	HOISTING DEVICE FOR A WIND TURBINE

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EP2329139 A2 20110608	WO2009DE01271 20090911; DE200810049016 20080925	REPOWER SYSTEMS AG [DE]	F03D1/06; B29C70/30	ROTOR BLADE COMPRISING A FLANGE TAPERING OFF IN THE LONGITUDINAL DIRECTION, METHOD FOR PRODUCING THE ROTOR BLADE, AND LAYING ASSISTANCE DEVICE FOR THE POSITIONING STRIPS OF THE FLANGE
EP2329140 A2 20110608	WO2009US53934 20090814; US20080094386P 20080904; US20080268274 20081110	CALIFORNIA ENERGY & POWER [US]	F03D3/04; F03D7/06; F03D11/00	FLUID TURBINE SYSTEMS
EP2329141 A2 20110608	WO2009DK50216 20090826; DK20080001192 20080829; US20080190692P 20080829; CN20091138723 20090123	VESTAS WIND SYS AS [DK]	F03D7/02; F03D7/04	PITCH CONTROL SYSTEM
EP2329331 A1 20110608	WO2009EP57820 20090623; DK20080001153 20080822; US20080090922P 20080822	VESTAS WIND SYS AS [DK]	G05B23/02; F03D7/02	A METHOD FOR EVALUATING PERFORMANCE OF A SYSTEM FOR CONTROLLING PITCH OF A SET OF BLADES OF A WIND TURBINE
EP2330293 A1 20110608	WO2009CN01062 20090922; CN20082136467U 20080923; CN20091000270 20090115	ZHANG YUNLONG [CN]; SHANGHAI FOREVOO WINDPOWER TECHNOLOGY CO LTD [CN]; SHANGHAI POWERFOOO ENERGY SYSTEM CO LTD [CN]	F03D1/06	WIND TURBINE ROTOR WITH VENTURI TUBE EFFECT
EP2330294 A1 20110608	EP20090177783 20091202	UNIV DANMARKS TEKNISKE [DK]	F03D1/06; B64C3/00	Reinforced airfoil shaped body

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EP2330297 A1 20110608	WO2009JP04802 20090924; JP20080258986 20081003	NABTESCO CORP [JP]	F03D7/04; F03D11/00; F16H1/32	PITCH DRIVE DEVICE FOR WIND WHEEL
EP2331286 A1 20110615	WO2009SE50792 20090623; SE20080001817 20080821	ESAB AB [SE]	B23K37/02; B25J18/00; B66C23/18; B66C23/68; F03D1/00; F03D11/04	DEVICE FOR WELDING
EP2331398 A1 20110615	WO2008SE51059 20080922	BERG PROPULSION TECHNOLOGY AB [SE]	B63H3/08; B63H3/04; B64C11/06; B64C11/42; F03D7/02	AN ADJUSTABLE PROPELLER ARRANGEMENT AND A METHOD OF DISTRIBUTING FLUID TO AND/OR FROM SUCH AN ADJUSTABLE PROPELLER ARRANGEMENT.
EP2331813 A1 20110615	WO2009US56439 20090910; US20080095816P 20080910	TIMKEN CO [US]	F03D11/02; F16H1/28	POWER TRAIN FOR WIND TURBINE
EP2333313 A1 20110615	EP20030795782 20030922; DE20021045078 20020927	WOBLEN ALOYS [DE]	F03D1/00; E02D27/42; F03D11/04	Foundation for wind turbine
EP2333324 A2 20110615	DE200910058242 20091214	SCHILLING MARTIN [DE]	F03D9/00	Wind power assembly for generating electrical energy in a motor vehicle
EP2333330 A2 20110615	DE200910057761 20091210	KIRSCHHEY CENTA ANTRIEBE [DE]	F03D11/02	Coupling with overload clutch for a wind turbine
EP2334549 A2 20110622	WO2009EP62227 20090922; AT20080001477 20080922	ENTHAMMER WALTER [AT]	B64C27/46	BLADE FOR A TURBOMACHINE
EP2334586 A1 20110622	WO2009EP63027 20091007; DE200810051015 20081013	SPANSET SECUTEX GMBH [DE]	B66C1/66; F03D1/00	CONNECTION BRACKET

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EP2334910 A2 20110622	WO2009US57861 20090922; US20090206559P 20090130; US20080192758P 20080922; US20080192759P 20080922	METALDYNE COMPANY LLC [US]	F01D25/24; F03B11/02; F03D11/00; F04D29/40	FABRICATED TURBINE HOUSING
EP2334928 A1 20110622	WO2009NL50197 20090414; NL20081035400 20080507	DE CONINCK ALEXANDER [NL]	F03B17/06; F03B7/00; F03D9/00	DEVICE FOR GENERATING ENERGY
EP2334929 A2 20110622	WO2009EP61043 20090827; DE200810041849 20080905	BOEGL MAX BAUUNTERNEHMUNG GMBH [DE]	F03D1/00	OFFSHORE STATION, FOUNDATION FOR AN OFFSHORE STATION, AND METHOD FOR BUILDING AN OFFSHORE STATION
EP2334931 A1 20110622	WO2009CA01444 20091009; US20080103932P 20081009	BIRO AIR ENERGY INC [CA]	F03D1/04; F03D1/06; H02K7/18	WIND POWERED APPARATUS HAVING COUNTER ROTATING BLADES
EP2334933 A2 20110622	WO2009GB02401 20091007; GB20080018466 20081008	BLADE DYNAMICS LTD [GB]	F03D1/06	A WIND TURBINE ROTOR
EP2336555 A1 20110622	EP20090179056 20091214	LM GLASFIBER AS [DK]	F03D7/02	Magnetic active flap
EP2336556 A1 20110622	WO2009ES70381 20090915; ES20080001941U 20080925	SONKYO S L [ES]	F03D7/02	DEVICE FOR ADJUSTING THE BLADE PITCH OF A WIND GENERATOR
EP2336557 A1 20110622	EP20090015592 20091217	NORDEX ENERGY GMBH [DE]	F03D7/04	Method for operating a wind farm with a reduced power operating mode
EP2336558 A2 20110622	ES20090002345 20091216	GAMESA INNOVATION & TECH SL [ES]	F03D7/04	Method of operating a variable speed wind turbine

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EP2336559 A1 20110622	EP20090179257 20091215	VESTAS WIND SYS AS [DK]	F03D11/00	Lightning current transfer unit for a wind turbine
EP2336560 A1 20110622	EP20090179235 20091215	VESTAS WIND SYS AS [DK]	F03D11/00	Lightning current transfer assembly for a wind turbine
EP2337947 A1 20110629	WO2009US57973 20090923; WO2008US11015 20080923	FLODESIGN WIND TURBINE CORP [US]	F03B3/12	TURBINE WITH MIXERS AND EJECTORS
EP2337950 A2 20110629	WO2009EP06574 20090910; DE200810052858 20081023	REPOWER SYSTEMS AG [DE]	F03D1/06	PROFILE OF A ROTOR BLADE AND ROTOR BLADE OF A WIND POWER PLANT
EP2337951 A2 20110629	WO2009FR52021 20091022; FR20080005931 20081024	NOVEOL [FR]	F03D3/06; F03D7/06	WIND TURBINE WITH VERTICAL AXIS
EP2337952 A2 20110629	WO2009DK00204 20090916; DK20080001363 20080930; US20080101378P 20080930	VESTAS WIND SYS AS [DK]	F03D7/04	CONTROL OF WIND PARK NOISE EMISSION
EP2337953 A2 20110629	WO2009EP63174 20091009; GB20080018610 20081010	SWAY TURBINE AS [NO]	F03D11/00; F03D11/04	WIND TURBINE ROTOR AND WIND TURBINE
EP2337954 A1 20110629	WO2009SE51185 20091019; SE20080002274 20081024	HM POWER AB [SE]	F03D11/04; F03D7/02	A FLOATABLE WIND POWER PLANT
EP2338224 A1 20110629	WO2008EP64140 20081020	WOODWARD SEG GMBH & CO KG [DE]	H02P9/00; F03D9/00; H02H7/06	PROTECTION SYSTEM OF A DOUBLY-FED INDUCTION MACHINE

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EP2339094 A1 20110629	EP20090306323 20091223	SOLETANCHE FREYSSINET [FR]	E04H12/16; E04H12/34; F03D11/04	Tower having a pre-stressed concrete column and construction method
ES1073647U U 20110118	ES20100031232U 20101203	NUALART VILARO JOSEP [ES]	F03D3/04	AEROGENERADOR
ES1073696U U 20110128	ES20100030557U 20100601	ACCIONA WINDPOWER S A [ES]	F03D1/00; F01D25/00	DISPOSITIVO PARA GIRAR EL TREN DE POTENCIA DE UN AEROGENERADOR Y AEROGENERADOR QUE COMPRENDE DICHO DISPOSITIVO
ES1073704U U 20110131	ES20100001230U 20101215	IND TECHNOFLEX SA [ES]	F03D9/00	AEROGENERADOR CON PROTECCION PARA ANIMALES VOLADORES
ES1074081U U 20110318	ES20100030662U 20100625	BONFIGLIOLI RIDUTTORI SPA [IT]	F03D11/04	CONJUNTO DE REGULACION DEL PASO DE PALA DE GENERADOR EOLICO
ES1074113U U 20110323	ES20110030128U 20110210	ORTUNO SORIANO JOSE [ES]	F03D9/00	AEROGENERADOR VERTICAL PUBLICITARIO
ES1074180U U 20110330	ES20110030067U 20110127	GONZALEZ MARTEL JUAN JOSE [ES]	F03D11/00	DISPOSITIVO ROTATORIO PARA MODIFICAR EL ANGULO DE PASO DE LAS PALAS DE UN AEROGENERADOR
ES1074184U U 20110331	ES20090001373U 20090922	SARRIA JIMENEZ DAVID [ES]	F03D1/00	GENERADOR EOLICO DE ASPAS Y COMETAS
ES1074630U U 20110518	ES20110000055U 20110110	PACHECO SIMO ERNESTO [ES]	F03D9/02	GENERADOR DE ELECTRICIDAD EOLICO QUE APROVECHA EL MOVIMIENTO DE LOS VEHICULOS
ES1074868U U 20110622	ES20110000481U 20110524	ALMELA HERNANDEZ AGUSTIN [ES]	F03D3/00	GENERADOR EOLICO
ES2349449T T1 20110103	DE200710001121 20070104	DEWIND CO [US]	G05B23/02; F03D7/04	UNIDAD SCADA.
ES2349702T T3 20110110	FR20010002519 20010223	JEUMONT S A [FR]	F03D9/00; H02P9/30; H02P9/48	PROCEDIMIENTO Y DISPOSITIVO DE REGULACION DE UNA CENTRAL ELECTRICA EOLICA.
ES2350135 A1 20110119	ES20080001995 20080704	STRUCTURAL CONCRETE & STEEL S L [ES]	F03D11/04	SISTEMA DE CONEXION PARA TORRES MIXTAS DE AEROGENERADORES
ES2350271T T3 20110120	WO2007DK00072 20070214	VESTAS WIND SYS AS [DK]	H05K5/02; F03D11/00; H05K7/20	SISTEMA DE RECIRCULACION DE AIRE EN UN COMPONENTE DE UNA TURBINA EOLICA.

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ES2350299T T3 20110120	DE200410024563 20040518	NORDEX ENERGY GMBH [DE]	F02D7/02; F03D7/02; F03D9/00; F03D9/02	INSTALACION DE ENERGIA EOLICA CON UN GENERADOR AUXILIAR Y PROCEDIMIENTO PARA SU CONTROL.
ES2350322T T3 20110121	DK20060001659 20061218	VESTAS WIND SYS AS [DK]	F16C19/14; F03D11/00; F16C19/34; F16C19/54; F16C33/38; F16C33/46; F16C33/51	COJINETE Y PROCEDIMIENTO PARA TRANSFERIR FUERZAS A TRAVES DE UN COJINETE DE UNA TURBINA EOLICA.
ES2350521T T3 20110124	DE200710017870 20070413	REPOWER SYSTEMS AG [DE]	H02P9/00; F03D7/02; F03D9/00; H02J3/18; H02J3/38; H02J9/06	PROCEDIMIENTO PARA LA OPERACION DE UNA INSTALACION DE ENERGIA EOLICA EN CASO DE SOBRETENSIONES EN LA RED.
ES2350623T T3 20110125	DK20070000106 20070124	VESTAS WIND SYS AS [DK]	F03D1/00; F03D1/06	PROCEDIMIENTO PARA MOVER UN COMPONENTE DE TURBINA EOLICA, TAL COMO UN BUJE DE TURBINA EOLICA, DESDE UNA POSICION DE TRANSPORTE HASTA UNA POSICION DE ENSAMBLAJE DE TURBINA EOLICA EN O SOBRE LA GONDOLA, EL ARBOL PRINCIPAL O EL BUJE, UNIDAD DE MANIPULACION,
ES2350765T T3 20110126	WO2003EP12134 20031031	VESTAS WIND SYS AS [DK]	H02G13/00; F03D11/00	MIEMBRO DE IGUALACION DE POTENCIAL.
ES2350919T T3 20110128	DE20011038399 20010804	BAW GMBH [DE]	F03D9/00; F03D7/02; F03D7/04	PROCEDIMIENTO PARA HACER FUNCIONAR UNA PLANTA DE ENERGIA EOLICA.

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ES2350936T T3 20110128	DE20011037270 20010731	WOBEN ALOYS [DE]	F03D9/00; F03D11/00; H02K3/00; H02K3/12; H02K3/28; H02K3/46; H02K3/48; H02K15/085; H02K17/16; H02K19/34; H02K57/00	INSTALACION DE ENERGIA EOLICA CON GENERADOR ANULAR.
ES2350987 A1 20110128	ES20080000491 20080221	CASANOVA PEREZ GREGORIO [ES]; CASANOVA PEREZ MA MERCEDES; CASANOVA PEREZ ELENA MA	F03D9/02	VEHICULO POLIVALENTE DE ENERGIA MIXTA.
ES2351901 A1 20110214	ES20080003132 20081103	INGETEA ENERGY S A [ES]	F03D7/02; H02J3/38; H02P3/22	METODO Y SISTEMA PARA OPERAR UN AEROGENERADOR.
ES2351915 A1 20110214	ES20100031841 20101214	UNIV MADRID POLITECNICA [ES]	F03D9/00; F03D11/00	AEROGENERADOR.

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ES2351966T T3 20110214	AT20020000656 20020429	OCEAN WIND ENERGY SYSTEMS INC [US]	F03D1/02; A61K8/14; A61K8/64; A61K9/127; A61K9/14; A61K31/015; A61K31/047; A61K31/07; A61K31/122; A61K31/14; A61K31/164; A61K31/185; A61K31/196; A61K31/197; A61K31/198; A61K31/205; A61K31/231; A61K31/232; A61K31/352; A61K31/355; A61K31/375; A61K31/405; A6	METODO DE EXTRAER ENERGIA DE UNA SERIE DE ROTORES DE TURBINAS EOLICAS.
ES2352945 A1 20110216	ES20070003092 20071123	FUNDACION CENER CIEMAT [ES]	F03D1/06	SISTEMA DE AMARRE PARA LA UNION DE TRAMOS DE PALAS DE AEROGENERADOR PARTIDAS
ES2353088 A1 20110225	ES20080003317 20081114	UNIV DE VALLADOLID MIGUEL SAN JOSE [ES]; UNIV VALLADOLID	F03D11/00; G01M99/00	EMULADOR DE TURBINA EOLICA.
ES2353089 A1 20110225	ES20080003392 20081128	FUNDACION CENER CIEMAT [ES]	F03D7/04; G05B13/04; G05B17/02; G05B23/02	SISTEMA PARA LA ESTIMACION EN LAZO CERRADO DE MODELOS LINEALES ENTRADA SALIDA DE UN AEROGENERADOR.
ES2353320 A1 20110301	ES20080000345 20080208	GAMESA INNOVATION & TECH SL [ES]	F03D11/00	PALA DE AEROGENERADOR CON UNA BALIZA LUMINOSA EN SU PUNTA.
ES2353325 A1 20110301	ES20090001478 20090623	GAMESA INNOVATION & TECH SL [ES]	F03D1/06	RIGIDIZACION DE LA RAIZ DE PALA DE UN AEROGENERADOR

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ES2353528T T3 20110302	GB20030026933 20031119	HANSEN TRANSMISSIONS INT [BE]	F16H1/28; F03D11/02	UNIDAD DE TRANSMISION POR ENGRANAJES CON PORTA SATELITES.
ES2354324 A1 20110314	ES20080003582 20081217	GAMESA INNOVATION & TECH SL [ES]	F03D11/00; F03D11/04	METODOS DE SERVICIO Y DISPOSICIONES DE ACOPAMIENTO DE AEROGENERADORES.
ES2354340T T3 20110314	DK20070000455 20070323	VESTAS WIND SYS AS [DK]	F03D9/00; G01R33/12	METODO PARA ESTABLECER UN GENERADOR DE TURBINA EOLICA CON UNO O MAS ROTORES DE IMAN PERMANENTE (PM), GONDOLA DE TURBINA EOLICA Y TURBINA EOLICA.
ES2355660T T3 20110329	EP20070380213 20070716	GAMESA INNOVATION & TECH SL [ES]	H02J3/00; F03D9/00	SISTEMA DE ENERGIA EOLICA Y PROCEDIMIENTO PARA HACERLO FUNCIONAR.
ES2355804T T3 20110331	JP20040021180 20040129	FUJI HEAVY IND LTD [JP]	F03D7/02; F03D7/04; F03D1/06	TURBINA EOLICA DE EJE HORIZONTAL Y METODO PARA CONTROLAR LA TURBINA EOLICA DE EJE HORIZONTAL.
ES2355885 A1 20110401	ES20080001627 20080530	WINDECO RENOVBABLE S L U [ES]	H02J3/38; F03D9/00; H02M7/537	REGULADOR ELECTRONICO PARA AEROGENERADORES.
ES2356024T T3 20110404	EP20060024336 20061123	SIEMENS AG [DE]	B66C1/42; B66C23/36; F03D1/00; F03D11/04	PROCEDIMIENTO Y DISPOSITIVO PARA EL MONTAJE DE PALAS DE TURBINA EOLICA.
ES2356209 A1 20110406	ES20090000477 20090220	UNIV SEVILLA [ES]; PREXTOR SYSTEMS S L	B65D88/78; F17C1/00	BATERIAS SUBMARINAS DE PAR AJUSTADO.
ES2356679 A1 20110412	ES20080001705 20080606	TORRES MARTINEZ M [ES]	F03D11/04; E04H12/08	TORRE PARA AEROGENERADOR.
ES2357077T T3 20110418	DK20070000787 20070531	VESTAS WIND SYS AS [DK]	F03D7/02	PROCEDIMIENTO PARA EL FUNCIONAMIENTO DE UNA TURBINA EOLICA, TURBINA EOLICA Y UTILIZACION DEL PROCEDIMIENTO.
ES2357422T T3 20110426	WO2002EP10116 20020910	DEWIND CO [US]	F03D7/04; H02P9/00; F03D9/00; H02J3/38	PROCEDIMIENTO PARA EL FUNCIONAMIENTO DE UNA INSTALACION DE ENERGIA EOLICA CON CASCADA SOBRESINCRONIZADA.
ES2358032 A1 20110505	ES20080003577 20081217	TORRES MARTINEZ M [ES]	E02D27/52; F03D11/04	BASE DE CIMENTACION PARA EL MONTAJE DE AEROGENERADORES EN LECHO ACUATICO Y METODO DE FABRICACION DE DICHA CIMENTACION.

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ES2358667T T3 20110512	GEAP20007010094 20070524	GEORGIAN TECHNICAL UNIVERSITY GTU [GE]	B64C11/00; B64C27/46; F03D7/02	ROTOR DE DIAMETRO VARIABLE CON UN MECANISMO DE COMPENSACION DE FUERZAS CENTRIFUGAS.
ES2358711 A1 20110513	ES20080002646 20080918	GAMESA INNOVATION & TECH SL [ES]	F03D7/02	METODO PARA PARAR UN AEROGENERADOR EN DOS ETAPAS.
ES2358820 A1 20110516	ES20090000558 20090227	ACCIONA WINDPOWER S A [ES]	F03D9/00	PROCEDIMIENTO Y SISTEMA HIBRIDO DE GENERACION ELECTRICA.
ES2359105 A1 20110518	ES20080000252 20080131	GAMESA INNOVATION & TECH SL [ES]	F03D7/02	METODO PARA PARAR UN AEROGENERADOR.
ES2359106 A1 20110518	ES20080000363 20080211	MORELL MESTRE JAIME [ES]	F03D1/02; F03D1/00	GENERADOR EOLICO MODULAR.
ES2359309 A1 20110520	ES20090002135 20091110	GAMESA INNOVATION & TECH SL [ES]	F03D11/00	SISTEMA DE REFRIGERACION DE AEROGENERADORES
ES2359310 A1 20110520	ES20090002136 20091110	GAMESA INNOVATION & TECH SL [ES]	F03D1/06; F03D9/00; F03D11/04; H02K7/18	AEROGENERADOR CON VIAS INTERNAS DE ACCESO MEJORADAS.
ES2359519 A1 20110524	ES20080002888 20081013	UNIV DA CORUNA [ES]	F03D3/04; F03D5/06	PROCEDIMIENTO Y DISPOSITIVO DE CONCENTRADOR PARA TURBINAS EOLICAS.
ES2359842T T3 20110527	DE200410060449 20041214	WOBLEN ALOYS [DE]	F03D11/00; B64D15/20; G01W1/00	PALA DEL ROTOR PARA UNA INSTALACION DE ENERGIA EOLICA.
ES2361100 A1 20110614	ES20080000573 20080228	GAMESA INNOVATION & TECH SL [ES]	F03D11/00; F03D1/00	MULTIPLICADORA DE AEROGENERADOR CON ATMOSFERA CONTROLADA.
ES2361358 A1 20110616	ES20100031900 20101221	PREPHOR S A [ES]	E04H12/12; F03D11/04	TORRE PARA GENERADOR EOLICO.
FI121607B B1 20110131	FI20080005635 20080624	POSIRA OY [FI]	F16C11/04; F03D7/00; F03D11/00	Laakerointimekanismi ja tuulivoimala
FR2948194 A1 20110121	FR20090003461 20090715	THALES SA [FR]	G01S7/36; F03D11/00; G01S13/87	Complementary radar system for detection of targets moving in e.g. wind mill field, has sector of monitored zone part covered by system by considering positions of wind mills, power and radiation diagram of elements

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FR2948198 A1 20110121	FR20090003514 20090717	THALES SA [FR]	G01S13/87; F03D11/00; G01S7/36; G01S13/00	Radar system for carrying out low and very low altitude coverage of area of airspace located above field of wind turbines, has element comprising antenna directed towards zenith arranged to present radiation diagram in azimuth
FR2949005 A1 20110211	FR20090055587 20090807	BIOTOPE [FR]	G05B9/00; F03D7/02	CONTROLE D'UNE INSTALLATION EN FONCTION DE LA DANGEROUSITE DE SON INTERACTION AVEC UNE ESPECE ANIMALE
FR2949248 A1 20110225	FR20090004001 20090818	BENHAIEM PIERRE [FR]	F03D5/00; F03B17/00; F03D9/02; F03D11/04	Device for converting e.g. wind energy into mechanical energy for e.g. producing hydrogen, has positioning unit recovering positioning of line just after half turn in order to permit optimal exploitation of tangential force given to lever
FR2950113 A1 20110318	FR20080006646 20081126	KACH GEORGES [FR]	F03D3/06; B64C11/00; F03D7/06	Rotating wind turbine device for aerial propulsion of e.g. airplane, has synchronization units synchronizing rotational movement of each wheel with that of rotor hub such that units constrain wheel to turn in direction relative to hub
FR2950121 A1 20110318	FR20090004388 20090915	STROMAG FRANCE [FR]	F16D65/14; F03D7/02; F03D11/00; F16D65/18	Mobile part's i.e. piston, slip controlling device for single piston hydraulic braking device in rotor brake of wind turbine, has fixed stoppers limiting relative displacement of support part with respect to fixed part
FR2950937 A1 20110408	FR20090056998 20091007	OKWIND [FR]	F03D3/04; F03D3/02	EOLIENNE A DEFLECTEUR INTERNE
FR2950938 A1 20110408	FR20090004779 20091006	BRUNET FRANCOIS JEAN MICHEL [FR]	F03D5/06; F03D11/02	Device for producing electricity by wind movement on tree, has winder including spring for rewinding cable and engaged with electric generator, and casing fixed on ground and provided with control part
FR2951881 A1 20110429	FR20090005185 20091028	BERTRAM PIERRE OLIVIER [FR]	H02J11/00; F03D9/02; H02J13/00	Autonomous energy module, has case and base plate that are placed in order not to obstruct and contrary channeling of air flow on wind turbine, and solar generator and frame that are integrated to form coherent and monoblock assembly
FR2952153 A1 20110506	FR20090005266 20091103	STROMAG FRANCE [FR]	F16D65/14; F03D7/02; F16D65/34	Electromechanical braking device for rotor of wind mill, has displacement sensor measuring deformation of control arm, and control unit acting on power supply unit of electrical motor when measured deformation exceeds predetermined value

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FR2952388 A1 20110513	FR20090005367 20091109	MARTINIERE JEAN PIERRE GERARD [FR]; MARTINIERE DAVID BRUNO [FR]; MASSON VIOLAINE FRANCOISE [FR]; MARTINIERE CAROLE JEANINE [FR]	E03B3/28; B01D5/00; B01D53/00; F03D9/00	Autonomous device for production of electricity and water, has mast including air inlet opening located at base of mast and air outlet opening located at top of mast to generate and/or promote circulation of air inside mast
FR2953258 A3 20110603	FR20090005772 20091130	BOURRIAUD MICHEL EDOUARD RAYMOND [FR]	F03D7/04	Rotation axis wind turbine for e.g. electricity production, has blade backing collar, where displacement of collar is limited to one side by stopper and another side by one of retraction springs, compressed and supported on another stopper
FR2954268 A1 20110624	FR20090006329 20091223	INST FRANCAIS DU PETROLE [FR]	B63B35/44; F03D1/02; F03D1/04; F03D7/04; F03D9/00; F28B5/00	Barge i.e. fuel oil tank, for producing wind energy and water, has wind energy concentrator device whose outlet is communicated with inlet of condensation element comprising venturi throats mounted in parallel
FR2954415 A1 20110624	FR20090006326 20091223	INST FRANCAIS DU PETROLE [FR]	F03D1/04; F03D1/02; F03D7/04	System for producing energy, has wind power concentrating device whose outlet is connected with inlet of element machine that comprises set of turbines for collecting wind power, where turbines are assembled in element machine
FR2954416 A1 20110624	FR20090059278 20091221	LECANU PIERRE [FR]; QUEMERE ERIC [FR]	F03D1/04; F03D11/04	EOLIENNE IMPLANTEE AU DERNIER ETAGE D'UNE HABITATION, EN PARTICULIER EN ZONE URBAINE
FR2954475 A1 20110624	FR20090006324 20091223	INST FRANCAIS DU PETROLE [FR]	F25B27/00; F03D1/02; F03D1/04	Wind energy system for producing cold and mechanical energy, has concentrating device in form of nozzle comprising outlet that communicates with inlet of cold production element with venturi collars and heat exchange unit
FR2954478 A1 20110624	FR20090006322 20091223	INST FRANCAIS DU PETROLE [FR]	F28B5/00; F03D1/02; F03D1/04; F28B9/02	System for producing water e.g. drinking water, from salted or polluted water, has convergent wind turbine energy concentrator whose outlet is connected with inlet of condensation element that is provided with venturi collars
GB2471699 A 20110112	GB20090011918 20090709	TECHNELEC LTD [GB]	F03B17/06; F03D1/02	Electrical generation by multiple turbines

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
GB2471710 A 20110112	GB20090011975 20090710	LYNN KUO-YUAN [TW]	F03D9/00; F03D3/00; F03G6/04; F03G6/06; F24J2/08	Energy converting system comprising a windmill and a sunlight focusing device
GB2471847 A 20110119	GB20090012169 20090713	HOULY CO LTD [TW]	F03D11/04; F03D7/02	Wind turbine with tower rotatable to align the turbine
GB2472103 A 20110126	GB20090012984 20090724	NJORDGEN SUSTAINABLE TECHNOLOGIES LTD [GB]; WINDCROP LTD [GB]	F03D11/04; E04H12/20; E04H12/34; F03D1/00	Wind turbine support for vertical adjustment installation method
GB2472107 A 20110126	GB20090012709 20090722	HELD PETER [GB]	F03D3/04; B60K16/00; B60L8/00; H02K7/18	Speed wind powered alternator
GB2472144 A 20110126	GB20090012695 20090722	POWER COLLECTIVE LTD [GB]	F03D3/00; E04D3/40; E04D13/18; F03D3/04; F03D11/04; F16F1/36	Modular roof ridge generator with flow controlling shuttered housing and anti-vibration bracket.
GB2472177 A 20110126	WO2009US45470 20090528; US20080056486P 20080528	BOYD STEPHEN DAVID [US]	F03D1/04	Wind diverter
GB2472184 A 20110202	GB20090009995 20090611	PLATT KEITH [GB]	H02J7/32; F03D9/02	Apparatus and method for supplying electricity to an electrical supply system.
GB2472253 A 20110202	GB20090013328 20090731	HELD PETER [GB]	F03D9/00; F03D3/00; F03D3/06; F03D11/04	Roadside Turbine
GB2472437 A 20110209	GB20090013739 20090806	VESTAS WIND SYS AS [DK]	F03D7/04; G01B11/16	Wind turbine rotor blade control based on detecting turbulence

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GB2472460 A 20110209	GB20090013935 20090807	GURIT [GB]	F03D1/06; F03D7/02; F03D11/00	Wind or Tidal Turbine Blade having an Attachment
GB2472619 A 20110216	GB20090014089 20090812	ROMAX TECHNOLOGY LTD [GB]	F16C19/38; F03D1/06; F03D3/06; F16C19/34	A bearing cartridge for a rotatable shaft of a wind turbine
GB2472660 A 20110216	GB20090013877 20090810	CROSS FLOW ENERGY COMPANY LTD [GB]	F03D3/04; F03B17/06; F03D3/06	Vertical axis wind or water turbine shield shape.
GB2472759 A 20110223	GB20090004873 20090320; US20090160905P 20090317	VESTAS WIND SYS AS [DK]	F03D7/02; F03D11/00; F16C11/04	Retractable hinge apparatus for wind turbine control surface
GB2472957 A 20110223	WO2009GB50543 20090520; GB20080009235 20080521	POWEROASIS LTD [GB]	F03D9/00; H02J3/14; H02J7/35; H02J13/00	Supervisory system controller for use with a renewable energy powered radio telecommunications site
GB2473020 A 20110302	GB20090014960 20090827	VESTAS WIND SYS AS [DK]	H01Q17/00; F03D11/00; F41H3/00	Wind turbine composite structure for absorbing radio frequency energy
GB2473448 A 20110316	GB20090015777 20090909	VESTAS WIND SYS AS [DK]	F03D1/06; F03D7/02	Wind Turbine Rotor Blade With Undulating Flap Hinge Panel
GB2473450 A 20110316	GB20090015791 20090909	OSMAN SAEED [GB]	B64B1/60; B64B1/02; F03D11/04	Balloon having inner and outer gas compartments
GB2473462 A 20110316	GB20090015890 20090911	ROLLS ROYCE PLC [GB]	F03B17/06; F03D1/04	Fluidic nozzle using Magnus effect
GB2473666 A 20110323	GB20090016579 20090922	SZYMANEK DARIUSZ KAZIMIERZ [GB]	F03D1/02; F03D3/02	Multi-rotors shaft
GB2473687 A 20110323	TW20090144357 20091223; TW20100106111 20100303	LIAO FU-CHANG [TW]	F03D5/02; F03D5/04	Wind powered device with endless driving device

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GB2473736 A 20110323	GB20090016566 20090921	UNIV CRANFIELD [GB]	F03D9/02; F03D7/04; F03D9/00; H02P9/48	Provision of electricity using a wind turbine and a fuel consuming generator
GB2473756 A 20110323	GB20100016724 20101005	NAHIM MOHAMMED [GB]	F03D9/00; F03D3/06; F03D7/06	Wind turbine with driving motor
GB2473881 A 20110330	GB20090017070 20090929	WILSON DAVID [GB]	F03D3/04; F03B17/06; F03D7/02; F03D7/06	Shielded, self regulating transverse wind or water turbine
GB2473897 A 20110330	WO2008US78899 20081006; US20070978155P 20071008; US20080150072 20080424	VITERNA LARRY ALAN [US]	F03D1/00; B63B21/50; F03D11/04	Floating wind turbine system
GB2474080 A 20110406	GB20090017414 20091005	SAEED OSMAN [GB]	F03D3/06; B64C11/00; F03D1/06; F03D7/02; F03D7/06	Rotor with variable helix blades
GB2474333 A 20110413	GB20090017796 20091012	FRENCH DAVID JAMES [GB]	E04D13/18; E04D1/30; F03D9/00; F03D11/04	Roof covering including wind turbines
GB2474961 A 20110504	DE200910051117 20091028	VOITH PATENT GMBH [DE]	F03B13/26; F03B3/12; F03B17/06; F03D1/06; F03D7/00	Turbine with upwind horizontal axis rotor and passive yaw adjustment

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GB2475020 A 20110504	WO2009US04773 20090821; US20080189950P 20080822	NATURAL POWER CONCEPTS INC [US]	F03D1/00; F03D1/06; F03D3/00; F03D9/00; F03D11/02	Rimmed turbine
GB2475100 A 20110511	GB20090019535 20091107	O'DOWD PEADAR [GB]	F03D11/04; F03D3/00; F03D3/04	Modular roof ridge mounted turbine
GB2475216 A 20110511	WO2009US04770 20090821; US20080189950P 20080822; US20090202126P 20090130; US20090202189P 20090204; US20090213829P 20090720	NATURAL POWER CONCEPTS INC [US]	F03B13/12; B63B35/44; F03B17/06; F03D9/00	Platform for generating electricity from flowing fluid using generally prolate turbine
GB2475217 A 20110511	WO2009US04768 20090821; US20080189950P 20080822; US20090202189P 20090204	NATURAL POWER CONCEPTS INC [US]	F03D1/06; F03D7/02; F03D11/02	Folding blade turbine
GB2475305 A 20110518	GB20090019954 20091113	STATOIL ASA [NO]	F03D1/00; E02D27/42; F03D11/04	Wind turbine resilient support structure
GB2475552 A 20110525	GB20090020508 20091123	BALKEE RAJENDRANATH [MU]	F03D3/06	Flapping wind generator
GB2475609 A 20110525	US20090261808P 20091117; US20090635248 20091210	MODI VIVENDI AS [NO]; EMANTEC AS [NO]	F03D7/00; F03D7/02; F03D9/00; F03D11/02; H02K7/18	Intelligent and optimized wind turbine system for harsh environmental conditions

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GB2475670 A 20110601	GB20090016152 20090915	FROUGHI FARZAD [GB]	F03D3/06; F03D11/02	Pivoted blade vertical axis drag-type wind turbine with repelling magnet strips, aerofoil blades and constant speed generator
GB2475694 A 20110601	GB20090020681 20091125	VESTAS WIND SYS AS [DK]	F03D7/02; F03D1/06	Flap control for wind turbine blades
GB2475843 A 20110608	GB20090021027 20091201	FLETCHER JOHN KENNEDY [GB]	F03D3/04; F03D7/06	Drag-type horizontal transverse axis generating wind turbine with deflector and regulating stator.
GB2475865 A 20110608	GB20090021154 20091202	VESTAS WIND SYS AS [DK]	F03D1/00; F03D11/00	Anti-Oscillation Apparatus And Technique For Securing Wind Turbine Blades Against Oscillations
GB2476013 A 20110608	WO2009US04767 20090821; US20080189950P 20080822; US20080193395P 20081124	NATURAL POWER CONCEPTS INC [US]	F03D3/04; F03B17/06	Column structure with protected turbine
GB2476051 A 20110615	GB20090021497 20091208	ATKINS LTD [GB]	F03D11/04; E04H12/10	Mast and truss structure suitable for wind turbines
GB2476126 A 20110615	GB20090021774 20091212	RODWAY GILES HENRY [GB]	F03D9/00; F03D1/02; F03D3/02; F03D11/04	Interconnected modular wind turbine array
GB2476316 A 20110622	GB20090022385 20091221	VESTAS WIND SYS AS [DK]	F03D7/02; F03D7/04	Method And Apparatus For Predictive Control Of A Wind Turbine Generator
GB2476325 A 20110622	GB20090022067 20091217	TRADEWIND TURBINES LTD [GB]	F03D7/06; F03D3/00; F03D11/04	Sail furling mechanism for a vertical axis turbine
GB2476329 A 20110622	GB20100008127 20100514	OCEANTECH LTD [GB]	F03D1/00; B66B9/02; E02B17/00; F03D11/04	Modular vertical tower access structure
GB2476404 A 20110622	GB20110002584 20110215	RUDH MATTIAS GILLIS WINGE [NO]	F03B13/06; F03D9/02	Floating pumped storage system and method of operation
GB2476419 A 20110622	WO2008SE51531 20081219	VERTICAL WIND AB [SE]	F03D3/06	A wind turbine

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GB2476489 A 20110629	GB20090022517 20091223	GLOBAL POWER AND ENERGY LTD [GB]	F02C6/16; F03D9/02; F15B1/027	Compressed air energy storage (CAES) system with means to recycle thermal energy from compressed air
GB2476506 A 20110629	GB20090022592 20091223	VESTAS WIND SYS AS [DK]	F03D7/02	Method And Apparatus Protecting Wind Turbines From Low Cycle Fatigue Damage
GB2476507 A 20110629	GB20090022601 20091223	VESTAS WIND SYS AS [DK]	F03D7/02	Method And Apparatus For Protecting Wind Turbines From Gust Damage
GB2476509 A 20110629	GB20090022615 20091224	ROLLS ROYCE PLC [GB]; TIDAL GENERATION LTD [GB]	F03B13/26	Turbine with reduced thrust coefficient at excessive speed
GB2476521 A 20110629	GB20100012316 20100318; GB20100004519 20100318; TW20090144357 20091223	LIAO FU-CHANG [TW]	F03D5/02; F03D3/06; F03D5/04	Wind powered device having blades with wheels abutting a wheel track
GB2476522 A 20110629	TW20090144357 20091223; GB20100004519 20100318	LIAO FU-CHANG [TW]	F03D5/02; F03D3/06; F03D5/04	Wind powered device having blades with wheel assembly to be rotatably contained within a wheel track
GB2476529 A 20110629	GB20090022605 20091223	STORE ROLAND [GB]	F03D3/06	Vertical axis feathering vane wind turbine with fantail
GB2476582 A 20110629	IE20090000973 20091223	C & F TOOLING LTD [IE]	F03D7/02; F03D1/06	Axial rod and spider wind turbine blade pitch control for tangentially mounted blades
GB2476598 A 20110629	WO2010SE50007 20100107; SE20090050001 20090107	XMEC XIANGTAN ELECTRIC MFG GROUP CORP LTD [CN]	F03D7/02	Wind turbine with control system
GR1007232 B 20110406	GR20100100015 20100108	VOUROUBAS IOANNIS STYLIANOU [GR]	H01L31/058; F03D9/00; F24J2/02	HYBRID BOX-LIKE COOKER SYNCHRONICALLY USING SOLAR AND EOLIC ENERGY
GR20090100327 A 20110119	GR20090100327 20090615	SAKOULIS GEORGIOS DIMITRIOU [GR]	F03G7/00; F03D9/00; F03D9/02	POWER GENERATION SYSTEM (AIR-TURBINE)

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GR20090100457 A 20110331	GR20090100457 20090817	TANTSIS EVANGELOS G [GR]	F03D9/00	POWER GENERATION SYSTEM OPERATING WITH ARTIFICIAL WIND AND A MODIFIED WIND GENERATOR
HK1097309 A1 20110202	WO2004AU00972 20040721; AU20030903767 20030721; AU20030905500 20031008; AU20040900699 20040212; AU20040901435 20040318	MORPH PTY LTD [AU]	F03D1/04; F03G6/04; F24J2/42	AN ENERGY TRANSFER SYSTEM FOR INTEGRATION WITH A BUILDING
HK1123839 A1 20110603	WO2006AU01452 20061004; AU20050905474 20051004	O'CONNOR ARTHUR BENJAMIN [AU]		WIND TURBINE
HK1144058 A2 20110121	HK20090110675 20091113	JOINTIFF LTD [HK]		MINI WIND TURBINE FOR TOY AND EDUCATIONAL PURPOSES
HR20090465 A2 20110531	HR20090000465 20091103	BILIC JOSIP [BA]	F03D3/02	VERTICAL WIND TURBINE WITH TWO ROTORS
HU0900123 A2 20110228	HU20090000123 20090302	GAVALLER ISTVAN [HU]	F03D9/00; F02C6/00	COMBINED POWER STATION MAINLY FOR UTILIZATION OF WIND AND BIOGAZ ENERGY
HU0900149 A2 20110228	HU20090000149 20090312	SZALAI ATTILA [HU]; SZALAI JANOS [HU]	F03D3/00	WATER AND WIND MOTOR HAVING A WHEEL WITH BLADES
HU0900152 A2 20110128	HU20090000152 20090313	KOMJATHY MIKLOS [HU]	F03D3/04	ENHANCING THE EFFICIENCY OF VERTICAL AXIS WIND MOTORS BY SHIELDING TECHNOLOGY
HU0900428 A2 20110428	HU20090000428 20090710	ID HOLLO IMRE [HU]	F03D3/06	WIND-ENGINE ROTOR
HU0900566 A2 20110428	HU20090000566 20090910	FONTANYI GABOR [HU]	F03D9/02; F03B7/00; F03D9/00	PROCESS AND ESTABLISHMENT FOR IRRIGATION, HEATING, COOLING, ELECTRICAL DEVICES OF GREENHOUSES BY THE AID OF RENEWED ENERGY ALONE
HU1000320 A2 20110328	HU20100000320 20100616	KOKAI DENES [HU]	F03B17/06; F03D5/06	DEVICE FOR CONVERSING ENERGY

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IE20090378 A1 20110105	IE20090000378 20090515	C & F TOOLING LTD [IE]	E04H12/00; F03D11/00	A mast for a wind turbine
IE20090395 A1 20110105	IE20090000395 20090521	C & F TOOLING LTD [IE]	F03D11/00	A chassis for a wind turbine
IE20090970 A2 20110511	IE20090000970 20091223	C & F TOOLING LTD [IE]	F03D11/00; H02K1/00	An alternator
IE20100392 A2 20110105	IE20090000476 20090619; IE20100000392 20100618	NEW WORLD ENERGY ENTPR LTD [IE]	F03D11/00	A pressure controlled wind turbine enhancement system
ITRM2009060 7 A1 20110521	IT2009RM00607 20091120	GIACALONE LUIGI ADRIANO [IT]		APPARATO AEROGENERATORE DI CORRENTE AUTOSOSTENTATO PER VENTI DI ALTA QUOTA
ITTO2009092 8 A1 20110528	IT2009TO00928 20091127	GRU DALBE SRL		GRU A TORRE DOTATA DI GENERATORE EOLICO.
JP201100188 3 A 20110106	JP20090145622 20090618	HYPER DRIVE CORP	F03D9/00; F03D1/00	WIND POWER GENERATION DEVICE USING ELECTRIC FIELD-RESPONSIVE POLYMER MEMBRANE
JP201100192 0 A 20110106	JP20090147114 20090621	FUJIMURA NORIAKI	F03B13/26; F03B9/00; F03D5/02	TIDAL POWER GENERATION SYSTEM
JP201100194 1 A 20110106	JP20090147967 20090622	SUMITOMO HEAVY INDUSTRIES	F03D7/04; F16H1/32	REDUCTION GEAR FOR PITCH DRIVING OF WIND POWER GENERATION
JP201100708 5 A 20110113	JP20090149812 20090624	FUJI HEAVY IND LTD [JP]	F03D7/04; F03D1/02; F03D9/00	FLOATING OFFSHORE WIND TURBINE
JP201100712 1 A 20110113	JP20090152019 20090626	FUJI HEAVY IND LTD [JP]	F03D7/04	HORIZONTAL AXIS WIND TURBINE
JP201100712 2 A 20110113	JP20090152034 20090626	FUJI HEAVY IND LTD [JP]	F03D1/00; F03D7/04	HORIZONTAL AXIS WIND TURBINE
JP201100714 6 A 20110113	JP20090153311 20090629	MECARO KK; MURAKAMI NOBUHIRO	F03D1/06; F03D11/00	MAGNUS TYPE WIND POWER GENERATOR
JP201100714 7 A 20110113	JP20090153344 20090629	GLOBAL ENERGY CO LTD	F03D11/00; F03D9/00	EXHAUST GAS FLOW POWER PLANT

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JP201100716 5 A 20110113	JP20090166098 20090623	IWABUCHI MINORU; SAWADA TSUNORU	F03D11/04; F03D11/00; H01L31/042	METHOD OF INSTALLING MULTISTAGE SOLAR PANEL USING PILLAR FOR WIND POWER GENERATION
JP201100716 6 A 20110113	JP20090166109 20090623	IWABUCHI MINORU; SAWADA TSUNORU	F03D11/02	WIND POWER GENERATOR USING NON-CONTACT TRANSMITTING DEVICE
JP201100716 9 A 20110113	JP20090169475 20090629	ONO YUICHI	F03D3/04; F03D3/06	WIND POWER GENERATOR
JP201100718 7 A 20110113	EP20090008270 20090624	SIEMENS AG [DE]	F03D7/04	ARRANGEMENT AND METHOD TO CONTROL YAWING OF WIND TURBINE
JP201100724 7 A 20110113	JP20090150652 20090625	NTN TOYO BEARING CO LTD [JP]	F16C33/42; F03D7/04; F03D11/00; F16C33/54	ROLLING BEARING AND WIND POWER GENERATOR USING THE SAME
JP201101256 5 A 20110120	JP20090155419 20090630	UNIVERSAL DATA & EURO INFORMATION SYSTEMS CO LTD	F03D3/06; F03D11/04	VERTICAL SHAFT HORN TYPE WIND POWER GENERATOR
JP201101256 6 A 20110120	JP20090155420 20090630	UNIVERSAL DATA & EURO INFORMATION SYSTEMS CO LTD	F03D3/06; F03D7/04; F03D11/04	VERTICAL SHAFT HORN TYPE WIND POWER GENERATOR
JP201101258 4 A 20110120	JP20090156520 20090701	OE MICHIIHIRO	F03D3/02; F03D3/04; F03D3/06	WIND TURBINE GENERATOR
JP201101258 8 A 20110120	JP20090156753 20090701	IIDA SHIGEYUKI	F03D3/06; F03D11/00	STRAIGHT BLADE MULTIPLE ORBIT ARRANGEMENT VERTICAL SHAFT TYPE TURBINE AND POWER GENERATING APPARATUS
JP201101267 8 A 20110120	EP20090008587 20090630	SIEMENS AG [DE]	F03D11/00; G01N23/04	METHOD TO INSPECT BLADE
JP201101567 5 A 20110127	JP20090140242 20090611; JP20090192990 20090824	TOKUSHU DENKYOKU KK; CHUBU ELECTRIC POWER	A01G7/00; A01G7/02; F03D9/00	FACTORY ENVIRONMENT CLEANING SYSTEM
JP201101729 3 A 20110127	JP20090162842 20090709	ARIMA KOJI	F03D3/04	BLADE LOAD REDUCTION DEVICE OF GYRO-MILL TYPE WIND TURBINE GENERATOR
JP201102154 6 A 20110203	JP20090167366 20090716	NAGOYA INST TECHNOLOGY	F03D5/06	SHAFT POWER GENERATING DEVICE

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JP201102160 9 A 20110203	GB20030006075 20030318	RENEWABLE DEVICES SWIFT TURBINS LTD	F03D1/06; F03D1/04; F03D9/00; F03D9/02	WIND TURBINE
JP201102705 0 A 20110210	JP20090174904 20090728	RISO KAGAKU CORP	F03D11/00; F03D7/04; G01N21/45	WIND TURBINE GENERATOR
JP201102705 4 A 20110210	JP20090175096 20090728	GLOBAL ENERGY CO LTD	F03D3/06; F03D7/06; F03D11/00	BLADE OF WIND TURBINE
JP201102705 5 A 20110210	JP20090175097 20090728	GLOBAL ENERGY CO LTD	F03D7/04; F03D1/06	HORIZONTAL WIND TURBINE
JP201102707 8 A 20110210	JP20090176189 20090729	RISO KAGAKU CORP	F03D7/04; F03D11/02	SMALL WIND POWER GENERATOR
JP201102709 8 A 20110210	JP20090167231 20090625; JP20090242236 20091021	ONODERA TAKAYOSHI	F03D3/06; F03D3/02; F03D7/06; F03D9/00; F03D11/00	AUTOROTATION BLADE-TYPE VERTICAL AXIS WIND TURBINE
JP201102709 9 A 20110210	JP20090149394 20090624; JP20100118796 20100506	YAMAMOTO YOSHIRO	F03D3/04	WIND POWER GENERATION WITH WIND COLLECTING DEVICE
JP201103288 7 A 20110217	JP20090177829 20090730	RISO KAGAKU CORP	F03D7/06; F03D3/06	VERTICAL SHAFT TYPE WINDMILL
JP201103288 8 A 20110217	JP20090177842 20090730	RISO KAGAKU CORP	F03D11/02; F03D3/00	WIND POWER GENERATOR
JP201103291 8 A 20110217	JP20090179146 20090731	TOKYO OOTOMAKKU KK	F03D1/06; F03D1/02; F03D1/04; F03D11/00	WIND TURBINE
JP201103293 6 A 20110217	JP20090179814 20090731	GLOBAL ENERGY CO LTD	F03D9/00; F03D1/04; F03D1/06	POWER GENERATION VEHICLE

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JP201103296 5 A 20110217	JP20090181553 20090804	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D1/06	HATCH COVER DEVICE
JP201103301 9 A 20110217	JP20090161385 20090708; JP20100116296 20100520	YAMADA KENICHI	F03D3/02; F03B1/00; F03D3/04; F03D3/06	NATURAL ENERGY POWER PLANT
JP201103846 8 A 20110224	JP20090186253 20090811	GLOBAL ENERGY CO LTD	F03D9/00; F03D3/04; F03D3/06; F03D11/00	POWER GENERATION VEHICLE
JP201103848 2 A 20110224	JP20090187561 20090812	NASU DENKI TEKKO KK	F03D3/06; F03D11/00	WIND TURBINE FOR WIND POWER GENERATION
JP201103848 3 A 20110224	JP20090187694 20090813	HUANG ZHENGCI; GU ZONGYUAN	F03D7/00; F03D9/00	STRUCTURE OF WIND POWER GENERATOR GENERATING ELECTRICITY BY USING ARTIFICIAL WIND POWER
JP201103848 9 A 20110224	JP20090188668 20090817	MAEKAWA SEISAKUSHO KK	F03D9/00; F24F5/00; F25B27/00	METHOD AND DEVICE FOR RECOVERING ENERGY FROM ARTIFICIAL WIND GENERATED BY ARTIFICIAL WIND POWER GENERATOR
JP201103849 8 A 20110224	JP20090189295 20090818	HITACHI LTD [JP]	F03D7/04; F03D9/00	WIND FARM CONTROL SYSTEM, WIND FARM CONTROL DEVICE, AND WIND FARM CONTROL METHOD
JP201103849 9 A 20110224	JP20090189296 20090818	HITACHI LTD [JP]	F03D9/00; F03D1/04; H01L31/042	NATURAL ENERGY POWER GENERATION CONTROL SYSTEM, CONTROL DEVICE, AND CONTROL METHOD
JP201104055 0 A 20110224	JP20090186159 20090810	CHU YU-LIN [TW]	H01L31/042; F03D9/00	POWER GENERATION STRUCTURE USING SOLAR ENERGY AND WIND FORCE
JP201104063 9 A 20110224	JP20090187984 20090814	SHINODA KEIICHI; HIKARI KIKAI SEISAKUSHO CO LTD	H01L31/042; F03D3/06; F03D9/00; F03D9/02; H01L31/04	OPENING/CLOSING TYPE SOLAR PANEL STREETLIGHT

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JP201104225 7 A 20110303	JP20090191856 20090821	DAIICHI KENSETSU KIKO CO LTD	B63B35/00; B63B21/50; B63B27/10; B63B35/44; B63B43/14; B63H11/08; E02B17/00; F03D9/00; F03D11/04	LINK-TYPE SELF-ELEVATING PLATFORM AND INSTALLATION METHOD FOR WIND POWER GENERATION FACILITY IN OPEN SEA
JP201104311 2 A 20110303	JP20090192146 20090821	GLOBAL ENERGY CO LTD	F03D7/04	VARIABLE PITCH DEVICE FOR WIND TURBINE, AND WIND TURBINE
JP201104317 1 A 20110303	JP20090189749 20090819	NOAI KK	F16C32/00; F03D3/06; F03D11/00; F16C32/04; F16C39/04	FLOATING SHAFT SUPPORT STRUCTURE OF ROTATING BODY
JP201104729 1 A 20110310	JP20090194426 20090825	FOUNDRY LTD	F03D7/04; F03D1/06; F03D11/00	WIND TURBINE BLADE
JP201104730 7 A 20110310	JP20090195464 20090826	NABTESCO CORP [JP]	F03D11/02; F03D7/04; F16H57/02	REDUCTION GEAR FOR WIND TURBIN
JP201104733 0 A 20110310	JP20090196283 20090827	MASHITA TORU	F03D3/06; F03D11/00	HYBRID VERTICAL AXIS WINDMILL
JP201104739 1 A 20110310	JP20090212397 20090825	IMADA YOSHIO	F03D11/00	SUSPENSION TYPE ROTARY SHAFT SUPPORT FOR VERTICAL TYPE WIND TURBINE GENERATOR
JP201104739 2 A 20110310	JP20090217977 20090829	OTA RYOZO	F03D9/00; F03D9/02; F03D11/02	METHOD OF TAKING ROTATIVE POWER OUT OF WIND-TURBIN
JP201105265 7 A 20110317	JP20090204469 20090904	MIYOSHI HIROKI	F03D3/06; F03D11/00	VERTICAL AXIS WINDMILL
JP201105266 6 A 20110317	JP20090204853 20090904	KASAHARA KATAHARU	F03D1/02; F03D7/04; F03D11/02	IMPELLER STRUCTURE

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JP201105267 5 A 20110317	JP20090221529 20090901	SAWADA SHOJI	F03D3/06	CARBON DIOXIDE REDUCTION WIND POWER GENERATION SYSTEM
JP201105267 6 A 20110317	JP20090221530 20090901	SAWADA SHOJI	F03D9/00; F03B13/10	CARBON DIOXIDE REDUCTION WIND POWER AND HYDRAULIC POWER MIXTURE POWER GENERATION SYSTEM
JP201105267 8 A 20110317	JP20090221533 20090901	SAWADA SHOJI	F03D9/00	WIND POWER GENERATION ENGINE SYSTEM
JP201105268 3 A 20110317	JP20090184134 20090807; JP20100166188 20100723	NITTO DENKO CORP [JP]	F03D11/00	PROTECTIVE FILM FOR BLADE OF WIND POWER GENERATOR
JP201105837 0 A 20110324	JP20090205658 20090907	TAKAHASHI JUNJI	F03D3/06; F03D3/04; F03D7/06; F03D9/00; F03D11/02; F03D11/04	SAVONIUS WIND POWER GENERATOR AND SAVONIUS WIND TURBINE
JP201105837 8 A 20110324	JP20090206163 20090907	MIZOGUCHI KYOKO	F03D1/02; F03D1/04; F03D1/06; F03D7/04	WIND POWER ROTOR
JP201105838 9 A 20110324	JP20090206993 20090908	CHIGIRA MASAKI	F03D1/02; F03D1/04	WIND POWER GENERATOR WITH GENERATOR-INTEGRATED THIN FANS COMBINED BY PARALLEL MULTIPLEX
JP201105842 9 A 20110324	JP20090209250 20090910	FUJITA YASUHIRO	F03D3/04; H01L31/042	TRIANGULAR PYRAMID SHAPE PHOTOVOLTAIC POWER GENERATION DEVICE, WIND POWER GENERATION DEVICE OF OPEN WIND COLLECTION DUCT, AND WIND POWER ASSISTANCE DEVICE
JP201105847 0 A 20110324	JP20090211275 20090914	UCHIDA TAKASHI	F03D5/02; F03B9/00	TRANSLATIONAL BLADE MACHINE
JP201106202 9 A 20110324	JP20090211156 20090912	SUGAI SOGYO KK; TAKASAKI TAKAO; TSUKAHARA TETSUO	H02K19/36; F03D9/00; H02K16/04; H02K19/22	GENERATOR

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JP201106408 3 A 20110331	JP20090213186 20090915	UENO YASUO	F03D3/04; F03D7/06	VERTICAL AXIS WINDMILL
JP201106408 4 A 20110331	JP20090213215 20090915	UENO YASUO	F03D11/00; F03D1/06; F03D3/06	WINDMILL DEVICE
JP201106409 7 A 20110331	JP20090214214 20090916	TENSO KOGYO KK	F03D3/06	WIND TURBINE DEVICE AND WIND TURBINE GENERATOR USING THE SAME
JP201106411 0 A 20110331	JP20090214797 20090916	WIND SMILE KK	F03D11/00; F03D3/06; F03D9/02	WIND TURBINE GENERATOR
JP201106411 4 A 20110331	JP20090214863 20090916	NKE INC; NAKAWA MASATO	F03D11/00; F03D3/06	POWER UNIT AND SHAFT SUPPORT STRUCTURE
JP201106414 1 A 20110331	JP20090215576 20090917	FUJI ELECTRIC SYSTEMS CO LTD	F03D9/00; F03D1/06; F03D11/02	WIND TURBINE GENERATOR
JP201106416 9 A 20110331	JP20090217092 20090918	FUTABOSHI SEIICHI	F03D3/06; F03D3/04; F03D9/00	VERTICAL-ROTATION-AXIS WIND TURBINE AND WIND POWER GENERATION DEVICE USING THE SAME
JP201106420 3 A 20110331	JP20090091832 20090406; JP20100263427 20101126	MATSUDA ISAMU	F03D3/06	WIND WHEEL
JP201106422 4 A 20110331	JP20090213702 20090915	NTN TOYO BEARING CO LTD [JP]	F16C33/66; C10M101/02; C10M115/08; C10M117/00; C10M137/04; C10M137/10; C10M169/00; F03D1/00; F03D11/00; F16C19/38; F16C23/08	SPINDLE SUPPORT DEVICE FOR WIND POWER GENERATION, AND DOUBLE-ROW SELF-ALIGNING ROLLER BEARING FOR THE SAME
JP201106934 8 A 20110407	JP20090256529 20090928	SENDA TERUKAZU	F03D3/06	SOLID, LIQUID, AND GAS PRESSURE WINDMILL POWER GENERATION

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JP201106935 7 A 20110407	JP20100202439 20100824	OMURA TSUYOSHI	F03D1/04; F03D1/02; F03D7/04	HORIZONTAL AND DIRECTION FREE TYPE WIND POWER GENERATOR
JP201107731 0 A 20110414	JP20090227454 20090930	DENKI KAGAKU KOGYO KK	H01L31/042; F03D3/06	SOLAR CELL MODULE
JP201107950 9 A 20110421	JP20090247017 20091006	MEIOU CO LTD	B64C11/20	PROPELLER, METHOD FOR FORMING THE SAME, AND FUNCTION AND FORM THEREOF
JP201108037 4 A 20110421	JP20090231346 20091005	FURUKAWA ELECTRIC CO LTD	F03D11/00; F03D1/06	WIND TURBINE GENERATOR
JP201108040 5 A 20110421	JP20090233014 20091007	MURAYAMA OSAMU	F03D7/04; F03D1/06; F03D9/00; F03D9/02	WIND TURBINE GENERATOR USING ARTIFICIAL WIND AS DRIVING SOURCE
JP201108046 0 A 20110421	JP20090247000 20091006	SAWADA SHOJI	F03D3/04	VERTICAL-SHAFT WIND-POWER GENERATION AND METHOD FOR MANUFACTURING PHOTOVOLTAIC GENERATION SYSTEM
JP201108315 0 A 20110421	JP20090234708 20091009	GUNSHO KK	H02K7/116; F03D9/00; H02K21/14	ACCELERATED GENERATOR
JP201108507 5 A 20110428	JP20090238608 20091015	METAWATER CO LTD	F03D9/00; F03D11/04	FUNNEL-MOUNTED POWER GENERATOR AND POWER GENERATOR MOUNTING STRUCTURE
JP201108508 0 A 20110428	JP20090238947 20091016	CRAFT KK M	F03D3/06; F03D7/06	WIND TURBINE
JP201108512 7 A 20110428	JP20090266787 20091015	ICHIKAWA HIROO	F03D11/00; F03D1/06; F03D3/06	ROTOR
JP201108926 7 A 20110506	JP20090241661 20091020	NIPPON PARTS CT KK	E01F9/016; E01F7/02; E01F7/06; F03D3/04; F03D9/00; F21S9/02; H02P9/00	SELF-LIGHT EMITTING LIGHTING SYSTEM FOR GUIDING SIGHT LINE
JP201108945 6 A 20110506	JP20090242987 20091022	MASHITA TORU	F03D11/00; F03D3/06	VERTICAL AXIS WIND TURBINE WITH THREE-DIMENSIONAL WING

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JP201108946 8 A 20110506	JP20090243483 20091022	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D9/00; F03D9/02	WIND POWER GENERATING SET
JP201108946 9 A 20110506	JP20090243484 20091022	MITSUBISHI HEAVY IND LTD [JP]	F03D11/04; F03D1/06; F03D7/04; F03D9/00; F03D9/02	WIND POWER GENERATING SET
JP201108949 2 A 20110506	JP20090244687 20091023	NIPPON ECO SOLUTIONS INC	F03D9/00; F03D7/04; F03D9/02; F03G4/00; F03G6/00	WIND TURBINE GENERATOR
JP201108951 6 A 20110506	JP20100230050 20100921	IMOTO ASAO	F03D3/06; F03D9/00	WIND-POWERED ELECTRICAL GENERATOR FOR AUTOMOBILE WITH OPENING AND CLOSING BLADE
JP201109457 4 A 20110512	JP20090251544 20091031	SYSTEM ENGINEERING KK	F03D3/06	VERTICAL SHAFT WIND TURBINE DEVICE
JP201109458 2 A 20110512	JP20090251709 20091102	KEIYO AAKI METAL KK	F03D11/00; F03D3/02; F03D3/06; F03D11/04	WIND POWER GENERATION UNIT AND SYSTEM
JP201109458 3 A 20110512	JP20090251710 20091102	CARROT KK; SOGO KENHAN KK	F03D11/02; F03D3/02; F03D3/04	WIND POWER GENERATION UNIT AND SYSTEM
JP201109866 4 A 20110519	JP20090255208 20091106	UNIVERSAL SHIPBUILDING CORP	B63H9/02; B63H9/06; F03D3/06; F03D11/00	SAILING DEVICE AND SAILING VESSEL
JP201109929 9 A 20110519	JP20090256389 20091109	TAKENAKA KOMUTEN CO	E04H12/16; E04B1/22; E04H12/12; F03D11/04	STRUCTURE
JP201109932 5 A 20110519	JP20090252548 20091104	SANO YUJI	F03D11/04; F03D1/00	COLUMN FOR WIND POWER GENERATOR

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JP201109932 6 A 20110519	JP20090252549 20091104	SANO YUJI	F03D11/04	WIND POWER GENERATOR
JP201109932 7 A 20110519	JP20090252557 20091104	HIRAI YUKIHIRO	F03D3/02; F03D11/02	HYBRID TYPE WIND POWER GENERATOR
JP201109933 0 A 20110519	JP20090252661 20091104	NOAI KK	F03D9/00; F03D3/06	POWER SUPPLY METHOD AND DEVICE TO ELECTRIC FACILITY ON ROAD
JP201109939 7 A 20110519	JP20090255095 20091106	JAPAN AEROSPACE EXPLORATION	F03D11/00	METHOD FOR SUPPRESSING AEROFOIL TRAILING EDGE NOISE AND LOW NOISE AEROFOIL
JP201109941 8 A 20110519	JP20090256178 20091109	GLOBAL ENERGY CO LTD	F03D9/00; F03D11/04	WIND POWER UTILIZING DEVICE AND METHOD FOR INSTALLING THE SAME
JP201110144 8 A 20110519	JP20090252818 20091104	DAINIPPON PRINTING CO LTD	H02N2/00; F03D9/00	WINDOW INCLUDING POWER GENERATION FUNCTION AND METHOD OF GENERATING POWER BY UTILIZING THE SAME
JP201110258 7 A 20110526	US20030481547P 20031023	OCEAN WIND TECHNOLOGY LLC	F03D9/00; B63B13/00; B63B35/00; B63B35/44; F03D11/04	POWER GENERATION ASSEMBLY
JP201110373 6 A 20110526	JP20090257997 20091111	mitsubishi heavy ind ltd [JP]; KYUSHU ELECTRIC POWER	H02J7/00; F03D7/04; F03D9/02; H02J3/32; H02J3/38; H02J3/46	WIND POWER GENERATION SYSTEM
JP201110627 4 A 20110602	JP20090258810 20091112	FUJINOYA KK	F03D1/02; F03D7/04	WIND TURBINE GENERATOR
JP201110629 8 A 20110602	JP20090259508 20091113	DAINIPPON SCREEN MFG	F03D1/06; F03D7/04; F03D11/00; H01L31/04	POWER GENERATOR
JP201110642 0 A 20110602	JP20090264757 20091120	MASHITA TORU	F03D1/06; F03D11/00	HYBRID TYPE MAGNUS WINDMILL
JP201110642 9 A 20110602	JP20090265459 20091120	HONDA MOTOR CO LTD [JP]	F03D1/04; F03D1/06	WIND POWER GENERATION APPARATUS

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JP201111193 9 A 20110609	JP20090267539 20091125	HIWIN MIKROSYSTEM CORP [TW]	F03D7/04; F03D1/06; F03D11/00	WIND AVOIDANCE REDUCTION GEAR FOR WIND TURBINE GENERATOR
JP201111201 3 A 20110609	JP20090271090 20091130	PANASONIC CORP	F03D7/06; F03D11/00	WIND POWER GENERATOR
JP201111204 3 A 20110609	JP20090283414 20091124	SHINYO IND CO LTD	F03B17/06; F03D5/00; F03D9/00	EXISTING EQUIPMENT TRANSFER TUBE POWER GENERATOR
JP201111582 9 A 20110616	JP20090276925 20091204	NIPPON STEEL CORP [JP]	B23K15/00; B21C37/08; B23K26/20; F03D1/00; F03D11/04	LARGE-SIZED WELDED STEEL PIPE HAVING EXCELLENT FATIGUE RESISTANCE CHARACTERISTIC AND METHOD OF HIGHLY EFFICIENTLY MANUFACTURING THE SAME
JP201111583 1 A 20110616	JP20090276937 20091204	NIPPON STEEL CORP [JP]	B23K26/20; B23K15/00; B23K15/06	JOINT WITH EXCELLENT FATIGUE RESISTANCE WELDED BY HIGH ENERGY DENSITY BEAM
JP201111736 3 A 20110616	JP20090275327 20091203	NOAI KK	F03D11/04; F03D3/00; F03D9/00; F03D9/02	PORTABLE AND ASSEMBLING POWER GENERATION SYSTEM USING NATURAL ENERGY
JP201111740 0 A 20110616	JP20090277161 20091207	INOUE HARUO	F03D9/00; B60K1/04	WIND POWER GENERATOR UNIT FOR AUTOMOBILE
JP201111742 4 A 20110616	JP20090286908 20091130	OSAWA IKUO	F03D3/04	WIND FORCE UTILIZING DEVICE
JP201111742 6 A 20110616	JP20090289763 20091203	DAIMARU SERVICE KK	F03D9/00; F03D3/06	ECO-HOUSE (HORIZONTAL ROTATION WIND TURBINE)
JP201111742 8 A 20110616	JP20090299602 20091204	WAKESHIMA ISAO	F03D3/06; F03D3/04; F03D9/00	VERTICAL SHAFT CONNECTION TYPE WIND POWER MOTOR

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JP201111748 7 A 20110616	JP20090273387 20091201	NTN TOYO BEARING CO LTD [JP]	F16C33/64; C21D9/40; C22C38/00; C22C38/22; C22C38/44; F03D11/00; F16C19/38; F16C33/62	ORBITAL RING AND ROLLING BEARING
JP201112250 8 A 20110623	JP20090280472 20091210	K SEVEN KK	F03D1/02; F03D9/00	POWER GENERATOR
JP201112253 3 A 20110623	JP20090281485 20091211	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D1/06; G01M11/00	ICING PREVENTIVE DEVICE
JP201112257 3 A 20110623	JP20090260524 20091114; JP20090294430 20091225	MIYAMOTO KEIICHI; TSUTSUMIDA JUN	F03D3/06	ROTARY BLADE MECHANISM AND POWER- GENERATION EQUIPMENT USING THE SAME
JP201112257 6 A 20110623	JP20090299322 20091209	IWABUCHI MINORU; IWABUCHI YOSHIO	F03D9/02; E04H12/00; F03D11/04; H01L31/042; H01M10/44; H02J7/00; H02J7/35	CONCRETE POLE TYPE CRADLE SYSTEM FOR DISTRIBUTED POWER-GENERATING/TRANSMITTING DEVICE
JP201112257 8 A 20110623	JP20090299331 20091209	TOMINAGA MAYUMI	F03D9/00; F03D1/06	WIND-POWER GENERATION USING SURPLUS WIND RELEASED FROM AIR CONDITIONER OUTDOOR UNIT
JP201112257 9 A 20110623	JP20090299343 20091210	SUGAWARA KUNIO; TOMAMAECHO	F03D11/00; F03D1/06	LIGHTNING HAZARD PREVENTION METHOD FOR WIND- POWER GENERATION DEVICE
JP201112581 9 A 20110630	JP20090288535 20091219	MITSUBISHI HEAVY IND LTD [JP]	B01D17/038; B01D17/12; F03D1/06; F03D11/00	APPARATUS AND METHOD FOR REMOVING MOISTURE PRESENT IN OIL
JP201112746 1 A 20110630	JP20090284870 20091216	HITACHI LTD [JP]	F03D7/02; F03D9/00	WIND TURBINE GENERATOR SYSTEM, WIND TURBINE GENERATOR CONTROL DEVICE, AND WIND TURBINE GENERATOR CONTROL METHOD

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JP201112747 6 A 20110630	JP20090285475 20091216	TDK CORP; NIKKO KK	F03D7/04	BRAKING DEVICE FOR WIND POWER GENERATOR
JP201112747 7 A 20110630	JP20090285476 20091216	TDK CORP; NIKKO KK	F03D7/04; F03D9/02	BRAKING DEVICE FOR WIND POWER GENERATOR
JP201112747 8 A 20110630	JP20090285518 20091216	MATSUMI SANGYO KK	F03D9/00; F03D3/04; F03D9/02	CHARGING SYSTEM FOR ELECTRIC VEHICLE
JP201112748 0 A 20110630	JP20090285557 20091216	TDK CORP; NIKKO KK	F03D7/04	BRAKING DEVICE FOR WIND POWER GENERATOR
JP201112749 5 A 20110630	JP20090286093 20091217	SAKANO NAOTO	F03D1/04; F03D1/02; F03D9/00	WIND TURBINE GENERATOR
JP201112751 4 A 20110630	JP20090287151 20091218	FUJI HEAVY IND LTD [JP]	F03D11/04	HORIZONTAL SHAFT WIND TURBINE
JP201112755 1 A 20110630	JP20090288281 20091218	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; F03D1/06; F03D11/00	WIND-POWERED GENERATOR APPARATUS
JP201112772 3 A 20110630	JP20090288502 20091218	MITSUBISHI HEAVY IND LTD [JP]	F16H57/04; F03D11/00; F03D11/02; F16H57/02	OIL LEVEL METER AND WIND POWER GENERATOR USING THE SAME
JP201112943 3 A 20110630	JP20090288243 20091218	SUMITOMO ELECTRIC INDUSTRIES [JP]	H05B6/02; F03D9/00; H01F6/00	INDUCTION HEATING DEVICE AND POWER GENERATION SYSTEM EQUIPPED WITH THE SAME
KR101006171 B B1 20110107	KR20100023621 20100317	GU CO LTD [KR]	F03D3/06; F03D11/00	WIND FORCE GENERATOR DEVICE
KR101009496 B B1 20110119	KR20100072137 20100726	TAEWON CO LTD [KR]	F03D3/00; F03D11/02	VERTICAL AXIS TYPE POWER GENERATOR
KR101009591 B B1 20110120	KR20100043391 20100510	SON KWANG GOOK [KR]	F03D1/06; F03D1/04; F03D11/00	WINDMILL FOR WIND POWER GENERATOR

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KR101010428 B B1 20110121	KR20100104024 20101025	YOO HWAN [KR]	F03D5/00; F03D11/00; F03D11/02	WIND POWER GENERATION SYSTEM
KR101011415 B B1 20110128	KR20100047890 20100524	EVER ENS CO LTD [KR]; YOO KYU SANG [KR]	F03D9/00; F03D1/04; F03D7/02; F03D11/00	WIND PRODUCER FOR TUNNEL BY VEHICLES DRIVE
KR101013305 B B1 20110209	KR20100113867 20101116	WOO JANG DEUK [KR]	F03D9/00; F03D3/02; F03D3/04	A WIND POWER APPARATUS ESTABLISHED IN TRAIN
KR101014646 B B1 20110216	KR20100053570 20100607	KOREA MONORAIL CO LTD [KR]	F03D11/00; B66F11/04; F03D11/04	MAINTENANCE VEHICLE, MOVING VERTICALLY UP AND DOWN THE TOWER STRUCTURE
KR101015308 B B1 20110215	KR20100084588 20100831	IND ACADEMIC COOP [KR]	F25B27/00; F03D1/02; F25B15/04; F25B33/00	COOLING AND HEATING SYSTEM AND ITS METHOD USING WIND TO THERMAL ENERGY TRANSFORMATION
KR101015418 B B1 20110222	KR20100082449 20100825	CORP MAN GANG [KR]	F03D11/00; F03D3/06	THE AEROGENERATOR
KR101015437 B B1 20110222	KR20090085230 20090910	YU YOUNG SIL [KR]; RYU BYUNG SUE [KR]	F03D3/02; F03D3/04; F03D11/00; F03D11/02	DUAL ECCENTRIC ROTOR SYSTEM
KR101015861 B B1 20110223	KR20100077256 20100811	ADVANCED MATERIALS INNOVATOR CO LTD [KR]	F03D11/00; F03D3/06	A JOINT STRUCTURE OF AN ARM MEMBER FOR A WIND POWER PLANT
KR101017271 B B1 20110225	KR20100062997 20100630	PARK HYEN LIN [KR]	F24J1/00; C25B1/04; F03D9/00; F24J2/00	HYDROGEN ENERGY SYSTEMS
KR101018657 B B1 20110304	KR20100117351 20101124	LEE JONG SEOK [KR]; TAEBAEK CIVIL ENGINEERING CO LTD [KR]	A01K61/00; F03D11/04	NURSERY APPARATUS FOR IMPOUNDING FISHES

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KR101018688 B B1 20110309	KR20100124312 20101207	LEE MOUNG HOON [KR]	F03D9/00; F03D3/04	A WIND POWER GENERATOR FOUND IN A CITY
KR101024691 B B1 20110325	KR20110005592 20110119	KYUNG WON ENGINEERING CO [KR]	E01F15/00; E01F15/02; F03D9/00; F21S9/04	MEDIAN STRIP
KR101024826 B B1 20110325	KR20100084535 20100831	SUNG JI CONDITIONING TECHNOLOGY CO LTD [KR]	F03D9/00; F03D3/00; F03D7/00; F03D11/00	POWER GENERATING SYSTEM USING OF COOLING TOWER VENTILATION AIR
KR101025825 B B1 20110330	KR20100023794 20100317	SONG WON HO [KR]	E01F9/00; F03D9/00; F21S9/03; G09F13/22	CHARACTER ATTACH TYPE ROAD SIGNAL BOARD USING THE SOLAR ENERGY
KR101026747 B B1 20110408	KR20100060725 20100625	GYEONGIN WATER TREAT CO LTD [KR]	E03B3/06; B01D36/02; E03B5/06; F03D3/00	SIMPLE WATERWORKS EQUIPMENT
KR101027055 B B1 20110411	KR20090134940 20091230	YOON JEEN MOK [KR]	F03D1/00; F03D11/02	WIND POWER GENERATOR
KR101027565 B B1 20110406	KR20100002313 20100111	KIM SEUNG TAEK [KR]; KIM YOUNG HO [KR]	F03D1/04; F03D7/02; F03D11/00	BROADBAND AEROGENERATOR
KR101027743 B B1 20110407	KR20100119923 20101129	YOO HEE OK [KR]; DAEBANG [KR]	F03D7/02; F03D1/00; F03D11/00; F03D11/02	WIND POWER GENERATOR
KR101030460 B B1 20110422	KR20100091374 20100917	AHSUNG3D PROJECT CO LTD [KR]	F03D1/00; F03D11/02	WIND GENERATOR OF MAGNETIC LEVITATION
KR101030483 B B1 20110425	KR20100014146 20100217	LEE IN NAM [KR]	F03D3/06; F03D11/00; F03D11/02	WIND POWER GENERATOR HAVING WINDMILL WINGS BASED VARIABLE

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KR101030521 B B1 20110426	KR20100061294 20100628	B & S INDUSTRY E N G CO LTD [KR]	F03D11/00; F03D11/02	MANUFACTURING METHOD OF SELF-ASSEMBLY NACELLE FOR AEROGENERATOR
KR101030705 B B1 20110426	KR20090119165 20091203	PARK SUNG EUN [KR]	F03D3/06; F03D11/00	VERTICAL AXIS WIND TURBINE
KR101030774 B B1 20110427	KR20100066548 20100709	HEPHZIBAH CO LTD [KR]	F03D3/00; F03D11/00	BREAKING APPARATUS FOR VERTICAL AXIS WIND TURBINE
KR101032668 B B1 20110506	KR20100088395 20100909	MYUNG YONG GUK [KR]	F03D3/02; F03D3/04; F03D11/00	THE AEROGENERATOR
KR101032930 B B1 20110506	KR20100099751 20101013	INDUSTRY ACADEMIC COOPERATION FOUNDATION KUNSAN NAT UNIVERSITY [KR]	F03D7/00; G01P3/44; G01P5/07; H02P9/04	THE APPARATUS AND METHOD OF WIND SPEED ESTIMATOR FOR WIND TURBINE GENERATION SYSTEM
KR101033215 B B1 20110506	KR20100099262 20101012	FIBERTECH CO LTD [KR]	F03D11/04; E04H12/00	COMPOSITE WIND TOWER AND METHOD THEREOF
KR101034924 B B1 20110517	KR20100113441 20101115	WOO JUNG TAEK [KR]	F03D3/00; F03D11/00; F03D11/02	ROTATION APPARATUS FOR WIND POWER GENERATOR HAVING INCLINED TWO ROTATION AXES
KR101036368 B B1 20110523	KR20110001025 20110105	INDUSTRY ACADEMIC COOPERATION FOUNDATION KUNSAN NAT UNIVERSITY [KR]	F03D9/00; F03D11/04; F21S11/00	LIGHT HOUSE FOR WIND POWER GENERATION
KR101038346 B B1 20110531	KR20100059783 20100623	HAEBARAM ENERGY CO LTD [KR]	F03D7/00; F03D11/00; H02P9/08	ELECTRONIC BREAKING APPARATUS USING ARMATURE REACTION OF WIND POWER GENERATOR
KR101040166 B B1 20110616	KR20100130460 20101220	KIM JONG SEON [KR]	H02G7/00; F03D9/02; H01B17/06	PLATE OF FIXING FOR HIGH VOLTAGE OVERHEAD ELECTRIC LINE
KR101040169 B B1 20110616	KR20100130462 20101220	KIM JONG SEON [KR]	H02G7/00; F03D9/02; H01B17/06	DISTRIBUTION BOARD BOX FOR VERY HIGH VOLTAGE DISTRIBUTION LINE

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KR101040173 B B1 20110616	KR20100130464 20101220	KIM JONG SEON [KR]	H02G7/00; F03D9/02; H01B17/06	INSULATOR FOR VERY HIGH VOLTAGE DISTRIBUTION LINE
KR101040964 B B1 20110616	KR20110034947 20110415	LIM CHUN SIK [KR]	F03D3/06; F03D11/00	VERTICAL AXIS WIND TURBINE
KR101042904 B B1 20110620	KR20100137422 20101229	DNDE INC [KR]	F03D3/06; F03D11/00	ROTOR BLADE FOR WIND TURBINE
KR101042906 B B1 20110620	KR20100137425 20101229	DNDE INC [KR]	F03D11/00; F03D3/06; F03D11/02	ROTOR FOR WIND TURBINE
KR101043279 B B1 20110621	KR20100127412 20101214	JEONG JUN IK [KR]; EURO KOREA [KR]	F03D1/04; F03D1/02; F03D11/00	WIND GENERATOR
KR101043931 B B1 20110629	KR20100117806 20101125	WING SHIP TECHNOLOGY CO LTD [KR]	F03D5/00; F03D5/06; H01L31/042	FLOATING TYPE APPARATUS FOR GENERATING NEW AND RENEWABLE ENERGY
KR101044743 B B1 20110628	KR20110042407 20110504	FIBERTECH CO LTD [KR]	F03D5/02; F03D11/00; F03D11/02	WIND POWER GENERATING APPARATUS
KR101044752 B B1 20110627	KR20110030639 20110404	DAEWOO ENG & CONSTR CO LTD [KR]	F03D11/04; E02D27/52	APPARATUS FOR AMENDING SLOPE WHEN INSTALLING MARINE WIND POWER GENERATION FACILITY
KR101044753 B B1 20110627	KR20110030642 20110404	DAEWOO ENG & CONSTR CO LTD [KR]	F03D11/00; E02D27/52; F03D11/04	APPARATUS FOR CORRECTING INCLINATION OF OFFSHORE WIND POWER GENERATION FACILITY USING INTERNAL COMPARTMENT
KR101045698 B B1 20110630	KR20100091372 20100917	AHSUNG3D PROJECT CO LTD [KR]	F03D1/04; F03D11/00	TORNADO INLET HOUSING
KR201100002 12 A 20110103	KR20090057609 20090626	HONG JEE YOUNG [KR]; HONG KYUNG TAEK [KR]	F03D3/06; F03D7/06; F03D11/00	WIND GENERATOR USING FUNNEL HAVING AIR BYPASS

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KR201100002 14 A 20110103	KR20090057611 20090626	HONG JEE YOUNG [KR]; HONG KYUNG TAEK [KR]	F03D3/02; F03D3/06; F03D11/04	WIND POWER SYSTEM MOUNTED GUIDE WINGS
KR201100003 45 A 20110103	KR20090057794 20090626	E & T CO LTD [KR]; KIM HYEON JAE [KR]	F03D1/06; F03B7/00; F03B13/06; F03D9/00	POWER GENERATION DEVICE
KR201100006 43 A 20110104	IE20080000134 20080222; IE20080000192 20080313	NEW WORLD ENERGY ENTPR LTD [IE]	F03D11/00; F03G7/10	TURBINE ENHANCEMENT SYSTEM
KR201100011 20 A 20110106	KR20090058520 20090629	SEOUL NAT UNIVERSITY OF TECHNOLOGY CT FOR INDUSTRY COLLABORATION [KR]	F03D5/00; F03D1/02; F03D11/04	WIND ENERGY CONVERTING SYSTEM USING AIR STACK
KR201100021 76 A 20110107	KR20090059632 20090701	KIM HONG GEUN [KR]	F03D3/06; F03D7/06; F03D11/04	HORIZONTAL AXIS TWIN WIND TURBINE WITH RADIAL WIND CHAMBERS
KR201100022 13 A 20110107	KR20090059693 20090701	KIM YONG MAN [KR]	F03D3/02; F03D3/04; F03D11/00	WIND POWER GENERATOR
KR201100027 45 A 20110110	KR20090060378 20090702	HANLIM [KR]	F03D3/06; F03D11/00	BLADE-TYPE WIND GENERATION SYSTEM HAVING BOOSTER BLADES
KR201100033 50 A 20110111	DE200810016828 20080401	WOBLEN ALOYS [DE]	B28B11/12; B28B19/00; B28B21/02; E04H12/12	METHOD OF PRODUCING CONCRETE PREFINISHED PARTS
KR201100036 49 A 20110113	KR20090061017 20090706	DAEHWAYUNITEK CO LTD [KR]	F03D3/02; F03D11/04	VERTICAL-AXIS WIND POWER GENERATOR FOR ROAD
KR201100038 31 A 20110113	KR20090061290 20090706	LEE YEONG RYEOL [KR]; LEE JAE KWON [KR]	F03D3/02; F03D3/06; F03D11/04	VERTICAL TYPE WIND POWER GENERATOR

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KR201100041 13 A 20110113	KR20090061757 20090707	HEO JUNG [KR]	F03D3/06; F03D3/04; F03D11/00	PERPENDICULAR ROTATOR OF HYDRAULIC GENERATOR OR AEROGENERATOR
KR201100041 21 A 20110113	KR20090061766 20090707	HEO JUNG [KR]	F03B7/00; F03B13/14; F03D3/06	HORIZONTAL ROTATOR OF HYDRAULIC GENERATOR OR AEROGENERATOR
KR201100045 16 A 20110114	KR20090061970 20090708	KIM DUK BO [KR]; KIM DA WON [KR]	F03D3/06; F03D3/04; F03D11/00	WIND TURBINE
KR201100045 33 A 20110114	KR20090061988 20090708	KIM HYUN SOO [KR]	F03D1/06; F03D11/00	A WIND POWER GENERATOR
KR201100048 03 A 20110114	KR20100093243 20100927	KIM DUK BO [KR]; KIM DA WON [KR]	F03D3/04; F03D3/06; F03D11/04	WIND POWER APPARATUS
KR201100059 20 A 20110120	KR20090061969 20090708	KIM DUK BO [KR]; KIM DA WON [KR]	F03D3/02; F03D3/06; F03D11/04	WIND POWER APPARATUS
KR201100062 80 A 20110120	KR20090063841 20090714	WHILKOR CO LTD [KR]	F03D3/06; F03D11/04	A WALL-MOUNTED WIND POWER GENERATION
KR201100068 18 A 20110121	KR20090064384 20090715	CHANGMYEONG GUNUP CO LTD [KR]	F03D3/02; F03D7/06; F03D9/00; F03D11/04	MULTI-STORY TYPE WIND POWER GENERATION SYSTEM
KR201100069 56 A 20110121	KR20090064607 20090715	C & R TECH CO LTD [KR]	F03D1/02; F03D1/06; F03D11/00	WIND POWER GENERATION DEVICE
KR201100070 71 A 20110121	KR20100116786 20101123	LEE SEA JOONG [KR]	F03D3/06; F03D3/04; F03D11/00	WIND GENERATOR THAT IMPROVE GENERATION EFFICIENCY
KR201100076 85 A 20110125	KR20090065243 20090717	KIM MAN SEOB [KR]	F03D1/02; F03D1/06; F03D11/00	SWEEP OF WIND MILL FOR POWER GENERATION

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KR201100087 34 A 20110127	KR20090066227 20090721	YOON JUNG HO [KR]; YUN JEONG SAN [KR]; YOON CHUNG HYUN [KR]	F24J2/04; F03D9/00; F24J2/10	GENERATOR USING SOLAR ENERGY AND WIND POWER ENERGY
KR201100087 89 A 20110127	KR20090066311 20090721	JUNG HUNG SUP [KR]; JUEN DONG SOO [KR]	F03D3/06; F03D11/00; F04D29/38	BLADE FOR WIND POWER GENERATION AND DEVICE FOR WIND POWER GENERATION
KR201100090 72 A 20110127	KR20107012477 20090520	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; H02P9/04	WIND-DRIVEN GENERATOR AND CONTROL METHOD THEREOF
KR201100090 83 A 20110127	KR20107019906 20090424	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	LOAD MEASUREMENT DEVICE AND METHOD AND PROGRAM
KR201100090 85 A 20110127	KR20107020014 20090605	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; H02H5/04	WIND-DRIVEN GENERATOR, CONTROL METHOD OF THE SAME AND WIND-DRIVEN GENERATING SYSTEM
KR201100090 88 A 20110127	KR20107020826 20090417	MITSUBISHI HEAVY IND LTD [JP]	F03D11/02; F03D7/04	PITCH DRIVE DEVICE OF WIND-DRIVEN GENERATOR AND WIND-DRIVEN GENERATOR
KR201100092 09 A 20110127	CN20081108995 20080605	YAN QIANG [CN]	F03D3/00	LARGE VERTICAL AXIS WINDMILL GENERATOR STRUCTURE
KR201100098 05 A 20110131	KR20090067196 20090723	PARK SEONG SOO [KR]	F03B13/00; F03C1/26; F03D9/00; H01L31/042	SMALL-HYDROELECTRIC COMPLEX POWERGENERATION SHIP FOR OCEAN STAND TYPE
KR201100100 39 A 20110131	KR20090068156 20090723	OM JAE PUNG [KR]	F03D3/06; F03D3/04; F03D11/00	A GENERATOR FOR WIND POWER
KR201100102 41 A 20110201	KR20090067693 20090724	CHOI HONG GON [KR]	F03D3/02; F03D3/06; F03D5/00; F03D11/00	WIND POWER GENERATOR HAS ECCENTRIC AN AXIS MULTI CYCLOID SYSTEM
KR201100108 74 A 20110208	KR20090068202 20090727	YOON JUNG HO [KR]; YUN JEONG SAN [KR]; YOON CHUNG HYUN [KR]	F03D11/04; F03D1/02; F03D3/02	WIND POWER GENERATION DEVICE

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KR201100111 93 A 20110208	KR20090068727 20090728	SEUNG AE LIM [KR]	F03D3/02; F03D3/06; F03D11/00	BLADE OF WIND POWER GENERATOR
KR201100112 40 A 20110208	KR20090068792 20090728	PARK JONG WON [KR]; PARK HYE RIN [KR]	F03D3/06; F03B3/14; F03B11/00; F03D11/00	POWER GENERATOR APPARATUS WITH LENGTH CHANGEABLE ARM
KR201100122 71 A 20110209	KR20090069920 20090730	LEE GUI JE [KR]	B62H3/00; F03D1/00; H01L31/04	OWN GENERATING PLANT BICYCLE PARKING EQUIPMENT
KR201100124 45 A 20110209	KR20090070169 20090730	HYOSUNG CORP [KR]	F03D1/06; F03D3/06; F03D11/00	TIP-IRFOIL OF BLADE FOR WIND POWER GENERATOR
KR201100124 48 A 20110209	KR20090070173 20090730	HYOSUNG CORP [KR]	F03D1/06; F03D11/00	TIP-IRFOIL OF BLADE FOR WIND POWER GENERATOR
KR201100129 59 A 20110209	KR20090070896 20090731	DAERIM ENG CO LTD [KR]	F03D9/00; B60L8/00; F03D1/02	WIND POWER OF WITH MOVING OBJECT
KR201100140 62 A 20110210	KR20090071855 20090803	JO IL JIN [KR]	F03B13/12; F03D3/04; F03D3/06; F03D11/00	APPARATUS FOR WIND POWER GENERATION WITH VERTICAL AXIS
KR201100149 72 A 20110214	WO2009JP61727 20090626	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F03D11/00	WIND TURBINE GENERATOR AND METHOD OF CONTROLLING THE SAME
KR201100151 09 A 20110215	KR20090072653 20090807	CHOI YOUNG GU [KR]	F03D3/02; F03D3/06; F03D11/04	WIND POWER GENERATOR
KR201100152 37 A 20110215	KR20090072856 20090807	NAM DO WOO [KR]	F03D7/06; F03D3/06; F03D11/00	CONTROL APPARATUS OF BLADE DIRECTION FOR A WIND POWER PLANT AND ROTATION POWER GENERATING APPARATUS
KR201100152 55 A 20110215	KR20090072887 20090807	LIM TAE KYU [KR]; SONG WON JIN [KR]	F03D11/04; B32B15/06	TOWER INSTALLATION FOR ELASTOMERIC BEARING OF WIND POWER GENERATOR

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KR201100154 77 A 20110216	KR20090073039 20090808	E & T CO LTD [KR]; KIM HYEON JAE [KR]	F03D1/06; F03B7/00; F03B13/06; F03D9/00	POWER GENERATION DEVICE
KR201100156 43 A 20110216	JP20080149124 20080606; JP20090112561 20090507; JP20090133628 20090603	NTN TOYO BEARING CO LTD [JP]	F16C33/64; F03D11/00; F16C19/18; F16C33/58	SWING BEARING AND METHOD OF PROCESSING RACEWAY GROOVE OF THE SAME
KR201100156 48 A 20110216	US20080130922 20080530	WIND TOWER SYSTEMS LLC [US]	B66B9/16; B66B1/34; F03D11/00	WIND TOWER SERVICE LIFT
KR201100159 72 A 20110217	KR20090073447 20090810	WOO JUNG TAEK [KR]	F03D11/04; B64B1/02; F03D9/00	A AERIAL WIND POWER GENERATING SYSTEM
KR201100161 62 A 20110217	KR20090073733 20090811	YOON JUNG HO [KR]; YOON CHUNG HYUN [KR]; YUN JEONG SAN [KR]	F03D3/02; F03D3/04; F03D11/04	WIND POWER GENERATION DEVICE THAT CAN BE PUT TOGETHER WITH DOUBLE-LAYER
KR201100165 42 A 20110218	KR20090074089 20090812	LEE YOUNG GU [KR]	F03D1/06; F03B3/12; F03D9/02; F03D11/00	THE KINETIC ENERGY STORE WHICH USES THE MULTIPLEX HOLLOW SHAFT AND USE SYSTEM
KR201100166 15 A 20110218	KR20090074216 20090812	YU JIN HWAN [KR]	F03D9/00; F03D3/06; F03D5/00; F03D11/00	THE GENERATING APPARATUS USING WIND VELOCITY AND MAGNETIC FORCE
KR201100166 55 A 20110218	KR20090074269 20090812	NAT UNIV CHANGWON IND ACADEMY [KR]	F03D3/06; F03D7/06; F03D11/00	SAVONIUS ROTOR FOR WIND POWER GENERATION OF VERTICAL AXIS WITH VARIABLE BIBLADE STRUCTURE
KR201100171 57 A 20110221	KR20090074695 20090813	SHIN SANG YONG [KR]	F03D9/00; B60L8/00; F03G7/00	VEHICLE FOR WIND POWER GENERATION SYSTEM USING AIR STREAM DEVELOPING DRAG FORCE DURING DRIVING

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KR201100172 02 A 20110221	KR20090074763 20090813	LEE JO OSANG [KR]	F03D9/00; F03D3/04; F03D3/06; F03D11/04	A WIND POWER GENERATOR FOR A TUNNEL TYPE
KR201100172 73 A 20110221	KR20090074853 20090813	JUNG TAE ROK [KR]	F03D9/00; E04B1/00; F03D3/06	PARAPET WIND POWER GENERATION SYSTEM
KR201100175 24 A 20110222	KR20090075032 20090814	KIM JUEN SOO [US]	F03D3/04; F03D3/06; F03D7/06; F03D11/00	WIND POWER ELECTRIC GENERATOR HAVING AUXILIARY FAN
KR201100175 27 A 20110222	KR20090075036 20090814	KIM JUEN SOO [US]	F03D9/00; F03D3/04; H01L31/042	WIND ELECTRIC POWER GENERATOR HAVING SOLAR CELL PANEL
KR201100176 27 A 20110222	KR20090075190 20090814	YEON BONG KYU [KR]	F03D3/06; F03D7/06; F03D11/00	WIND POWER GENERATOR
KR201100178 14 A 20110222	KR20090075008 20090814	GJ TECH CO LTD [KR]	F03D3/06; F03D11/00; F03D11/02	VERTICAL WIND POWER GENERATOR
KR201100178 52 A 20110222	ES20080001178 20080424	ACCIONA WINDPOWER S A [ES]; IBERICA DE ESTUDIOS E INGENIERIA S A [ES]; ACCIONA EN S A [ES]	E02D27/52; F03D11/04	SUPPORTING ELEMENT FOR AN OFFSHORE WIND TURBINE, PRODUCTION METHOD THEREOF AND METHOD FOR INSTALLING SAME
KR201100179 90 A 20110223	KR20090075563 20090817	JANG SUK HO [KR]	F03D1/06; F03B3/12; F03B11/00; F03D7/00	UNIFORM POWER GENERATOR USING ROTARY PLATE MOVABLE SUBJECT TO SPEED OF WIND OR WAVE
KR201100179 96 A 20110223	KR20090075576 20090817	PARK KI KOAN [KR]	F03D3/06; F03B3/12; F03D3/04	TURBINE OF TURNING BLADE STRUCTURE WHICH IS MORE EFFICIENT IN ENERGY CONVERSION
KR201100181 52 A 20110223	KR20090075797 20090817	HYOSUNG CORP [KR]	F03D7/02; F03D1/06; F03D11/00	APPARATUS FOR TRANSMITTING SIGNAL BETWEEN SPEED SENSOR AND PEWER CONVERTER IN WIND POWER GENERATOR

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KR201100189 72 A 20110225	KR20090076473 20090819	CROTEC CO LTD [KR]	F03D11/04; F03D1/00; F03D3/00	MINIATURE AEROGENERATOR HOLDER
KR201100194 50 A 20110228	KR20090076966 20090820	HEUNG IL ENGINEERING CO KR [KR]	F03D3/06; F03D3/04; F03D11/04	FLOATING TYPE BLADE APPARATUS FOR WIND POWER GENERATOR
KR201100194 51 A 20110228	KR20090076967 20090820	HEUNG IL ENGINEERING CO KR [KR]	F03D3/06; F03D7/06; F03D11/04	APPARATUS FOR SUPPORTING OF FLOATING TYPE WIND POWER GENERATOR
KR201100195 43 A 20110228	KR20090077114 20090820	JEONG I JEONG [KR]	F03D3/06; F03D3/04; F03D11/00	AIR GUIDE APPARATUS
KR201100199 46 A 20110302	KR20090077576 20090821	DAEWOO ENG & CONSTR CO LTD [KR]	F03D9/00; F03D3/02; F03D3/04; F03D11/00	WINDPOWER ENHANCING GENERATING SYSTEM INSTALLED ON THE ROOF OF FLAT TYPE APARTMENT
KR201100208 58 A 20110303	KR20107028793 20081009	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	OFFSHORE WIND-DRIVEN ELECTRIC POWER GENERATOR AND OFFSHORE WIND FARM
KR201100209 17 A 20110303	JP20080244424 20080924	MITSUBISHI HEAVY IND LTD [JP]	F16C25/08; F03D11/00; F16C19/16; F16C35/077	SPEED-UP DEVICE FOR WIND-DRIVEN GENERATOR AND SUPPORT MECHANISM FOR ROTATING SHAFT
KR201100210 13 A 20110304	KR20090078544 20090825	GONG GAN YEA SUL [KR]	F03D9/00; F03D1/06; F03D11/00	WIND POWER GENERATOR
KR201100210 30 A 20110304	KR20090078576 20090825	YOON JUNG HO [KR]; YOON CHUNG HYUN [KR]; YUN JEONG SAN [KR]	F03D5/00; F03D3/00; F24J2/02; H01L31/042	GENERATOR USING SOLAR ENERGY AND WIND POWER ENERGY
KR201100211 45 A 20110304	KR20090078766 20090825	NANOTUNE CO LTD [KR]	F03D9/00; B60L8/00	WIND FORCE GENERATOR FOR VEHICLES

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KR201100212 34 A 20110304	KR20090078899 20090825	HEO JUNG [KR]	F03D3/06; F03B3/12; F03B11/00; F03D11/00	PERPENDICULAR ROTATOR OF HYDRAULIC GENERATOR OR AEROGENERATOR
KR201100217 13 A 20110304	FR20080050849 20080211	S4 ENERGY B V [NL]	F16H3/72; F03D11/02; F16H37/08; F16H59/40	TRANSMISSION DEVICE FOR A MACHINE FOR PRODUCING ELECTRICITY FROM A VARIABLE-SPEED MOTIVE SOURCE, UNIT FOR PRODUCING ELECTRICITY AND WIND MACHINE BOTH SO EQUIPPED, AND METHOD OF ADJUSTING A TRANSMISSION RATIO
KR201100218 60 A 20110304	AU20080902218 20080507; AU20080902592 20080526	DESIGN LICENSING INTERNAT PTY LTD [AU]	F03D3/02; F03D7/06	WIND TURBINE
KR201100220 53 A 20110304	JP20090000398 20090105	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND POWER ELECTRICITY GENERATION DEVICE, AND METHOD OF DETERMINING DIRECTION OF WIND OF WIND POWER ELECTRICITY GENERATION DEVICE
KR201100220 65 A 20110304	KR20117001459 20061108	CHOI WON HO [KR]; SUAREZ DEL MORAL ANGEL [ES]	F03D3/00; F03D3/06; F03D11/00	WIND-POWERED GENERATOR
KR201100227 89 A 20110308	KR20090080217 20090828	KIM BONG HWAN [KR]	F03D3/00; F03D9/02; F03D11/02	WIND POWER GENERATOR SYSTEM
KR201100229 05 A 20110308	KR20090080405 20090828	SEUNG AE LIM [KR]	F03D3/06; F03D7/06; F03D11/02	BLADE OF WIND POWER GENERATOR
KR201100232 97 A 20110308	KR20090081072 20090831	SHIM BYOUNG SUN [KR]	F03D9/00; F03D3/00; F03D11/02	A WIND POWER DEVICE OF CAR
KR201100234 46 A 20110308	KR20090081348 20090831	HYOSUNG CORP [KR]	F03D1/06; F03D7/02; F03D7/04; F03D11/00	A ROTOR AND WIND GENERATOR USING THE ROTOR AND OPERATING METHOD THEREOF
KR201100240 20 A 20110309	KR20090081861 20090901	WOO JUNG TAEK [KR]	F03D9/00; F03D1/00; F03D11/04	A AERIAL WIND POWER GENERATING SYSTEM

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KR201100240 40 A 20110309	KR20090081888 20090901	DAWON ELECTRIC CO LTD [KR]	F03D11/04; F03D9/00	WIND POWER GENERATOR
KR201100240 81 A 20110309	KR20090081945 20090901	DOOSAN HEAVY IND & CONSTR [KR]	F03D11/00; F03D11/02	TRANSFER TRUCK FOR WIND TURBINE
KR201100241 49 A 20110309	KR20090082032 20090901	HYUN DAI HEAVY IND CO LTD [KR]	F03D7/00; F03D7/04	THE WIND TURBINE INDIVIDUAL BLADE PITCH CONTROLLING METHOD AND CONTROLLING SYSTEM
KR201100242 24 A 20110309	KR20090082130 20090901	LS IND SYSTEMS CO LTD [KR]	F03D7/00; H02K21/00	GENERATOR SYSTEM AND GENERATING METHOD
KR201100244 12 A 20110309	KR20090082401 20090902	DACC CO LTD [KR]	F03D11/00	CARBON-GLASS FIBER HYBRID COMPOSITE FOR WIND TURBINE BLADE AND METHOD FOR MANUFACTURING THE SAME
KR201100246 75 A 20110309	KR20090082777 20090903	KIM SANG HUN [KR]	F03D3/06; F03D11/00	A BLADE FOR WIND POWER GENERATOR
KR201100251 62 A 20110309	KR20107004039 20080731	ORBITAL2 LTD [GB]	F03D11/02; F03D7/02; F03D7/04	IMPROVEMENTS IN AND RELATING TO ELECTRICAL POWER GENERATION FROM FLUID FLOW
KR201100258 97 A 20110314	US20080124397P 20080416	FLODESIGN WIND TURBINE CORP [US]	F03B13/22; F03B13/16; F03B13/26	WATER TURBINES WITH MIXERS AND EJECTORS
KR201100260 69 A 20110315	KR20090083802 20090907	SEO YOUNG HWAN [KR]	F03B13/12; F03D9/00	ELECTRIC POWER PLANT USE WIND AND WATER
KR201100262 03 A 20110315	KR20090084000 20090907	DOOSAN HEAVY IND & CONSTR [KR]	B66C11/16; B66C17/00; F03D11/04	TRANSFER APPARATUS FOR CRANE OF WIND POWER GENERATOR
KR201100263 14 A 20110315	KR20090084158 20090907	CHEONG AN WIND POWER CO [KR]	F03D9/00; F03D7/00; F03D11/00; F03D11/02	WIND POWER SYSTEM MOUNTED ON AEROSTAT

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KR201100265 99 A 20110316	KR20090084323 20090908	KIM YONG JOO [KR]	F03D9/00; F03D3/00	WIND POWER GENERATION DEVICE EQUIPPED CARS
KR201100270 64 A 20110316	KR20090084987 20090909	HYOSUNG CORP [KR]	F03D1/06; F03D11/00	BLADE FOR WIND GENERATOR
KR201100274 38 A 20110316	KR20090085531 20090910	CHEJU NAT UNIV IND ACAD COOP [KR]; KIM GUN JU [KR]	H02J9/00; F03D9/00; H02J7/35	EMERGENCY POWER SOURCE SUPPLY SYSTEM USING MULTIPLE POWER GENERATION
KR201100279 62 A 20110317	KR20090085822 20090911	LEE JO OSANG [KR]	F03D9/00; F03D3/04; F03D11/04	A WIND POWER GENERATOR FOR A ROOF TYPE
KR201100282 56 A 20110317	KR20107025398 20081016	MITSUBISHI HEAVY IND LTD [JP]	H02P9/00; F03D7/00; F03D11/00	WIND POWER GENERATION SYSTEM, AND ITS CONTROL METHOD
KR201100296 09 A 20110323	KR20090087363 20090916	LEE JOON YUL [KR]	F03D3/06; F03D9/00; F03D11/00	HORIZONTAL TYPE WINDMILL AND MARINE BASED HORIZONTAL TYPE POWER GENERATOR
KR201100298 63 A 20110323	KR20090087715 20090916	HYUN DAI HEAVY IND CO LTD [KR]	F03D11/00; F03D11/02; H01T4/00; H01T4/04	LIGHTNING PROTECTOR OF THE ADJUSTABLE FOR WIND TURBINE
KR201100299 47 A 20110323	KR20090087831 20090917	HEUNG IL ENGINEERING CO KR [KR]	F03D9/00; F03B13/12; F03D3/00	GENERATOR USING WIND POWER AND WATER POWER
KR201100300 15 A 20110323	KR20090087938 20090917	EEGEN CO LTD [KR]	F03D3/06; F03D7/06; F03D11/00; F03D11/02	VERTICAL AXIS WIND TURBINES WITH VARIABLE BLADES
KR201100301 12 A 20110323	KR20090088091 20090917	KIM SEONG HO [KR]	F03D3/06; F03D11/00	VERTICAL SHAFT WINDMILL HAVING POWER WING CAPABLE OF ROTATION AND REVOLUTION

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KR201100301 70 A 20110323	KR20090088180 20090917	KOREA ELECTRIC POWER CORP [KR]	F03D9/00; F03B13/00; F03D1/00; F03D7/00	SMART HYDRO HYBRID WIND GENERATOR SYSTEM
KR201100305 13 A 20110323	KR20110004633 20110117	HI ENERGY KOREA CO LTD [KR]; HI VAWT TECHNOLOGY CORP [TW]	F03D3/00; F03D3/06; F03D11/00; F03D11/02	WIND GENERATOR
KR201100306 28 A 20110323	NO20080002860 20080620	SEATOWER AS [NO]	F03D1/00; F03D11/04	SUPPORT STRUCTURE FOR USE IN THE OFFSHORE WIND FARM INDUSTRY
KR201100306 55 A 20110323	KR20117002433 20090220	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04; H02P9/00	WIND DRIVEN GENERATOR AND METHOD OF CONTROLLING THE SAME
KR201100306 57 A 20110323	JP20090000399 20090105	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATING DEVICE AND METHOD FOR CONTROLLING WIND TURBINE GENERATING DEVICE
KR201100306 76 A 20110323	JP20090012280 20090122	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	CYLINDER DRIVE DEVICE
KR201100307 16 A 20110324	KR20090088271 20090918	LEE SUNG SU [KR]; YU WON JU [KR]	F03D9/00; F03D1/02; F03D1/04	POWER GENERATION EQUIPMENT USING WIND BLOWING OVER THE BUILDINGS
KR201100312 43 A 20110324	JP20080308008 20081202; JP20080308009 20081202; JP20080308010 20081202	MITSUBISHI HEAVY IND LTD [JP]	G01N17/02; G01M99/00; G01N27/26	OUTDOOR STRUCTURE AND METHOD OF ESTIMATING DETERIORATION OF COMPONENT MEMBER OF OUTDOOR STRUCTURE
KR201100313 34 A 20110325	JP20090001468 20090107	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND DRIVEN GENERATOR
KR201100314 99 A 20110328	KR20117003619 20090220	MITSUBISHI HEAVY IND LTD [JP]	H02P9/00; F03D11/00	WIND POWER GENERATING APPARATUS

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KR201100325 11 A 20110330	KR20090090040 20090923	HWANGBO JEONG YU [KR]	F03D3/00; F03D7/06	CONTINUITY REPEAT POWER GENERATING SYSTEM
KR201100329 73 A 20110330	KR20090091423 20090924	CHOI UK MAN [KR]	B60L8/00; F03D9/00; F03D9/02	MOVABLE TYPE WIND VELOCITY APPLICATION GENERATOR DRIVE BATTERY CHARGING SYSTEM(HYBRID CAR ETC)
KR201100331 04 A 20110330	KR20107021914 20090803	MITSUBISHI HEAVY IND LTD [JP]	F03D1/00; F03D11/00	WIND POWER APPARATUS AND ASSEMBLING METHOD FOR THE SAME
KR201100331 43 A 20110330	NO20080002817 20080624	OWEC TOWER AS [NO]	F03D11/00; F03D11/04	STAYED CONNECTION FOR WIND TURBINE
KR201100332 36 A 20110330	JP20090000992 20090106	MITSUBISHI HEAVY IND LTD [JP]	F03D7/00; F03D11/00; F03D11/02	WIND-POWER GENERATION DEVICE AND CONTROL METHOD FOR WIND-POWER GENERATION DEVICE
KR201100332 72 A 20110330	JP20030164266 20030609; JP20030173752 20030618; JP20030196964 20030715; JP20030321452 20030912; JP20030361399 20031022; JP20030363098 20031023; JP20030363107 20031023; JP20030364241 20031024	SINFONIA TECHNOLOGY CO LTD [JP]	F03D3/06; F03D3/00; F16C33/00; H02K7/18	VERTICAL SHAFT-TYPE WIND POWER GENERATION DEVICE
KR201100332 78 A 20110330	JP20090001345 20090107	SHIN KOBE ELECTRIC MACHINERY [JP]	F03D9/02; H01M10/44; H02J3/32; H02J7/00	SYSTEM FOR CONTROL OF WIND POWER ELECTRICITY GENERATION ACCUMULATOR AND METHOD OF CONTROL THEREOF

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KR201100341 85 A 20110405	KR20090091623 20090928	CHOE SEONG JUN [KR]; CHOI HEE GEUN [KR]; CHOI DAE GEUN [KR]	F03D9/00; F03D3/02; F03D3/04; F03D9/02	HIGH EFFICIENCY WIND POWER GENERATION UNIT AND TRANSPORT MEANS EQUIPPED WITH IT
KR201100343 95 A 20110405	KR20090091903 20090928	HYUNDAI STEEL CO [KR]	F03D5/04; F03D1/00; F03D7/04	DEVICE OF WIND POWER GENERATION FOR CHIMNEY
KR201100346 60 A 20110405	JP20090032616 20090216	MITSUBISHI HEAVY IND LTD [JP]	F16H1/36; F03D11/02; F16H57/08	SPPED-UP PLANETARY GEAR
KR201100349 99 A 20110406	KR20090092526 20090929	KOREA ENERGY RESEARCH INST [KR]	F03D7/02; F03D1/00	A VARIABLE TAIL UNIT FOR SMALL SIZE WIND POWERED GENERATOR AND CONTROL METHOD OF THE SAME
KR201100353 61 A 20110406	KR20090093036 20090930	ELNT CO LTD [KR]	F03D9/00; F03D3/04; F03D7/06	WIND POWER GENERATION
KR201100354 82 A 20110406	KR20090093221 20090930	GIM JONG PIL [KR]	F03D3/04; F03D7/06; F03D11/00	WIND POWER GENERATING APPARATUS
KR201100354 94 A 20110406	KR20090093243 20090930	HONG HYUP [KR]; HONG GU DUCK [KR]	F03D3/00; F03D11/02	WIND POWER GENERATOR
KR201100361 89 A 20110407	KR20090093721 20091001	YOON JUNG HO [KR]; YOON CHUNG HYUN [KR]; YUN JEONG SAN [KR]	F03D11/00; F03D1/00; F03D1/06; F03D3/00	WIND POWER DEVICE
KR201100364 17 A 20110407	KR20090094076 20091001	SHIN YOUNG KU [KR]	F03D3/06; F03B13/12; F03B13/26; F03D11/00	TURBINE USING FANS
KR201100367 65 A 20110408	GB20080014257 20080805	PULSE GROUP HOLDINGS LTD [GB]	F03B13/18; F03B13/12; F03B13/22; F03B17/00	AN APPARATUS FOR GENERATING POWER FROM A FLUID STREAM

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KR201100367 90 A 20110411	KR20107021913 20090819	mitsubishi heavy ind ltd [JP]	F03D7/04	WINDMILL, AND METHOD OF REMOVING ICE FROM WINDMILL BLADES
KR201100370 42 A 20110413	KR20090094287 20091005	KIM HEE SOOK [KR]	F03D9/00; F04D29/52	AXIAL FLOW FAN ASSEMBLY
KR201100374 46 A 20110413	KR20090094896 20091007	LEE DAL EUN [KR]	F03D9/02; F03D1/02	THE AIR COMPRESSORS USE OF WIND
KR201100375 14 A 20110413	KR20090094992 20091007	CHOE SEONG JUN [KR]; CHOI DAE GEUN [KR]; CHOI HEE GEUN [KR]	F03D9/00; F03D11/00; F24J2/02; H01L31/042	HYBRID ELECTRIC POWER GENERATION SYSTEM USING PHOTOVOLTAICS AND WIND POWER
KR201100380 98 A 20110413	NO20080003014 20080703	HYDRA TIDAL ENERGY TECHNOLOGY AS [NO]	F03B3/14; F03B13/26; F03B15/04	DEVICE FOR CONTROLLING TURBINE BLADE PITCH
KR201100387 92 A 20110415	KR20090095956 20091009	ROH SOON CHANG [KR]	F03D11/02; F03D1/00; H02K17/02	HIGH-EFFICIENCY GENERATOR USING WIND
KR201100391 61 A 20110415	KR20090097006 20091009	CHOI JAE SONG [KR]	F03D5/00; F03D11/04; F24J2/02; H01L31/042	POONG SEN BAL JEN KI
KR201100401 19 A 20110420	KR20090097265 20091013	HONG GU DUCK [KR]; NPW CO LTD [KR]	F03B13/00; F03D1/00; F03D9/00; F03D11/02	FLOATING OFFSHORE COMBIND GENERATOR
KR201100403 28 A 20110420	KR20090097546 20091014	SON JU SIK [KR]	F03D3/04; F03D11/00	WIND INFLOW DEVICE OF VERTICAL AXIS WIND TURBINE SYSTEM
KR201100410 17 A 20110421	KR20090098001 20091015	PARK JOON KOOG [KR]	F03D11/00; F03D1/00; F03D11/04	POSITIONING CONTROL SYSTEM AND GENERATING SYSTEM AT WIND POWER IN SEA

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KR201100414 10 A 20110421	KR20090098000 20091015	UNIV SOGANG IND UNIV COOP FOUN [KR]	F03D9/00; F03D1/04; H02N2/00	WIND POWER GENERATER AND DUAL WIND POWER GENERATING SYSTEM
KR201100414 86 A 20110421	DK20080000860 20080623	INTELLIGENT TOWER SOLUTIONS APS [DK]	F03D11/04; E04H12/00; E04H12/08	PLATFORM, IN PARTICULAR INTERIOR PLATFORM FOR TUBULAR TOWER
KR201100418 57 A 20110422	KR20090098870 20091016	SEUNG AE LIM [KR]	F03D3/06; F03D11/00; F03D11/02	WIND POWER GENERATOR
KR201100418 58 A 20110422	KR20090098872 20091016	KIM DO HYUN [KR]; LEE WON GYU [KR]; KIM A SOL [KR]	F03D11/00; F03D11/02; F16H39/00	A FORCED CIRCULATION DEVICE OF LUBRICATION OIL FOR WINDMILL
KR201100422 53 A 20110426	KR20090099031 20091018	PARK SEONG SOO [KR]	F03B13/06; B63B38/00; F03B17/06; F03D9/00	SMALL-HYDROELECTRIC COMPLEX POWERGENERATION SHIP FOR FLOAT OF THE WATER STAND TYPE
KR201100424 52 A 20110427	KR20090099125 20091019	CHO CHUN SIN [KR]; KIM DONG SUP [KR]	F03D3/04; F03D11/00; F03D11/02	WIND GENERATOR
KR201100425 09 A 20110427	KR20090099204 20091019	SIN HYEON JONG [KR]	B60L8/00; B60L11/18; F03D9/00	REPLACEABLE ELECTRIC DRIVING GEAR FOR VEHICLE AND INSATLLING METHOD THERREOF
KR201100433 84 A 20110427	KR20090100958 20091021	LEE JONG MOK [KR]	B62M23/02; B62J99/00; F03D1/02	THE HYBRID MOTORBIKE HAVING FORCE OF WIND POWER GENERATION PART
KR201100443 72 A 20110429	KR20090101001 20091023	KYUNG CHONG MAN [KR]	F03D11/02; F03D3/00; F03D5/00	WIND POWER GENERATOR
KR201100444 75 A 20110429	KR20090101166 20091023	KCI WIND TECH CO LTD [KR]	F03D1/02; F03D9/00; F03D11/00; F03D11/04	WIND GENERATOR WHICH HAS THE ARTIFICIAL REEF
KR201100445 79 A 20110429	KR20090101331 20091023	LEE JONG JO [KR]	F03D9/00; F03D3/04	WIND POWER GENERATOR OF MEDIAN STRIP FOR ROAD

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KR201100486 54 A 20110512	KR20090105322 20091103	FORMATIVE ART S CO LTD [KR]	F03D1/06; F03D11/00	STRUCTURE OF WINDMILL
KR201100486 55 A 20110512	KR20090105323 20091103	FORMATIVE ART S CO LTD [KR]	F03D1/06; F03D11/00	MANUFACTURING METHOD OF WINDMILL
KR201100487 82 A 20110512	KR20090105495 20091103	YUN JEONG SAN [KR]; YOON CHUNG HYUN [KR]	F24J2/06; F03D1/00; F24J2/38	INSTALLED WIND POWER GENERATORS SOLAR POWER DEVICES
KR201100490 20 A 20110512	KR20090105827 20091104	CHUNGPA EMT CO LTD [KR]	G09B23/18; F03D1/00; H01L31/042	TRAINING DEVICE FOR EDUCATING THE RENEWABLE ENERGY
KR201100490 22 A 20110512	KR20090105829 20091104	CHUNGPA EMT CO LTD [KR]	G09B23/18; F03D1/00; H01L31/042	TRAINING DEVICE FOR EDUCATING THE RENEWABLE ENERGY
KR201100492 50 A 20110512	KR20090106181 20091104	LEE JONG JO [KR]	F03D1/04; F03D11/00	VORTEX WIND POWER GENERATOR
KR201100496 46 A 20110512	KR20100059082 20100622	I MU IL [KR]	F03D9/00; B60L8/00; F03D3/02; F03D3/04	AUTO MOBILE USING WIND-GENERATOR
KR201100507 01 A 20110516	US20080191358P 20080908	FLODESIGN WIND TURBINE CORP [US]	F03D9/00; F03D11/00	INFLATABLE WIND TURBINE
KR201100507 05 A 20110516	KR20117007321 20090227	MITSUBISHI HEAVY IND LTD [JP]	F03D1/06; F03D11/00	WIND DRIVEN GENERATOR
KR201100508 95 A 20110517	KR20090107473 20091109	LEE SO HAK [KR]	F03D3/04; F03D11/00; F03D11/04	WINDMILL
KR201100509 45 A 20110517	KR20090107552 20091109	KIM SANG HEE [KR]	F03D9/00; F03D3/02; F03D3/04	A WIND GENERATOR

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KR201100510 88 A 20110517	KR20090107750 20091109	JINWOO ELECTRIC E & C [KR]	F03D3/02; F03D5/00; F03D11/00; F03D11/02	A WINDMILL HAS SPINNING INSTRUMENT FOR HELPING MAIN WINGS
KR201100510 89 A 20110517	KR20090107751 20091109	JINWOO ELECTRIC E & C [KR]	F03D3/02; F03D3/04; F03D11/00; F03D11/02	WINDMILL
KR201100511 00 A 20110517	KR20090107770 20091109	LIM HO SUL [KR]	F03D3/06; F03D11/02	WINDMILL FOR AEROGENERATOR
KR201100511 17 A 20110517	KR20090108357 20091109	CHO GIU YAN [KR]	F03D11/04; F03D1/00; F03D3/00	THE WIND POWER GENERATOR
KR201100513 97 A 20110518	KR20090107949 20091110	AERONET INC [KR]	F03D3/06; F03D11/00	TURBINE ROTOR FOR VERTICAL WIND TURBINE AND VERTICAL WIND TURBINE SYSTEM
KR201100517 52 A 20110518	KR20090108492 20091111	KOO CHEUL [KR]; YANG JIN MO [KR]	E01H1/05; F03D9/00	ROAD INFORMATION DISPLAY PANEL CLEANER USING THE WIND FORCE
KR201100519 29 A 20110518	KR20090108752 20091111	KIM JUEN SOO [US]	F03D3/04; F03D11/04; H01L31/042	WIND-COLLECTING TOWER WITH SOLAR CELL PANELS FOR A WIND ELECTRIC POWER GENERATOR
KR201100520 96 A 20110518	KR20090109003 20091112	LEE CHUN KYU [KR]	F03D9/00; B62D25/06; F03D3/02; F03D3/04	CHARGE DEVICE USING WIND POWER, CHARGE METHOD AND BRAKING METHOD USING IT
KR201100522 84 A 20110518	KR20090109257 20091112	NPW CO LTD [KR]; HONG GU DUCK [KR]	F03D1/06; F03D3/06; F03D7/00; F03D11/00	PROPELLER STRUCTURE AND AEROGENERATOR BEING EQUIPPED THEREWITH
KR201100522 85 A 20110518	KR20090109258 20091112	NPW CO LTD [KR]; HONG GU DUCK [KR]	F03D1/02; F03D1/06; F03D11/02	AEROGENERATOR

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KR201100527 53 A 20110519	KR20090109400 20091113	PARK YEO WOONG [KR]	F03D9/00; F03D11/04	VACUUM PARASAIL WIND POWER GENERATION
KR201100529 05 A 20110519	KR20090109637 20091113	HYOSUNG CORP [KR]	F03D11/00; F03D11/04	POWER CABLE TWIST PREVENTING DEVICE OF WINDMILL
KR201100532 18 A 20110519	KR20110042743 20110503	SEO BYEONG HO [KR]	B60L8/00; B60K16/00; F03D9/00	ELECTRIC VEHICLE'S SELF CHARGER
KR201100543 87 A 20110525	KR20090111009 20091117	HYUN DAI HEAVY IND CO LTD [KR]	F03D11/00; F03D11/02	PITCH SYSTEM POWER SUPPLY USING NON-CONTACTING TRANSFORMER
KR201100549 15 A 20110525	KR20090111730 20091118	PARK YEO WOONG [KR]	F03D9/00; F03D11/04	COMPOUND WIND POWER GENERATION
KR201100551 86 A 20110525	KR20090112106 20091119	HONGMOON [KR]	F03D1/06; F03D7/04; F03D11/00	ROTOR BLADE FOR WIND POWER GENERATOR
KR201100554 46 A 20110525	KR20090111099 20091117	LIM TAE KYU [KR]; SONG WON JIN [KR]	F03D11/04; E04H12/00	TOWER INSTALLATION FOR ELASTOMERIC BEARING OF WIND POWER GENERATOR
KR201100558 78 A 20110526	KR20090112493 20091120	WOO SUNG HO [KR]	B60L8/00; F03D9/00; H02J7/00	BATTERY CHARGING METHOD WITH WIND POWER FOR ELECTRIC CAR
KR201100566 15 A 20110531	KR20090113012 20091123	JUNG SUNG PEEL [KR]	F03D9/00; F03D5/02	A WIND FORCE GENERATION DEVICE FOR TRAFFIC EQUIPMENT
KR201100566 57 A 20110531	KR20090113071 20091123	LEE DAL JOO [KR]	F03D3/06; F03D3/02; F03D11/00	WIND POWER GENERATOR SYSTEM
KR201100573 01 A 20110601	KR20090113642 20091124	RHO YOUNG GYU [KR]	F03D3/06; F03D5/04; F03D11/00	TILTING BLADE FOR VERTICAL WIND POWER GENERATION

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KR201100581 10 A 20110601	KR20090114781 20091125	SAMSUNG HEAVY IND [KR]	F03D3/06; F03D11/00	VERTICAL AXIS WIND POWER GENERATOR
KR201100581 94 A 20110601	KR20090114891 20091126	NOTUS CO LTD [KR]	F03D9/02; F03D11/02	COMPRESSED AIR GENERATING SYSTEM BY THE WIND TURBINE
KR201100584 34 A 20110601	KR20090115226 20091126	HANSUNG WELLTECH CO LTD [KR]; SEO JEONG DO [KR]	F03D3/04; F03D7/06	OPENING AND SHUTTING EQUIPMENTS OF WIND GENERATOR
KR201100586 28 A 20110601	KR20090114317 20091125	KOREA MACH & MATERIALS INST [KR]	F03D9/00; B60L11/18; F03D7/00	WIND-DIESEL HYBRID POWER SUPPLY SYSTEM USING COMMON INVERTER
KR201100589 51 A 20110602	KR20090115512 20091127	KYUNG CHONG MAN [KR]	F03D1/00; F03D11/00	WIND POWER GENERATOR
KR201100591 13 A 20110602	KR20090115749 20091127	KIM EUNG UG [KR]; PARK YOUNG JONG [KR]	F03D9/00; F03D1/02; F03D1/04; F03D11/00	A GENERATING APPARATUS UTILIZING THE EXHAUST AIR
KR201100597 79 A 20110603	KR20117009116 20080922	BERG PROPULSION TECHNOLOGY AB [SE]	B63H3/08; B63H3/04; B64C11/42; F03D7/02	AN ADJUSTABLE PROPELLER ARRANGEMENT AND A METHOD OF DISTRIBUTING FLUID TO AND/OR FROM SUCH AN ADJUSTABLE PROPELLER ARRANGEMENT
KR201100603 97 A 20110608	KR20090116974 20091130	HYUNDAI CONSTRUCTION CO LTD [KR]	E01D19/10; E01F8/00; F03D9/00	WIND PROTECTION BARRIER EQUIPPED WITH COMPACT WIND POWER TURBINES AND BRIDGE HAVING SUCH BARRIER
KR201100606 63 A 20110608	KR20090117317 20091130	CHO SUNG HYUN [KR]	F03D11/00; F03D1/06; F03D3/06	LOW WIND HIGH POWER TURBIN
KR201100607 71 A 20110608	KR20090118805 20091130	CHO GIU YAN [KR]	F03D11/00; F03D11/02	THE WIND POWER GENERATOR

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KR201100607 74 A 20110608	KR20090116533 20091130	KOREA ENERGY DEV CO LTD [KR]	F03D3/00; F03D5/04; F03D7/00; F03D11/00	A WIND GENERATOR INCREASING REVOLUTION EFFICIENCY
KR201100625 11 A 20110610	KR20090119258 20091203	LEE BYONG DAE [KR]	F03D11/00; F03D1/06; F03D3/06; F03D11/02	WINDMILL HUB USING VARIABLE TENSION SPRING
KR201100626 83 A 20110610	KR20090119473 20091204	CHO JAI YOUNG [KR]	F03D7/00; H01L31/042	GENERATING UTILIZING SYSTEM NATURAL ENERGY CAPABLE OF CONTROLLING RATED VOLTAGE OF CHARGING PART
KR201100635 41 A 20110610	NL20082002002 20080919	CORTENERGY BV [NL]	F03D1/06	WIND TURBINE WITH LOW INDUCTION TIPS
KR201100637 09 A 20110614	KR20090120219 20091206	PIXTHEA CORP [KR]	E01F9/04; F03D9/00; F21S9/03; G08G1/04	INTELLIGENT DELINEATOR SYSTEM FOR SENSOR
KR201100639 48 A 20110615	KR20090120325 20091207	KIM JUEN SOO [US]	F03D11/00; F03D1/04; F03D3/04; F03D7/00	APPARATUS FOR CONTROLLING AIR VOLUME IN WIND POWER ELECTRIC GENERATOR
KR201100643 22 A 20110615	KR20090120853 20091208	KIM SANG JOON [KR]	F03D9/00; F03D1/02; F03D1/04	ONE WIND ENERGY
KR201100644 22 A 20110615	KR20090121030 20091208	KIM JAE KIL [KR]	F03D3/04; F03D11/00	APPARATUS OF WIND POWER SYSTEM FOR WIND TURBINE
KR201100644 79 A 20110615	KR20090121110 20091208	LEE KYOUNG WOO [KR]	B63J2/08; B63J3/00; F03D9/00	THE METHOD OF ENERGY SAVING AND POWER GENERATION USING WIND TURBINE VENTILATION FAN IN SHIPS
KR201100646 57 A 20110615	KR20090121344 20091208	WITHITS CO LTD [KR]; PARK SU HUN [KR]	F03D3/06; F03D11/00	VERTICAL WIND ENERGY GENERATOR HAVING DARRIUS TURBINE BLADES

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KR201100646 58 A 20110615	KR20090121345 20091208	WITHITS CO LTD [KR]; PARK SU HUN [KR]	F03D1/02; F03D11/02	VERTICAL WIND ENERGY SYSTEM WITH DOUBLE SIDE HORIZONTAL WIND TURBINE
KR201100648 75 A 20110615	KR20090121637 20091209	LEE YONG JAE [KR]	F03D3/00; F03D11/02	VERTICAL AEROGENERATOR
KR201100656 30 A 20110616	KR20090122203 20091210	LEE YONG SIK [KR]	F03D3/06; F03D11/00	VERTICAL WIND POWER GENERATOR FOR USING CONCENTRATION DEVICE
KR201100659 22 A 20110616	KR20090122619 20091210	OH YEUN SU [KR]; OH HYEUN SU [KR]	F03D9/00; F03D1/04; F03D3/04; F03D11/02	WIND POWER SYSTEM FOR ROAD
KR201100660 02 A 20110616	KR20090122722 20091210	HANSUNG WELLTECH CO LTD [KR]; SEO JEONG DO [KR]	F03D3/04; F03D7/06; F03D11/00	AN ENTRANCE OPENING AND SHUTTING DEVICE OF WIND GENERATOR
KR201100668 19 A 20110617	KR20090124477 20091211	LEE SANG SOO [KR]	F03D3/06; F03D11/00	BLADE FOR WIND POWER GENERATION
KR201100669 64 A 20110617	US20080195307P 20081006	FLODESIGN WIND TURBINE CORP [US]	F03D1/04	WIND TURBINE WITH REDUCED RADAR SIGNATURE
KR201100678 05 A 20110622	KR20090124558 20091215	HANSUNG WELLTECH CO LTD [KR]; SEO JEONG DO [KR]	F03D3/04; F03D3/06; F03D11/00	WIND GENERATOR A BLADE BEING TURNED OVER
KR201100683 32 A 20110622	KR20090125226 20091216	SAMSUNG HEAVY IND [KR]	F03D11/04; E04F11/022; E04H12/00	TOWER MODULE OF A WIND POWER GENERATION
KR201100683 66 A 20110622	KR20090125281 20091216	LEE CHANG HYUN [KR]	F03D1/06; F03D11/00	A WIND VELOCITY ACCORDING TO AIR RESISTANCE HAVE DIFFERENT WIND GENERATOR
KR201100685 71 A 20110622	KR20090125587 20091216	KIM JUNG MIN [KR]	F03D9/00; F03D11/02; F23J11/00	AN APPARATUS FOR GENERATING ELECTRIC POWER UTILIZING AIR DISMISSED FROM COAL-MINE TUNNEL

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KR201100686 00 A 20110622	KR20090125631 20091216	SAMSUNG HEAVY IND [KR]	F03D11/00; F03D11/02	WIND POWER GENERATOR
KR201100692 21 A 20110623	KR20090125854 20091217	LEE GEUM LYE [KR]	F03D3/06; F03D11/00	AEROGENERATOR WITH AUTOMATIC CONTROLLED LENGTH OF A FAN
KR201100694 63 A 20110623	KR20090126207 20091217	DMS CO LTD [KR]	F03D11/00; F03D1/00; F03D11/02	WIND POWER GENERATOR
KR201100699 38 A 20110624	KR20090126540 20091218	PAEK KUEN TAE [KR]	F03D1/02; F03D11/02	REVERSAL DUAL-PROPELLER WIND TURBINE
KR201100701 50 A 20110624	KR20090126869 20091218	HASEUNG CORP [KR]	F03D3/00; F03D3/06; F03D11/00	ARM FOR VERTICAL-SHAFT WIND GENERATOR AND VERTICAL-SHAFT WIND GENERATOR HAVING THE SAME
KR201100706 23 A 20110624	KR20090127498 20091218	SAMSUNG HEAVY IND [KR]	F03D1/00; F03D11/02	SHAFT ASSEMBLY FOR WIND POWER GENERATION AND WIND POWER GENERATION INCLUDING THE SAME
KR201100711 57 A 20110629	KR20090127632 20091221	KOREA ELECTROTECH RES INST [KR]	F03D11/00; F03D7/00	INTEGRATED CONTROL APPARATUS AND METHOD FOR HYBRID TYPE WIND TURBINE SYSTEM
KR201100712 66 A 20110629	KR20090127783 20091221	KOLON CONSTRUCTION CO LTD [KR]	C02F3/12; F03D9/00	WASTE WATER TREATING SYSTEM WITH WIND GENERATOR AND AUXILIARY POWER SUPPLY THEREOF
KR201100719 16 A 20110629	KR20090128626 20091222	KYUNG CHONG MAN [KR]	F03D1/06; F03D3/06; F03D11/00	WIND POWER GENERATOR
KR201100722 38 A 20110629	KR20090129089 20091222	BANG BOO HYEON [KR]	F03D3/04; F03D3/06; F03D11/00	WIND POWER GENERATOR
KR201100725 25 A 20110629	KR20090129497 20091223	SAMSUNG HEAVY IND [KR]	B63J2/12; B63B13/00; B63H21/38; F03D9/00	COOLING SYSTEM OF WIND TURBINE INSTALLATION VESSEL

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KR201100730 52 A 20110629	KR20090130207 20091223	SAMSUNG HEAVY IND [KR]	F03D1/00; F03D11/02	WIND POWER GENERATOR
KR201100731 07 A 20110629	KR20090130276 20091223	KOREA ADVANCED INST SCI & TECH [KR]; UNIV ULSAN FOUND FOR IND COOP [KR]	H02J3/38; F03D9/00; H01M8/00; H02J7/35	SMART GREEN GRID SYSTEM FOR MOBILE HARBOR
KR201100737 49 A 20110630	KR20090130476 20091224	NAT UNIV CHUNGBUK IND ACAD [KR]	F03D9/00; B66B11/00	ELEVATOR CAGE, ELEVATOR FOR WIND POWER GENERATION AND METHOD OF GENERATING POWER USING ELEVATOR
KR201100744 10 A 20110630	KR20090131256 20091224	HWANG JI SEON [KR]	F03D11/00; F03D3/06	APPARATUS FOR WIND POWER GENERATION
KR201100744 11 A 20110630	KR20090131274 20091224; KR20090131286 20091224	HWANG JI SEON [KR]	F03D11/00; F03D1/06; F03D3/06	ROTOR FOR WIND POWER GENERATION AND APPARATUS FOR WIND POWER GENERATION HAVING THE SAME
LT2009079 A 20110426	LT20090000079 20091015	ZATURSKIS JONAS [LT]	F03D3/00	POWER PLANT TURBINE WITH SLOTTED WINGS DRIVEN BY AIR FLOW
LT5743 B 20110725	LT20090000076 20091002	STIRPEIKA VIKTORAS [LT]	F03D1/00	WHIRLING PROPELLER
LT5751 B 20110825	LT20090000083 20091030	MACYS DAINIUS [LT]	F03D3/00	VERTICAL AXIS WIND TURBINE
MX20090074 51 A 20110114	MX20090007451 20090710	ROSAS JOSA GERARDO CHA VEZ [MX]		WIND VERTICAL TURBINE WITH A ROTATING VANE HOPPER.
MX20100085 12 A 20110121	US20080006979P 20080208; WO2009US32950 20090203	TECHNOLOGY SERVICE CORP [US]	F03D7/04	SYSTEMS AND METHODS FOR MITIGATING THE EFFECTS OF WIND TURBINES ON RADAR.
MX20100108 88 A 20110302	DE200810016925 20080402; WO2009EP02401 20090402	ALOYS WOBLEN [DE]	F03D11/00	WIND POWER PLANT HAVING MULTIPLE CONSTRUCTION SECTIONS.

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MX2010013088 A 20110225	WO2008JP60383 20080605	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WINDMILL VANE AND WIND POWER GENERATOR UTILIZING THE SAME.
MX2010014395 A 20110329	WO2008EP57907 20080620; WO2008EP62583 20080919	ALIZEO [FR]	F03D11/04	WIND GENERATOR WITH FOLDING MAST.
MX2011000030 A 20110330	US20080133693P 20080630; DK20080000901 20080630; WO2009EP57801 20090623	VESTAS WIND SYS AS [DK]	F03D7/04; F03D9/00	POWER CURTAILMENT OF WIND TURBINES.
MX2011000263 A 20110222	US20080173420 20080715; WO2008IB03790 20080828	MAGENN POWER INC [CA]	F03D11/04; B64B1/40; B64B1/50; B64B1/66; F03D3/00	SYSTEMS AND METHODS FOR TETHERED WIND TURBINES.
MX2011000693 A 20110302	US20080081838P 20080718; WO2009US51087 20090718	JONES ALLEN [US]	F03D3/06	WIND POWERED ENERGY AMPLIFICATION SYSTEM AND METHOD.
MX2011000781 A 20110315	DE200810034747 20080724; WO2009EP59186 20090716	ALOYS WOBLEN [DE]	F03D11/00	NACELLE OF A WIND TURBINE COMPRISING AVIATION OBSTRUCTION LIGHTS.
NL1037214C C 20110222	NL20091037214 20090820	DUTCH HEAVY LIFT CONCEPTS B V [NL]	E02D27/52; F03D1/00	WERKMETHODE EN HEFPLATFORMUITVOERING OM FUNDATIES E.D. IN WOELIGE ZEE TE PLAATSEN.
NL1037351C C 20110406	NL20091037351 20091005	EUROP S ENERGY POINT [NL]; HOF JOHANN JOSEPHUS [NL]	F03D9/00	ZONNEPANEEL-KRAGEN VASTGEMAAKT AAN DE MASTEN VAN WINDMOLENS.
NL1037537C C 20110609	NL20091037537 20091207	SERLE RUDOLPH MARTIN [NL]	F03B13/18; F03D9/00	DRIJVEND PLATFORM MET STROOMOPWEKKING GEKOPPELD AAN WINDTURBINE OP ZEE.

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NL2003104C C 20110104	NL20092003104 20090630	RODENBURG HANS ANDREAS [NL]; RODENBURG RICHARD STEFANUS [NL]	F03D1/04; F03D9/00	BUISVORMIGE MANTEL, ALSMEDE WINDTURBINE VOORZIEN VAN EEN DERGELIJKE MANTEL.
NL2003170C C 20110111	NL20092003170 20090709	MAMMOET HOLDING B V [NL]	F03D1/00	METHOD OF MOUNTING OR DISMOUNTING A WINDMILL AT SEA AND MOVEABLE PLATFORM TO BE USED WITH SAID METHOD.
NL2003648C C 20110418	NL20092003648 20091015	UNIV DELFT TECH [NL]	F03D1/00	FOUNDATION FOR AN OFFSHORE WINDMILL AS WELL AS OFFSHORE WINDMILL SYSTEM, HAVING SUCH A FOUNDATION.
NL2003865C C 20110526	NL20092003865 20091125	WEST 6 B V [NL]	E01F9/015; F03D9/00	LIGHTING DEVICE WITH A WIND-POWERED CLEANING MEMBER.
NL2003896C C 20110606	NL20092003896 20091202	EMERGYA WIND TECHNOLOGIES HOLDINGS N V [NL]	F03D1/06	WINDTURBINEBLAD MET VARIABEL OPPERVLAKE EN DAARMEE UITGERUSTE WINDTURBINE.
NL2003925C C 20110609	NL20092003925 20091208	LAGERWEY WIND B V [NL]	F03D11/00; F16C19/38	MAIN BEARING FOR A WIND TURBINE.
NO20093050 A 20110323	NO20090003050 20090922	NILSEN ODD MAGNE [NO]	F03D7/06; F03D1/00; F03D3/00	Vendbar vindmolle
NO20093412 A 20110526	NO20090003412 20091125	SWAY AS [NO]	F03D7/02	Metode for dreining av et vindkraftverk i forhold til vindretningen
NO20093505 A 20110614	NO20090003505 20091211	INGENIUM AS [NO]	F03D1/02; F03D1/00; F03D7/02; F03D11/04	Vindkraftgenereringssystem
NO20100589 A 20110624	NO20090003591 20091223; NO20100000589 20100423	HASSAVARI NADER [NO]	F03B13/18	Anordning til utnyttelse av bolgeenergi
NO329901B B1 20110124	NO20090002283 20090612	SEATOWER AS [NO]	F03D11/04; B63B21/50; E02D27/50	Baeresystem for en offshorekonstruksjon
NO329993B B1 20110207	NO20090002276 20090612	INNOWIND AS [NO]	F03D1/04; F03B17/06	Anordning ved vindturbin

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NO330059B B1 20110214	NO20090002319 20090616	JAHR ODD [NO]	F03D11/00; H02K16/00	Vindkraftverk med to energiproduserende enheter
NO330062B B1 20110214	NO20090002984 20090911	BLAASTER WIND TECHNOLOGIES AS [NO]	F03D11/00; F03D11/04	Vindturbin
NO330121B B1 20110221	NO20090002720 20090717	JAHR ODD [NO]	F03D1/02; F03D11/04	Vindkraftverk med to energiproduserende enheter og med generatorene plassert i bunn av tårnet
NO330281B B1 20110321	NO20100000154 20100201	VELUND DAG [NO]	F03D11/04	Anordning og fremgangsmate ved flytende vindturbin
NO330427B B1 20110411	NO20090003574 20091222	TEEKAY SHIPPING NORWAY AS [NO]	B63B35/00; F03D11/00; F03D11/04	Fartoy og framgangsmate for sammenstilling og installering av vindturbin til havs
NO330668B B1 20110606	NO20090003088 20091002	NEDREBO OYVIND [NO]	F03D7/02	Anordning for posisjonering av maskinhus med en rotoraksel
NO330856B B1 20110801	NO20090003117 20091009	HOLMOY VIDAR [NO]	F03D11/04	Flytende vindkraftverk
NZ549767 A 20110630	DE200410017008 20040402; WO2005EP03498 20050404	ALOYS WOBEN [DE]	E02D27/42; F03D1/00	Method for erecting a tower using a self-leveling fluid grouting material
NZ554772 A 20110331	US20050035466 20050114; WO2005US36759 20051012	JD HOLDING INC	F03D9/00; H02P9/04	Optimizing fuel usage by selectively absorbing fuel and wind power to produce battery power
NZ560283 A 20110225	DE200510002650 20050119; WO2006EP00394 20060118	ALOYS WOBEN [DE]	F21S8/00; F03D11/00; F21V21/02; F21V21/04; F21V33/00	Rod-shaped light and light holder for marking a pylon

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NZ565553 A 20110225	AU20050904358 20050812; AU20060904032 20060726; NZ20060586985 20060811; WO2006AU01148 20060811	BIOPOWER SYSTEMS PTY LTD	E02B9/08; F03B13/18; F03B13/26; F03D5/00	A device for capturing energy from a fluid flow having a lift generating element with a lunate surface adapted to drive the device in oscillatory motion
NZ571984 A 20110128	IT2006IT00279 20060424; WO2006IT00279 20060424	KITE GEN RES S R L	F03D5/00	Aeolian system using transmission system including three sets of blocks
NZ576624 A 20110225	DK20060001382 20061024; WO2007DK00427 20071004	VESTAS WIND SYS AS [DK]	F03D7/02	A METHOD FOR DAMPING TOWER OSCILLATIONS, AN ACTIVE STALL CONTROLLED WIND TURBINE AND USE HEREOF
NZ577101 A 20110331	IT2006TO00874 20061211; WO2007IT00834 20071130	KITE GEN RES S R L	B63B35/79; B63H9/06; F03D5/00	CONTROLLING KITES USING A SEPARATE MOTOR FOR DIFFERENTIAL CONTROL ACTION
NZ579065 A 20110128	EP20080016228 20080915	SIEMENS AG [DE]	F03D1/02; F03D9/00; H02K1/06	Stator arrangement of a generator for a wind turbine, were stator segments are radially surrounded by a rotor and the segments are mounted via rigid connections to a shaft
NZ580892 A 20110331	EP20080019186 20081103	SIEMENS AG [DE]	F03D11/04; E02D27/32; E02D27/42	Foundation using a central member with a keyway or projection mating with a plurality of foundation segments
NZ580990 A 20110527	NZ20070580990 20070612	STORM RIDER HOLDINGS LTD	F03D7/02; F01D1/04; F03D1/02	Wind turbine imbalance shutdown mechanism
NZ587741 A 20110331	EP20100000418 20100118	SIEMENS AG [DE]	F03D11/04; B65B69/00	Method of transportation for wind turbine tower segments by deforming the segments
NZ587845 A 20110630	EP20100161993 20100505	SIEMENS AG [DE]	G01N7/00; F03D1/00; F03D11/00	Arrangement for lightning detection incorporating an ozone detector and a spark gap

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PL118545U U1 20110411	PL20090118545U 20091010	PISKORZ WALDEMAR [PL]	F03D3/00; F03D3/04; F03D3/06	Wind turbine
PL388698 A1 20110314	PL20090388698 20090907	SAWOSZ JAN [PL]	F03D3/00	"IRENA" Wind power plant
PL388704 A1 20110214	PL20090388704 20090803	INST MASZ PRZEPLYWOWYCH PAN [PL]; DOERFFER PIOTR [PL]	F03D3/04; F03D3/02; F03D3/06	Windmill with the axis of rotation transverse to the wind direction
PL388893 A1 20110228	PL20090388893 20090827	GOTTER ZBIGNIEW [PL]	F03D3/06; F03D3/00	Wind turbine
PL388926 A1 20110314	PL20090388926 20090831	RYCHERT ANDRZEJ [PL]	F03D9/00; F03D11/04; F03G7/04	Chimney-wind power plant
PL388959 A1 20110314	PL20090388959 20090903	LAZUR ZBIGNIEW [PL]	F03D3/06; F03D3/00; F03D11/04	Wind turbine with a vertical rotor axis
PL389005 A1 20110314	PL20090389005 20090910	JANUSZAJTIS ROMAN [PL]	F03D3/06; F03D3/00; F03D3/04; F03D11/00	Radial wind turbine
PL389010 A1 20110314	PL20090389010 20090910	CHOMCZYK WLODZIMIERZ [PL]	F03D3/04; F03D3/00; F03D3/06; F03D11/04	Wind turbine
PL389045 A1 20110328	PL20090389045 20090915	LAZUR ZBIGNIEW [PL]	F03D7/06; F03D3/00; F03D3/06; F03D7/00; F03D11/04	Wind turbine with a vertical rotor axis
PL389085 A1 20110328	PL20090389085 20090921	RYCHERT ANDRZEJ [PL]	F03D3/06	Universal disk turbine
PL389201 A1 20110411	PL20090389201 20091005	LAZUR ZBIGNIEW [PL]	F03D3/06; F03D3/00	Wind turbine with a vertical rotor axis
PL389204 A1 20110411	PL20090389204 20091005	PISKORZ WALDEMAR [PL]	F03D3/06; F03D3/00	Water and air turbine

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PL389245 A1 20110411	PL20090389245 20091009	PISKORZ WALDEMAR [PL]	F03D3/00; F03D3/06	Air turbine rotor
PL389292 A1 20110426	PL20090389292 20091015	CUKIERSKI JAN MACIEJ [PL]	H02K16/00; F03D9/00	Double-rotor generators used in wind beams with driver-brake
PL389351 A1 20110426	PL20090389351 20091022	PISKORZ WALDEMAR [PL]	F03D3/00; F03D3/04; F03D3/06; F03D7/06; F03D11/04	Wind turbine
PL389552 A1 20110523	PL20090389552 20091112	PRZYBYSLAWSKI JERZY [PL]	E03D3/00; F03D3/06; F03D7/06	Self regulatory wind power plant
PL389610 A1 20110523	PL20090389610 20091118	AQUAEL JANUSZ JANKIEWICZ SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA [PL]	F03D11/04; E04H12/10; E04H12/18; F03D1/04; F03D3/04; F03D7/04	Wind power plant with a folding mast
PL389837 A1 20110620	PL20090389837 20091209	ONYSZCZUK EUGENIUSZ ZBIGNIEW [PL]	F03D3/06; F03D3/00; F03D7/06; F03D11/00	Wind power plant
PT104896 A 20110620	PT20090104896 20091218	JESUS JOAO FRANCISCO DE [PT]	H02J7/14; F03D3/00; H01L31/042	SISTEMA DE CARREGAMENTO DE BATERIAS PARA MOVER MOTOR ELÉCTRICO DE TRACÇÃO PARA AUTOMÓVEIS COM O APROVEITAMENTO DAS ENERGIAS EÓLICA E SOLAR
PT10602T T 20110121	PT20100010602U 20100721	ALLWINMOB LDA [PT]	B60L8/00; B60K16/00; F03D3/00	OBTENÇÃO DE ENERGIA ELÉCTRICA PARA CARREGAMENTO DE BATERIAS DE VEÍCULOS AUTOMÓVEIS ATRAVÉS DA PRESSÃO AERODINÂMICA POR SEMI-TÚNEL EXTERIOR
RO123260 B1 20110429	RO20060000519 20060703	GEORGESCU PETRICA LUCIAN [RO]	F03D9/00; F03D11/02	WIND ENERGY CONVERSION SYSTEM

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RO125330 B1 20110330	RO20080000690 20080908	INST NATIONAL DE CERCETARE DEZVOLTARE TURBOMOTOARE COMOTI [RO]	F03D3/04; F03B3/04; F03D9/00	IN-TUBE WIND TURBINE WITH VERTICAL AXIS
RO125463 B1 20110429	RO20080000852 20081105	IVASCU TOMA [RO]	F03D7/06	WATER TURBINE
RO125467 B1 20110330	RO20080000853 20081105	IVASCU TOMA [RO]	F03D7/02	WIND TURBINE
RO125728 B1 20110128	RO20090000212 20090310	BACIU PETRU [RO]	F03D3/06; F03D3/02	HIGHLY EFFICIENT WIND-ELECTRIC POWER STATION
RO125782 B1 20110228	RO20060000164 20060313	LUNGU CRISTIAN [RO]; BOTEA CIPRIAN CRISTIAN [RO]	F03D1/06	SPHERICAL WIND TURBINE
RS51353 B 20110228	AU2002PS02667 20020530	O'CONNOR ARTHUR BENJAMIN [AU]	F03D1/04; F03D1/00; F03D1/06; F03D11/00	IMPROVED TURBINE
RU2415296 C2 20110327	RU20090120779 20090601	FEDERAL NOE G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ORENBURGSKIY G AG [RU]	F03D1/00	WIND-DRIVEN POWER UNIT
RU2415297 C1 20110327	RU20090140198 20091102	SOLOV EV ALEKSANDR ALEKSEEVICH [RU]; CHEKAREV KONSTANTIN VLADIMIROVICH [RU]	F03D9/00; F23J11/00; F28C3/02	AERODYNAMIC PLANT
RU2415298 C1 20110327	RU20090138086 20091014	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ASTRAKHANSKIY GU AGU [RU]	F03D9/00	HEATING WIND-DRIVEN PLANT

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RU2416737 C1 20110420	RU20090137564 20091012	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA MO GU INZH EHKOLOGII [RU]	F03D1/04	WIND GENERATING PLANT
RU2416738 C1 20110420	RU20090138418 20091020	PAKHALOV VJACHESLAV VARTANOVICH [RU]	F03D3/00	WIND-DRIVEN POWER PLANT WITH WIND SCREEN MECHANISM FOR BLADES
SE0900663 A1 20110108	SE20090000663 20090707	RANDVER PONTUS [SE]	F03D9/00	Vindkraftverk
SE0950591 A1 20110219	SE20090050591 20090818	GE WIND ENERGY NORWAY AS [NO]	F03D7/02	Låsanordning för bladpitch
SE0950602 A1 20110225	SE20090050602 20090824	GE WIND ENERGY NORWAY AS [NO]	F03D7/02; G01R31/36	Kontrollsystem för vindturbin
SE0950727 A1 20110403	SE20090050727 20091002	AEGIR KONSULT AB [SE]	F03D7/02; F03D1/06	Vindturbin med turbinblad
SE0950864 A1 20110517	SE20090050864 20091116	VERTICAL WIND AB [SE]	E04H12/04; F03D11/04	Förfarande vid tillverkning av ett för ett vindkraftaggregat avsett torn och anordning för genomförande av förfarandet
SE0950903 A1 20110528	SE20090050903 20091127	VERTIKAL WIND AB [SE]	F03D11/02; F03D3/00	Vertikalaxlat vindkraftaggregat
SE0951033 A1 20110630	SE20090051033 20091229	VERTICAL WIND AB [SE]	F03D11/04; E04H12/34	Förfarande vid uppförande av ett vindkraftaggregat och anordning för genomförande av förfarandet
SG170818 A1 20110530	DE200610015527 20060331; DE200610016111 20060404; DE200610020752 20060503; DE200610045559 20060925; DE200610053180 20061109; WO2007EP51940 20070301	KLAUS WOLTER		METHOD, DEVICE AND SYSTEM FOR CONVERTING ENERGY
SI23122 A 20110228	SI20100000360 20101103	DERSTVEN AEK ANDREJ [SI]		WIND POWER PLANT WITH VERTICALLY ALTERNATELY MOUNTED BLADES

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SK1332010U U1 20110304	SK20100000133U 20100923	SAMAJ PAVOL [SK]	F03D9/00; F03D7/04	Method of kinetic energy utilization of wind velocity profile of ground flow and device for making the same
SK462009 A3 20110204	SK20090000046 20090713	BALARA MILAN [SK]		Method of obtaining mechanical energy from slow-flowing media-I
US201100064 0 A1 20110106	US20080809279 20081218; DK20070001859 20071221; US20070015832P 20071221; WO2008DK50320 20081218	VESTAS WIND SYS AS [DK]	F24H9/00	WIND TURBINE GENERATOR WITH A HEAT EXCHANGER
US201100131 9 A1 20110106	US20080741748 20081107; EP20070120177 20071107; US20070990858P 20071128; WO2008DK00395 20081107	VESTAS WIND SYS AS [DK]	F03D7/02	DIAGNOSIS OF PITCH AND LOAD DEFECTS
US201100132 0 A1 20110106	NL20082001190 20080116; WO2009NL50011 20090115	LAGERWEY WIND BV [NL]	H02K1/18; F03D9/00; H02K1/20; H02K5/18	GENERATOR FOR DIRECT DRIVE WIND TURBINE
US201100132 1 A1 20110106	WO2009IT00078 20090303; IT2008LI00002 20080331; IT2008LI00002U 20080304	TEGLIA GIOVANNI [IT]	F03D3/04	Wind-operated torque generator for producing electric power, designed to be installed on top of roofs of both sloping and flat type
US201100277 2 A1 20110106	EP20080001625 20080129; WO2009EP00385 20090122	COLLING CLAUS [DE]	F03D7/06; F01D5/08	CONTROL DEVICE AND METHOD FOR AN AERODYNAMIC BRAKE OF A WIND ENERGY CONVERTER

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US201100277 3 A1 20110106	WO2008JP53040 20080222	IKEDA KAIDOU [JP]	F03D7/00; B23P17/00; B23P23/04	CIRCULAR RING, ROTATING DUCT, SHROUD, TRUNK AND CYLINDRICAL EXTERNAL WALL PREPARED BY LAMINATION OF SHEET BELT, AND APPARATUS AND METHOD FOR PREPARING THE SAME
US201100278 1 A1 20110106	US20100793088 20100603; US20080054050 20080324; US20070919588P 20070323; US20090183597P 20090603	FLODESIGN WIND TURBINE CORP [US]	F03D1/04; B23P17/00; F03D11/00	WIND TURBINE WITH PRESSURE PROFILE AND METHOD OF MAKING SAME
US201100652 4 A1 20110113	US20090499886 20090709	CHOU CHUN-MU [TW]	F03D9/00; F03D7/00	WIND TURBINE WITH STABLE POWER OUTPUT
US201100652 8 A1 20110113	DE200810007448 20080201; WO2009EP50952 20090128	WOODWARD SEG GMBH & CO KG [DE]	H02P9/04	METHOD FOR OPERATING A WIND TURBINE
US201100653 5 A1 20110113	US20090455042 20090528	BAHARI HABIB [US]	F03D9/00	Clusters of small wind turbines a renewable energy technique
US201100653 6 A1 20110113	US20090499107 20090708	LIU KUO-SHEN [TW]	F03D9/00	HORIZONTAL AXIS WIND TURBINE WITH ROTATABLE TOWER
US201100653 7 A1 20110113	WO2008JP54655 20080313	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F16H1/20	SPEED-VARYING DEVICE AND WIND TURBINE GENERATOR SYSTEM

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US201100653 8 A1 20110113	US20080675022 20080827; DK20070001235 20070829; US20070966863P 20070830; WO2008DK50212 20080827	VESTAS WIND SYS AS [DK]	F03D11/04; E04B1/21; E04H12/00	MONOPILE FOUNDATION FOR OFFSHORE WIND TURBINE
US201100653 9 A1 20110113	NO20070005934 20071119; WO2008NO00412 20081119	WINDSEA AS [NO]	F03D9/00	Floating Wind Power Apparatus
US201100654 0 A1 20110113	US20100820257 20100622; US20090219949P 20090624	IGNATIEV ALEX [US]; SONG YANG [US]	F03D3/02; F03D9/00	DUAL-MODE ROADWAY TURBINES FOR ENERGY GENERATION FROM ARTIFICIAL PULSED VEHICLE WIND AND CONTINUOUS AMBIENT WIND
US201100654 2 A1 20110113	US20100853483 20100810	BURRELL IV JAMES W [US]	F03D9/00; F03D3/00	Helix Turbine System and Energy Production Means
US201100654 3 A1 20110113	CN20081020389 20080304; CN20091028373 20090122; WO2009CN00229 20090304	NANJING YUNENG INSTR CO LTD [CN]	F03D3/06; F03D9/00	WIND POWER SYSTEM
US201100816 4 A1 20110113	US20100779545 20100513; US20080054050 20080324; US20070919588P 20070323; US20090177901P 20090513	FLODESIGN WIND TURBINE CORP [US]	F03D1/04	WIND TURBINE

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US201100816 6 A1 20110113	US20100832384 20100708; DK20090070058 20090710; US20090225231P 20090714	VESTAS WIND SYS AS [DK]	F03D7/02; F16K31/02	HYDRAULIC STATION AND METHOD FOR CONTROLLING PRESSURE IN A HYDRAULIC SYSTEM OF A WIND TURBINE
US201100816 7 A1 20110113	US20090564905 20090922; US20090223651P 20090707	CUMMINGS CHRISTIAN [US]	F03D3/06	Hinged Sail Vertical-Axis Wind Generator for Residential Ground Operation
US201101236 0 A1 20110120	WO2008JP60590 20080610	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F03D11/04	WIND TURBINE GENERATOR AND METHOD FOR CONSTRUCTING THE SAME
US201101236 1 A1 20110120	US20090460211 20090716	LEE S PETER [US]	F03D9/00; B60K1/00; F03B13/26; H02K7/116	Integrated turbine generator/motor and method
US201101236 2 A1 20110120	JP20070302626 20071122; WO2008JP64581 20080814	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00; F03D9/00	WIND TURBINE GENERATOR
US201101236 4 A1 20110120	US20100827836 20100630; US20090494668 20090630	ABOLHASSANI MEHDI [US]; KEISTER THOMAS [US]; KARMAKER HARAN [US]; EDWARDS RYAN [US]; LEDEZMA ENRIQUE [US]; SKORCZ ALEX [US]	F03D9/00; H02J3/38	POWER CONVERTER FOR USE WITH WIND GENERATOR
US201101236 5 A1 20110120	DE200810013728 20080311; WO2008EP65056 20081106	BECKER MARKUS [DE]	F03D9/00; F03D11/02	WIND TURBINE FOR GENERATING ELECTRIC POWER

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US201101403 8 A1 20110120	US20100823220 20100625; US20090555446 20090908; US20080054050 20080324; US20080191358P 20080908; US20070919588P 20070323	FLODESIGN WIND TURBINE CORP [US]	F03D1/04; B23P15/00; F03D11/00	WIND TURBINE WITH SKELETON-AND-SKIN STRUCTURE
US201101404 8 A1 20110120	US20100816874 20100616; DK20090070031 20090616; US20090187295P 20090616	VESTAS WIND SYS AS [DK]	F03D11/00; B60T13/138; B60T13/14; B60T13/16; B60T13/18	HYDRAULIC SYSTEM AND METHOD FOR OPERATING A BRAKE OF A WIND TURBINE
US201101818 1 A1 20110127	EP20080006773 20080403; WO2009EP02320 20090331	NEKTAR THERAPEUTICS [US]	F16F1/387; B29C65/00; F03D11/04; F16F1/44	ELASTOMER COMPONENTS THAT CAN BE PRESTRESSED BY PRESSURE MEANS AND METHOD FOR THE PRODUCTION THEREOF
US201101827 9 A1 20110127	US20090460613 20090722	CHE HUE N [US]	F03D9/00; F03B13/00	Water and wind current power generation system
US201101828 0 A1 20110127	US20090508127 20090723	EXQUADRUM INC [US]	F03D9/00; F03D3/00	Orbital Track Wind Turbine
US201101828 1 A1 20110127	US20100899918 20101007; US20070863352 20070928	GEN ELECTRIC [US]	H02P9/04; F03D9/00	SYSTEM AND METHOD FOR CONTROLLING TORQUE RIPPLES IN SYNCHRONOUS MACHINES
US201101828 2 A1 20110127	WO2008JP64161 20080806	MITSUBISHI HEAVY IND LTD [JP]	F03D9/00; F01D5/14	WIND TURBINE BLADE AND WIND POWER GENERATOR USING THE SAME

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US2011018283 A1 20110127	NO20080000229 20080114; WO2009NO00008 20090108	HAUGHOM PER OLAV [NO]	F03D11/02; H02K7/116	WIND TURBINE DEVICE
US2011020107 A1 20110127	US20100793430 20100603; US20070919588P 20070323; US20080054050 20080324; US20090183580P 20090603	FLODESIGN WIND TURBINE CORP [US]	F03B15/06; B29C41/02; B29C41/06	MOLDED WIND TURBINE SHROUD SEGMENTS AND CONSTRUCTIONS FOR SHROUDS
US2011020110 A1 20110127	US20100845827 20100729; US20090574208 20091006; US20080195307P 20081006	FLODESIGN WIND TURBINE CORP [US]	F03D9/00	WIND TURBINE WITH REDUCED RADAR SIGNATURE
US2011020123 A1 20110127	US20090509236 20090724	WINFIN INC [US]	F03D7/06	Wind Turbine with Adjustable Airfoils
US2011020133 A1 20110127	US20100897048 20101004; US20080271235 20081114; US20060431937 20060510	MILLER JAMES W [US]	F03D1/00	TORSION BLADE PIVOT WINDMILL

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US201102013 4 A1 20110127	US20080808787 20081219; DK20070001840 20071220; DK20070001860 20071221; US20070009053P 20071220; US20070008701P 20071221; WO2008DK50328 20081219	VESTAS WIND SYS AS [DK]	F03D11/00; B23P15/04; H02G13/00	LIGHTNING RECEPTORS COMPRISING CARBON NANOTUBES
US201102113 4 A1 20110127	US20090508508 20090723	ZWERN ARTHUR LOUIS [US]	F24F7/06; F03D9/00; F03D9/02; F24J2/00	MULTI-FUNCTION VENTILATION AND ELECTRICAL SYSTEM
US201102505 6 A1 20110203	US20100901593 20101011; US20070956529 20071214	CRIPPS JEFFREY L [US]	H02K7/18; F03B13/00; F03B13/26; F03D9/02	ELECTRIC POWER GENERATING SYSTEM
US201102506 2 A1 20110203	ES20080001073 20080415; WO2009ES70099 20090414	LLOMBART ESTOPINAN ANDRES [ES]; GUTIERREZ ARDANAZ ROBERTO [ES]; GUERRERO CAMPO JOSE JESUS [ES]; BELTRAN MARTINEZ FRANCISCO JAVIER [ES]; SALLAN ARASANZ JESUS [ES]; PUEYO RUFAS CARLOS [ES]	H02P9/04	SYSTEM FOR EVALUATING AND CONTROLLING THE EFFICIENCY OF A WIND TURBINE
US201102506 4 A1 20110203	KR20090069447 20090729	PARK SUNGHEE [KR]	F03D9/02	WIND POWER GENERATION SYSTEM AND METHOD USING STACK EFFECT OF HIGH-SPEED ELEVATOR IN HIGH-RISE BUILDING

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US201102507 0 A1 20110203	US20100658744 20100216; WO2009US04413 20090731; US20090584984 20090916	PRICE ARNOLD [US]	F03D3/00	Utility grid vertical axis wind turbine system
US201102706 2 A1 20110203	US20090510260 20090728	ABUNDANT ENERGY LLC [US]	F03D3/04	SYSTEM AND METHOD FOR IMPROVED WIND CAPTURE
US201102706 7 A1 20110203	US20100794423 20100604; US20090555446 20090908; US20080054050	FLODESIGN WIND TURBINE CORP [US]	F03D11/00	COATED SHROUDED WIND TURBINE
US201102707 9 A1 20110203	US20090511170 20090729	CORRADO MICHAEL L [US]	F03D3/06; F03D9/00; F03D11/00	Method and Apparatus for Capturing Wind to Produce Electrical Power
US201102708 4 A1 20110203	US20100846324 20100729; US20090230425P 20090731	REKRET ANDREW [CA]	F03D3/02; F03D3/06; F03D11/02; F03D11/04	NOVEL TURBINE AND BLADES
US201102708 7 A1 20110203	US20080672745 20080808; US20070954747P 20070808; WO2008CA01446 20080808	ART TURBINE INC [CA]	F03B3/12; F03D3/00	Transverse-Axis Turbine With Twisted Foils
US201102708 9 A1 20110203	US20090462149 20090730	SCARPELLI TADD M [US]	F03D3/00	Turbine assembly and energy transfer method

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US201102709 5 A1 20110203	US20080808785 20081028; DK20070001839 20071220; US20070009054P 20071220; WO2008DK50265 20081028	VESTAS WIND SYS AS [DK]	F03D11/00; D04H3/08	METHOD OF MANUFACTURING A COMPOSITE PART FROM RESIN-PREIMPREGNATED FIBRES
US201102710 0 A1 20110203	US20090512688 20090730	CUMMANE DANIEL FRANCIS [US]; WRIGHT VICTORIA SHERRY [US]	F03D11/04; B23P11/00	MOBILE WIND POWER STATION
US201103104 3 A1 20110210	US20090537051 20090806	ARMANI SARA [CA]; ALVI ARMANI ANTONIO [CA]; ARMANI FERNANDO [CA]	B60L8/00; F03D9/00; H02J7/32	SELF-CHARGING ELECTRICAL CAR WITH WIND ENERGY RECOVERY SYSTEM
US201103134 4 A1 20110210	US20100907883 20101019; US20100702686 20100209; US20080175416 20080717; US20070950149P 20070717	BASELOAD ENERGY INC [US]	B64C27/06	HIGH VOLTAGE FLYING APPARATUS EMPLOYING MULTIPLE MOTORS
US201103175 5 A1 20110210	WO2008JP60593 20080610	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND TURBINE GENERATOR
US201103175 6 A1 20110210	US20080747154 20081210; US20070007282P 20071212; WO2008US13586 20081210	WINDSPIRE ENERGY INC [US]	F03D9/00	SELF-STARTING DARRIEUS WIND TURBINE

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US201103175 7 A1 20110210	US20100805315 20100726; JP20090182401 20090805; US20090272002P 20090806	NITTO DENKO CORP [JP]	F03D9/00; B23P6/00; F04D29/38	Vibration damping sheet for wind power generator blades, vibration damping structure of wind power generator blade, wind power generator, and method for damping vibration of wind power generator blade
US201103175 8 A1 20110210	US20100805319 20100726; JP20090182402 20090805; US20090272004P 20090806	NITTO DENKO CORP [JP]	F03D9/00; B21K3/04; F03B3/12	Reinforcing sheet for wind power generator blades, reinforcing structure of wind power generator blade, wind power generator, method for reinforcing the wind power generator blade
US201103175 9 A1 20110210	US20100805320 20100726; JP20090182403 20090805; US20090272003P 20090806	NITTO DENKO CORP [JP]	F03D9/00; B21K3/04; F03B3/12	Foam filling material for wind power generator blades, foam filling member for wind power generator blades, wind power generator blade, wind power generator, and method for producing the wind power generator blade
US201103176 0 A1 20110210	US20100905723 20101015; WO2009US40667 20090415; US20080045037P 20080415	SONIC BLUE AEROSPACE INC [US]	F03D9/00; B64C27/615; F03D3/00; F03D3/02; F03D3/04	SUPERCONDUCTING TURBINE WIND RING GENERATOR
US201103176 1 A1 20110210	US20100907259 20101019; US20090623670 20091123; US20080019893 20080125	DEANGELES STEVEN J [US]	F03D9/00; H02P9/02	Momentum-Conserving Wind-Driven Electrical Generator
US201103176 2 A1 20110210	DE200810018748 20080414; WO2009EP02728 20090414	REPOWER SYSTEMS AG [DE]	F03D9/00	WIND ENERGY SYSTEM HAVING A CONNECTION PROTECTION DEVICE

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US201103176 3 A1 20110210	EP20080388016 20080421; WO2009EP54729 20090421	LM GLASFIBER AS [DK]	F03D9/00	UPWIND WIND TURBINE WITH BLADES SUPPORTED ON THE LEEWARD SIDE
US201103328 8 A1 20110210	US20090535771 20090805	PEZARIS CONSTANTINE D [US]	F03D3/04	OMNIDIRECTIONAL VERTICAL-AXIS WIND TURBINE
US201103329 1 A1 20110210	US20090534856 20090804	ABUNDANT ENERGY LLC [US]	F03D11/02; F03D3/00	ENERGY TRANSFER SYSTEM
US201103329 3 A1 20110210	US20090538225 20090810	CAVALIERI LINCOLN JOSEPH [US]	F03D1/00; F03D11/00	Retractable Wind Turbine
US201103329 4 A1 20110210	US20090536325 20090805	GEISER HELMUTH A [US]	F03D7/06	BLADE PITCH REGULATING HUB AND SPEED REGULATING GEAR FOR WIND DRIVEN POWER GENERATORS
US201103329 5 A1 20110210	US20100688786 20100115; US20090440915 20090311; WO2007US19816 20070911; US20060518966 20060911	CREATEMAN PHILLIP [US]	F03D1/02	Fluid-propelling device having collapsible counter-rotating impellers
US201103329 9 A1 20110210	EP20090447040 20090810	HANSEN TRANSMISSIONS INT [BE]	F03D11/02; F16H1/08; F16H1/28	PARALLEL GEAR UNIT FOR A GEARBOX FOR A WIND TURBINE
US201103506 8 A1 20110210	EP20080011961 20080702; WO2009EP57044 20090608	JENSEN MICHAEL [DK]	G06F1/28	Wind Turbine Configuration Management System, and Central Computer System Therefor
US201103726 1 A1 20110217	US20090539114 20090811	KTCR HOLDING INC [US]	F03D9/02; F03D3/00; F03D7/00	System And Method For Producing Electrical Power

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US201103726 7 A1 20110217	DE200710043503 20070912; WO2008EP60843 20080819	KESTERMANN HERMANN [DE]; ZWARTJES CATHRIN [DE]	F03D9/00; A47B81/00	SWITCHGEAR CABINET FOR A WIND TURBINE
US201103726 8 A1 20110217	US20100820130 20100621; US20090219347P 20090622	SAMMY JOHANN QUINCY [US]	F03D9/00	Adaptive Control Ducted Compound Wind Turbine
US201103727 1 A1 20110217	US20090988327 20090420; US20080071287P 20080421; WO2009IL00428 20090420	COROLIS WIND INC [US]	F03D9/00; F03D3/02; F03D11/04	WIND TURBINE SYSTEM AND MODULAR WIND TURBINE UNIT THEREFOR
US201103870 5 A1 20110217	DK20080000167 20080206; DK20080000811 20080612; WO2009DK00033 20090206	OXYDICE AS [DK]	F03D11/04	DEVICE FOR CONVERTING WAVE ENERGY INTO MECHANICAL ENERGY
US201103872 6 A1 20110217	US20090541590 20090814	ELKIN BENJAMIN T [US]; ELKIN BRENT T [US]	F03D7/00	INDEPENDENT VARIABLE BLADE PITCH AND GEOMETRY WIND TURBINE
US201103872 8 A1 20110217	US20090541603 20090814	ELKIN BENJAMIN T [US]; ELKIN BRENT T [US]	F03D1/02; F03D3/02; F03D7/00	INDEPENDENT VARIABLE BLADE PITCH AND GEOMETRY WIND TURBINE
US201103872 9 A1 20110217	US20100853377 20100810; US20090233066P 20090811	ECOTEMP INTERNATIONAL INC [CA]	F03D11/00	WIND TURBINES
US201104295 2 A1 20110224	JP20070297107 20071115; WO2008JP03187 20081105	UNIV KYUSHU NAT UNIV CORP [JP]	H02K7/18; F03B11/02; F03D9/00	FLUID MACHINE, WIND TURBINE, AND METHOD FOR INCREASING VELOCITY OF INTERNAL FLOW OF FLUID MACHINE, UTILIZING UNSTEADY FLOW

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US201104295 8 A1 20110224	US20070891737P 20070227; WO2008CA00358 20080227; US20080528863 20080227	VAXSIS INC [CA]	F03D3/00; F03D9/00; F03D11/04	COLLAPSIBLE VERTICAL-AXIS TURBINE
US201104295 9 A1 20110224	US20090546057 20090824	KELLY SAMUEL THOMAS [US]	F03D9/02	Wind Energy Conversion Apparatus
US201104296 1 A1 20110224	NL20081035278 20080410; WO2009NL00088 20090409	BRESTAC HOLDING BV [NL]	F03D9/00; H02K21/12	DEVICE FOR GENERATING POWER
US201104296 2 A1 20110224	KR20080075358 20080731; WO2009KR04313 20090731	CYGNUS POWER CO LTD [KR]	F03D9/00	VERTICAL SHAFT TYPE DARIUS WINDMILL
US201104296 5 A1 20110224	GB20080003119 20080221; GB20080007388 20080423; GB20080010096 20080603; GB20080010097 20080603; GB20080013173 20080718; WO2009GB00477 20090220	MAGNOMATICS LTD [GB]	H02K7/116; F03D9/00	WIND TURBINE POWER TRAIN
US201104306 5 A1 20110224	US20090543153 20090818	NORTHERN POWER SYSTEMS INC [US]	H02K1/30; F03D9/00; H02K15/03	Method and Apparatus For Permanent Magnet Attachment In An Electromechanical Machine
US201104481 1 A1 20110224	US20090544447 20090820	BERTOLOTTI FABIO P [US]	F03D7/04	WIND TURBINE AS WIND-DIRECTION SENSOR

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US201104988 8 A1 20110303	JP20080248556 20080926; WO2009JP66513 20090924	NAKAYAMA SHIN [JP]	H02P9/04; G01L1/00; G06F19/00	STRESS ANALYSIS DEVICE FOR WIND-TURBINE STRUCTURE, COMPUTER-READABLE STORAGE MEDIUM STORING STRESS ANALYSIS PROGRAM, AND WIND TURBINE GENERATOR SYSTEM
US201104988 9 A1 20110303	US20100940737 20101105; JP20040002559 20040108; US20090553832 20090903; US20080042257 20080304; US20070679759 20070227; US20060475416 20060627; US20040996645 20041123	HITACHI LTD [JP]	F03D9/00; H02P9/04; F02C6/00; F03D7/00; F03D7/02; G05F5/00; H02P9/00; H02P9/08; H02P9/14; H03B5/00	WIND TURBINE GENERATOR SYSTEM
US201104989 0 A1 20110303	EP20080156209 20080514; WO2009EP55736 20090512	ECOTECNIA EN RENOVABLES S L [ES]	H02P9/04	Method of reducing torsional oscillations in the power train of a wind turbine
US201104990 2 A1 20110303	US20100807113 20100828; US20090275404P 20090828	MIEKKA FRED NOAH [US]; CONKLIN WILLIAM R [US]	F03D9/00	Air cooled brushless wind alternator
US201104990 3 A1 20110303	US20080809379 20081217; DK20080000289 20080228; US20070009594P 20071228; WO2008EP67696 20081217	VESTAS WIND SYS AS [DK]	F03D9/00; F03D7/04	APPARATUS AND METHOD FOR OPERATING A WIND TURBINE UNDER LOW UTILITY GRID VOLTAGE CONDITIONS

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US201104990 5 A1 20110303	US20100873534 20100901; US20090239019P 20090901	UNIV SOUTHERN CALIFORNIA [US]	F03D9/00	GENERATION OF ELECTRIC ENERGY USING CABLE-SUPPORTED WINDMILLS
US201105236 8 A1 20110303	US20100861451 20100823; DK20090070098 20090825; US20090237708P 20090828	VESTAS WIND SYS AS [DK]	F04D27/02	METHOD AND A SYSTEM FOR ADJUSTING ALARM LEVEL OF A COMPONENT IN A WIND TURBINE
US201105236 9 A1 20110303	US20060499538 20060804; US20030471672 20030911	MICHAUD LOUIS [CA]	F03D7/06	ENHANCED VORTEX ENGINE
US201105237 9 A1 20110303	DE200810013170 20080307; WO2009EP01671 20090309	LINK TORSTEN [DE]	F03D11/00; B01F15/04	METHOD FOR MONITORING A MIXTURE OF AT LEAST TWO COMPONENTS
US201105240 0 A1 20110303	US20090584038 20090831	KHAN SARBULAND [US]	F03D1/06	Horizontal axis wind turbine (HAWT)
US201105240 3 A1 20110303	JP20080227372 20080904; WO2009JP64879 20090826	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND-TURBINE BLADE
US201105240 7 A1 20110303	US20090547252 20090825	ZUTECK MICHAEL D [US]	F03D1/06; B29C39/02	SWEPT BLADES UTILIZING ASYMMETRIC DOUBLE BIASED FABRICS
US201105240 8 A1 20110303	US20090547402 20090825	ZUTECK MICHAEL D [US]	F03D11/00; B29C45/14	SWEPT BLADES UTILIZING ASYMMETRIC DOUBLE BIASED FABRICS

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US201105744 3 A1 20110310	US20070293352 20070228; US20060477593 20060630; US20060783029P 20060317; WO20071B02783 20070228	RIVAS GREGORIO [ES]; GARMENDIA IKER [ES]; ELORRIAGA JOSU [ES]; MAYOR JESUS [ES]; BARBACHANO JAVIER PEREZ [ES]; SOLE DAVID [ES]; ACEDO JORGE [ES]	F03D7/02; F03D9/00	COLLECTOR ANTI-WEARING AND LUBRICATION SYSTEM FOR VARIABLE SPEED WIND TURBINE
US201105745 0 A1 20110310	US20090556794 20090910	REID GARY DEAN [US]	F03D9/00	WIND ASSISTED ELECTRIC VEHICLE
US201105745 1 A1 20110310	US20090570980 20090930	VOLMER MATTHIAS ALFONS [DE]; SUBRAMANIAN SHANMUGA-PRIYAN [DE]	F03D9/00	YAW BEARING ASSEMBLY FOR USE WITH A WIND TURBINE AND A METHOD FOR BRAKING USING THE SAME
US201105745 2 A1 20110310	AU20070903448 20070627; WO2008AU00951 20080627	INTERLANDI ANTONY GLENN [AU]; ELLIS RONALD ALAN [AU]	F03D9/00; F04D1/00	WIND TURBINE HAVING AN AIRFLOW DEFLECTOR
US201105745 3 A1 20110310	US20100714070 20100226; US20090155561P 20090226	ROBERTS BRYAN WILLIAM [AU]	F03D9/00; B64C31/06	TETHERED AIRBORNE WIND-DRIVEN POWER GENERATOR
US201105893 6 A1 20110310	ZA20090006149 20090904	VAN WYK COENRAAD HENDRIK [ZA]	F03D3/04; F03D11/00	TURBINE DUCT ARRANGEMENT
US201105893 7 A1 20110310	US20100793931 20100604; US20080054050 20080324; US20070919588P 20070323; US20090184026P 20090604	FLODESIGN WIND TURBINE CORP [US]	F03D1/04; F03D11/00	NACELLE CONFIGURATIONS FOR A SHROUDED WIND TURBINE

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US201105894 4 A1 20110310	US20090554884 20090905	ZUTECK MICHAEL D [US]	F03D11/04; B23P11/00	Hybrid Multi-Element Tapered Rotating Tower
US201106129 5 A1 20110317	US20100857553 20100816; WO2010US24497 20100217; WO2010US24498 20100217; WO2010US24499 20100217; US20100707651 20100217; US20100707653 20100217; US20100707656 20100217; US20100304403P 20100213; US20090153253P 20090217; US20090237476P 20090827	MCALISTER TECHNOLOGIES LLC [US]	A01G31/00; A01G1/00; A01G9/00; A01H13/00; A01K1/00; A01K61/00; B65G5/00; E21B43/00; F02B73/00; F03D11/00; F03G6/00; F03G7/00	SUSTAINABLE ECONOMIC DEVELOPMENT THROUGH INTEGRATED PRODUCTION OF RENEWABLE ENERGY, MATERIALS RESOURCES, AND NUTRIENT REGIMES
US201106271 6 A1 20110317	DK20070000171 20070201; WO2008DK00046 20080201	ZEUTHEN KRISTOFFER [DK]; ZEUTHEN STEFFEN [NO]; BERGH SIRI [NO]	F03D3/00; F03D9/00; H02K7/09	ROTATION MAGNETIC BEARING WITH PERMANENT MAGNETS, PREFERABLY FOR A WIND TURBINE
US201106271 7 A1 20110317	US20090584984 20090916	PRICE JR ARNOLD [US]	F03D9/00; F03D3/00	Urility grid vertical axis wind turbine system
US201106271 8 A1 20110317	US20090585524 20090917	FERNANDEZ-BUENO CARLOS [US]	F03D9/00	Generator platform & drive assembly for alternative power production from aermotor and similar design windmills

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US201106272 0 A1 20110317	DE200810023247 20080513; WO2009EP03325 20090511	SUZLON ENERGY GMBH [DE]	F03D11/00; H05K7/20	CONTROL BOX FOR A WIND TURBINE
US201106457 4 A1 20110317	US20100732954 20100326; US20090243108P 20090916	LANGE WILLIAM G [US]	F03D3/02; F03D3/00; F03D11/00; F03D11/02	METHOD AND APPARATUS FOR EXTRACTING FLUID MOTION ENERGY
US201106457 6 A1 20110317	US20100882253 20100915; US20090276871P 20090917	LIU TIANSHU [US]	F03D5/06	Wind Oscillator for Power Generation
US201106457 8 A1 20110317	US20090558861 20090914	BERTOLOTTI FABIO P [US]	F03D1/06; F03D11/04	WIND TURBINE WITH HIGH SOLIDITY ROTOR
US201106795 7 A1 20110324	EP20080156520 20080520; WO2009EP55946 20090515	SOLVAY SOLEXIS SPA [IT]	F16N7/00; C07C43/12; C07F9/547; F03D11/00; F16N7/26; F16N7/38	Method for lubricating wind turbine gearbox
US201106858 1 A1 20110324	US20090563317 20090921	LOWERY JERRY [US]	F03D9/00	Rotating Doors Wind Machine
US201106858 2 A1 20110324	US20090563666 20090921	DUGAS PATRICK J [US]	F03D9/02	MULTI-STACK FLYWHEEL WIND ASSEMBLY
US201106858 3 A1 20110324	US20090566405 20090924	GEN ELECTRIC [US]	F03D9/00; F16H57/08	ROTOR-SHAFT INTEGRATED GENERATOR DRIVE APPARATUS

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US201106858 4 A1 20110324	US20100906910 20101018; US20090618560 20091113; US20090227706P 20090722	OSCILLA POWER INC [US]	H02N2/18; F03D9/00	METHOD AND DEVICE FOR ENERGY GENERATION
US201106872 9 A1 20110324	US20100949318 20101118; US20090432837 20090430; US20090481817 20090610; US20090492187 20090626; US20090499206 20090708; US20090607440 20091028; US20090264931P 20091130	BARBER GERALD L [US]	H02K23/44	Wind Turbine with Adjustable Electrical Generator
US201107006 5 A1 20110324	US20090586376 20090922	LU MIKE XIAOLEI [US]	F03D1/02	Wind energy device with increased wind speed feature
US201107006 6 A1 20110324	US20100856693 20100816; US20090568091 20090928	FREIEZO LLC [US]	F03D7/06	FLUID TURBINE DEVICES AND METHODS RELATED TO FLUID TURBINE DEVICES
US201107006 7 A1 20110324	US20090585590 20090918	CALDWELL DENNIS P [US]	F03D7/06; F03D11/00	Wind turbine
US201107006 8 A1 20110324	US20100856695 20100816; US20090568091 20090928	FREIEZO LLC [US]	F03D7/06; F03D3/00; F03D11/02	FLUID TURBINE DEVICES AND METHODS RELATED TO FLUID TURBINE DEVICES

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US201107007 1 A1 20110324	US20090586337 20090921	QUALITICS INC [US]	F03D7/06; F03D3/04	Vortical wind energy apparatus
US201107415 3 A1 20110331	DE200910041919 20090917	FELDMEIER GUENTER [DE]; BRAUN HORST [DE]; LAMPERT ZOLTAN [DE]; SCHNURPFEIL THOMAS [DE]	F03D9/00; H01R11/00; H01R13/02; H01R13/40; H01R13/52; H01R43/20	Electrical contact element for high-current plug connectors and manufacturing method
US201107415 5 A1 20110331	US20100959624 20101203	SCHOLTE-WASSINK HARMUT [DE]	F03D7/04; E02D5/74; F03D9/00	FLOATING OFFSHORE WIND FARM, A FLOATING OFFSHORE WIND TURBINE AND A METHOD FOR POSITIONING A FLOATING OFFSHORE WIND TURBINE
US201107614 2 A1 20110331	US20090570396 20090930	VELDKAMP BART [NL]; HESSEL CHRISTOPH [DE]; NIES JACOB [NL]; HOFFMANN TILL [DE]	F03D7/04	METHOD FOR REDUCING VIBRATIONS IN WIND TURBINES AND WIND TURBINE IMPLEMENTING SAID METHOD
US201107614 4 A1 20110331	US20100862537 20100824; US20090236773P 20090825; US20090239207P 20090902; US20090261601P 20091116	LUCAS JEFFREY M [US]	F03D5/06; F04D25/10	Fluid Interacting Device
US201107614 5 A1 20110331	US20090568957 20090929	HONG CHEN-MING [TW]	F03D11/00; F03D1/00	HIGH EFFICIENT COMPOUNDED WIND POWER SYSTEM
US201107614 6 A1 20110331	US20090586998 20090930	FALCONE ANDREW J [US]; ANDERSON CLARK DAVID [US]; MASCARENHAS BRENDAN SAVIO [US]; ROCKY DREW M [US]; LEACH DAVID HINMAN [US]; MARVIN RUSSEL HUGH [US]	F03D1/02; F03D11/04	Wind turbine electrical generating system with combined structural support members and straightening vanes

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US201107614 7 A1 20110331	US20090570566 20090930	GEN ELECTRIC [US]	F03D1/06; B21D22/00; B23P15/00; F03D3/06	Multiple Alloy Turbine Rotor Section, Welded Turbine Rotor Incorporating the Same and Methods of Their Manufacture
US201107614 9 A1 20110331	US20090569251 20090929	SANTIAGO PEDRO LUIS BENITO [DE]; SEGOVIA EUGENIO YEGRO [ES]	F03D11/00; B23P15/04	SYSTEMS AND METHODS OF ASSEMBLING A ROTOR BLADE EXTENSION FOR USE IN A WIND TURBINE
US201108000 3 A1 20110407	US20090574311 20091006	SMITH EDWARD VICTOR [US]	F03D9/00; F03D11/02	AEROGENERATOR
US201108000 4 A1 20110407	US20090736722 20090504; US20080126685P 20080506; WO2009US42736 20090504	HADI ALTAF [US]	F03D9/00	RENEWABLE ENERGY GENERATION ECO SYSTEM
US201108122 6 A1 20110407	US20100965662 20101210; DE20031023785 20030523; US20060558041 20061106; WO2004EP05164 20040514	WOBLEN ALOYS [DE]	F04D27/02; F03D7/04; F03D11/00; F04D29/00	METHOD FOR OPERATING A WIND TURBINE
US201108124 3 A1 20110407	US20090587168 20091002	SULLIVAN JOHN T [US]	F03D3/02; F03D11/00	Helical airfoil wind turbines
US201108124 7 A1 20110407	US20100895331 20100930; DK20090001073 20091001; US20090247758P 20091001	VESTAS WIND SYS AS [DK]	F03D11/00	Wind Turbine Blade

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US201108448 6 A1 20110414	WO2008JP68396 20081009	MITSUBISHI HEAVY IND LTD [JP]	H02P9/04	OFF-SHORE WIND TURBINE GENERATOR AND OFF-SHORE WIND FARM
US201108448 9 A1 20110414	US20090577393 20091012	KAPLAN MORRIS [US]	F03B13/00; F03D9/00	APPARATUS FOR HARVESTING ENERGY FROM FLOW-INDUCED OSCILLATIONS AND METHOD FOR THE SAME
US201108449 1 A1 20110414	IT2009MI00572 20090409	WILIC S AR L [LU]	F03D9/00	WIND POWER TURBINE
US201108449 3 A1 20110414	US20100903164 20101012; US20090577392 20091012	KAPLAN A MORRIS [US]	F03D5/06; F03D9/00	Device and method for harvesting energy from flow-induced oscillations
US201108449 4 A1 20110414	US20100903350 20101013; US20090250982P 20091013	ANDUJAR JUAN [US]	F03D9/02	Vertical Axis Hydro Kinetic Wind Turbine
US201108590 1 A1 20110414	US20100914509 20101028; US20080054050 20080324; US20100749341 20100329; US20090629714 20091202; US20090425358 20090416; US20080053695 20080324; US20100332722P 20100507; US20070919588P 20070323; US20080119078P 20081202	PRESZ JR WALTER M [US]; WERLE MICHAEL J [US]; DOLD ROBERT [US]; HICKEY TIMOTHY [US]; KENNEDY III THOMAS J [US]	F03D5/00	SHROUDED WIND TURBINE WITH SCALLOPED LOBES

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US201108590 9 A1 20110414	US20090577167 20091010	CHAPMAN MALCOLM G [US]	F03D3/00; F03D11/00	VERTICAL AXIS WIND TURBINE APPARATUS
US201108838 2 A1 20110421	SE20080001598 20080704; WO2009SE50351 20090403	WINFOOR AB [SE]	F15B13/00; F03D5/06; F03D7/00; F03D11/00; F04B17/02	DEVICE AND METHOD FOR CONVERTING WIND ENERGY
US201108969 2 A1 20110421	CA20062564494 20061018; WO2007CA01842 20071018	BORALEX INC [CA]	F03D7/04	System and Method for Controlling a Wind Turbine
US201108969 4 A1 20110421	WO2008JP68764 20081016	MITSUBISHI HEAVY IND LTD [JP]	H02P9/04	WIND TURBINE GENERATOR SYSTEM AND CONTROL METHOD OF THE SAME
US201108969 8 A1 20110421	US20090460778 20090724	AHMADI WILLIAM [US]	F03D9/00; H01L31/042	Combination solar and dual generator wind turbine
US201108970 0 A1 20110421	US20100906037 20101015; US20090252631P 20091016	TULLY KEITH ALAN [US]	F03D9/00; F03D3/04; F03D11/04; G09F19/00	WALL MOUNTED WIND TURBINE AND METHODS OF USE AND INSTALLATION
US201108970 2 A1 20110421	US20100977014 20101222	BOREN DAVID [US]; BOREN JONATHAN [US]; KREIPL DWAYNE [US]	F03D9/00; F01D25/24	FLUIDKINETIC ENERGY CONVERTER
US201109132 1 A1 20110421	US20100904071 20101013; US20090251229P 20091013; US20100384675P 20100920	BAKER MYLES L [US]; ARENDT CORY P [US]; DAHLIN ANDREW [US]; MOSTOUFI MEHRDAD [US]; ROUGHEN KEVIN M [US]	F03D7/00; F03D11/00; G01L1/22	SYSTEMS AND METHODS FOR MONITORING WIND TURBINE OPERATION
US201109132 5 A1 20110421	US20100856797 20100816; US20090252696P 20091018	FARIS SADEG M [US]	F03D11/00; B23P15/02; B23P19/00	Tool and Method for Rapid Design and Reduction of Rotor Mass

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US201109214 8 A1 20110421	US20090581117 20091017	ZIBAFAR JAVAD [IR]	F23L17/02	Wind-Powered Ventilator That Creates Positive and Negative Pressures
US201109553 1 A1 20110428	US20100928827 20101220; US20070810401 20070605; US20060812466P 20060610; US20060850613P 20061010	MENGES PAMELA A [US]	F03D7/06; F02B73/00; F03D9/00	Wind generator with energy enhancer element for providing energy at no wind and low wind conditions
US201109553 6 A1 20110428	US20090605097 20091023	BRIDWELL RANDOLPH E [US]	F03D9/00; F03D11/00	Fluid Responsive Energy Generator
US201109553 8 A1 20110428	US20090607086 20091028	TABE JOSEPH AKWO [US]	F03D9/00	WIND AND HYDROPOWER PLANT
US201109553 9 A1 20110428	US20100914554 20101028; DK20090070177 20091028; US20090255688P 20091028	VESTAS WIND SYS AS [DK]	F03D9/00; F28D15/00	Cooling system for a wind turbine
US201109720 0 A1 20110428	TW20090219906U 20091028	TAI CHANG-HSIEN [TW]; HSU UZU-KUEI [TW]	F03D3/04; F03D9/00; F03D11/02	WIND POWER TURBINE
US201109720 7 A1 20110428	US20090605420 20091026	WU CHAO-CHENG [TW]; HO JYH-NAN [TW]	F03D7/00	PRESSURE RELIEF DEVICE
US201109721 2 A1 20110428	US20090997939 20090616; US20080061795P 20080616; WO2009US47465 20090616	THOMPSON WENDY L [US]; SCHULTZ WILLIAM J [US]; KROPP MICHAEL A [US]; SETH JAYSHREE [US]; GOETZ DOUGLAS P [US]; HINE ANDREW M [US]	F03D11/00; C08L63/00; C09D163/00; C09J163/00	TOUGHENED CURABLE COMPOSITIONS

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US201110168 8 A1 20110505	US20090590194 20091104	MCDUFFIE JOHN MICHAEL [US]	F03D7/04; F03D9/00	Multi purpose variable speed wind powered generator
US201110169 2 A1 20110505	US20090999638 20090716; US20080081050P 20080716; WO2009CA00995 20090716	BILANIUK NYKOLAI [CA]	F03D7/00; F03D9/00	AIRBORNE WIND POWERED GENERATOR
US201110169 4 A1 20110505	US20090610002 20091030	COWAP STEPHEN F [US]	F03D11/00; F03D7/02; F03D9/00	SELF ORIENTING VERTICAL AXIS WIND TURBINE
US201110169 8 A1 20110505	US20090590191 20091104	SALUCCIO RAYMOND [US]	F03D9/00; H02J7/35	Wind powered vehicle
US201110394 2 A1 20110505	US20100771898 20100430; US20090256174P 20091029; US20090256474P 20091030	GREEN ELECTRIC COMPANY INC [US]	F03D3/04; F03D3/02; F03D11/00	WIND ENERGY SYSTEM
US201110395 0 A1 20110505	US20090612501 20091104	GEN ELECTRIC [US]	F03D7/04; F03D11/00	SYSTEM AND METHOD FOR PROVIDING A CONTROLLED FLOW OF FLUID TO OR FROM A WIND TURBINE BLADE SURFACE
US201110395 2 A1 20110505	US20100961792 20101207	GEN ELECTRIC [US]	F03D7/00; F03D11/00	WIND TURBINE ROTOR BLADE WITH VARIABLY ACTUATABLE POROUS WINDOW
US201110395 3 A1 20110505	US20090613287 20091105	HAANS WOUTER [NL]; NIES JACOB JOHANNES [NL]	F03D7/02; B23P15/04; F03D1/06	SYSTEMS AND METHOD OF ASSEMBLING AN AIR DISTRIBUTION SYSTEM FOR USE IN A ROTOR BLADE OF A WIND TURBINE
US201110395 4 A1 20110505	IT2007TO00833 20071121; WO2008IT00699 20081110	VERGNANO GIOVANNI [IT]	F03D11/02; B65H54/00; B66D1/08; B66D1/74; F16H7/02	POWER TRANSMITTING SYSTEM THROUGH CABLES FOR AIRBORNE WIND-TYPE POWER GENERATION AND SAIL WINCH-DRIVING APPLICATIONS

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US201110395 5 A1 20110505	US20090610305 20091031	DESAULNIERS JERRY [CA]	F03D1/06	CONICAL FRUSTUM WIND TURBINE
US201110396 3 A1 20110505	DE200910046293 20091102	REPOWER SYSTEMS AG [DE]	F04D29/38	ROTOR BLADE WITH DRAINAGE BORE HOLE
US201110396 4 A1 20110505	DK20080000470 20080331; WO2009DK50063 20090319	VESTAS WIND SYS AS [DK]	F03D11/00; B29C53/82; B65H81/06	METHOD OF MANUFACTURING A LAMINATED COMPOSITE ITEM BY A WINDING PROCESS, RELATED APPARATUS AND PRODUCT
US201110768 4 A1 20110512	US20100893632 20100929; US20090247788P 20091001	IDEAL LABS INC [US]	F03D11/04; E04H14/00; F03D11/00	POLE MOUNTED ROTATION PLATFORM AND WIND POWER GENERATOR
US201110908 8 A1 20110512	US20100927161 20101109; US20090281093P 20091112	COOK GLEN EDWARD [US]	F03D9/00; B63H1/06; F03B13/00; H02K7/18	Windsock horizontal axes turbine
US201110909 2 A1 20110512	US20090484698 20090615; US20090471353 20090523	ECHEMENDIA ABEL [US]	F03D9/00	WINDMILL ELECTRIC GENERATOR FOR HYDROELECTRIC POWER SYSTEM
US201110909 4 A1 20110512	US20100813781 20100611; WO2008CA02178 20081212; US20070014002P 20071214	KENWAY DANIEL [CA]; GARNEAU DWAYNE [CA]	F03D9/00	Wind To Electric Energy Conversion With Hydraulic Storage
US201110909 6 A1 20110512	US20100925235 20101018; US20090280606P 20091106	EARLEY MATTHEW [US]	F03D9/02	Fixed pitch wind (or water) turbine with centrifugal weight control (CWC)

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US201110909 9 A1 20110512	EP20080012252 20080707; WO2009EP58296 20090702	STIESDAL HENRIK [DK]	F03D9/00	Wind Turbine
US201111076 9 A1 20110512	EP20080012251 20080707; WO2009EP58235 20090701	STIESDAL HENRIK [DK]	F04D29/08; B23P6/00	WIND TURBINE COMPRISING A MAIN BEARING AND METHOD FOR REPLACEMENT OF THE MAIN BEARING
US201111077 7 A1 20110512	DK20070001845 20071221; WO2008EP10938 20081219	VESTAS WIND SYS AS [DK]	F03D11/00	ACTIVE FLOW CONTROL DEVICE AND METHOD FOR AFFECTING A FLUID BOUNDARY LAYER OF A WIND TURBINE BLADE
US201111077 8 A1 20110512	US20100954737 20101126; DK20090070235 20091130; US20090264930P 20091130	VESTAS WIND SYS AS [DK]	F03B3/12	MEASURING LOADS ON WIND TURBINE BLADES
US201111077 9 A1 20110512	US20090637498 20091214; US20090614232 20091106	STEPHENS THOMAS GLENN [US]; SKARZENSKI PETER CHRIS [US]; TIBBITTS ADAM J [US]; BRANTLEY JR BRANDON D [US]; SWANSON BRUCE EUGENE [US]	B64C11/00	FLUID TURBINE FEATURING ARTICULATED BLADES AND PHASE-ADJUSTED CAM
US201111377 6 A1 20110519	IN2008KO01229 20080718; WO2009IN00383 20090708	KHARKATHOKI PURNA BAHADUR [IN]	F03B7/00; F03B13/00	Aero-Hydro Power Plant
US201111523 4 A1 20110519	EP20080012253 20080707; WO2009EP58297 20090702	STIESDAL HENRIK [DK]	F03D9/00	Wind Turbine

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US201111692 6 A1 20110519	US201113014573 20110126; WO2009US68649 20091218; US20080138547P 20081218; US20090177157P 20090511	FOX DONALD A [US]; KRAFT RYAN [US]	F03D7/02	Self-Directing Vertical Axis Turbine For Harnessing Power
US201111692 7 A1 20110519	US20100967455 20101214; US20100598272 20100115; WO2008EP55366 20080430; WO2007EP54223 20070430; US20100379216P 20100901	VESTAS WIND SYS AS [DK]	B64C27/615	Wind Turbine Blade
US201111692 9 A1 20110519	US20100942582 20101109; DK20040000094 20040123; US20050586557 20050124; WO2005DK00048 20050124	LM GLASFIBER AS [DK]	F03D11/00; B23P17/00; B64D45/02; H01Q1/28; H01Q1/40; H01Q1/42; H01Q1/50; H02G13/00	LIGHTNING DIVERter FOR CONDUCTING A LIGHTNING- INDUCED ELECTRICAL CURRENT AND A METHOD OF PRODUCING THE SAME
US201111942 4 A1 20110519	TW20090139184 20091118	INVENTEC CORP [TW]	G06F13/14; F03D7/04; F04D29/00; G06F15/173	SERVER MANAGEMENT SYSTEM
US201112010 8 A1 20110526	US20090625856 20091125	PIONEER ENERGY PRODUCTS LLC [US]	F15B21/00; F03D1/06	WIND TURBINE

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US201112157 0 A1 20110526	US20100819163 20100618; US20090456694 20090619; US20090459017 20090625; US20090236521P 20090824; US20090258177P 20091104; US20090267430P 20091207	BEVIRT JOEBEN [US]; PEDDIE MATTHEW T [US]	F03D7/00; B64C31/06; F03D9/00	SYSTEM AND METHOD FOR CONTROLLING A TETHERED FLYING CRAFT USING TETHER ATTACHMENT POINT MANIPULATION
US201112157 5 A1 20110526	US20090626521 20091125	ANETRINI GARY [US]; ANETRINI JAMES [US]	F03D9/00; H02M7/30	SYSTEMS, METHODS, AND KITS FOR POWER GENERATION
US201112157 6 A1 20110526	US20100900804 20101008; US20090261467P 20091116	BAYKO JOHN W [US]	F03D9/00; H02K16/00	MULTISTAGE ELECTRIC POWER GENERATING AND VENTILATING DEVICE
US201112157 7 A1 20110526	US20100906925 20101018; US20090622637 20091120	OSCILLA POWER INC [US]	F03D9/00; H02K21/26	METHOD AND DEVICE FOR ENERGY GENERATION
US201112157 9 A1 20110526	EP20090014766 20091126	ERIKSEN UFFE [DK]; VENG JENS ANTON AGERSKOV [DK]	F03D9/00; F03D11/00; F16D55/22; F16D63/00; H02K7/102	Brake system, generator and wind turbine
US201112158 0 A1 20110526	US201113018496 20110201; US20070705844 20070213	MORGAN KEN [US]; SLATTERY MICHEAL [US]	F03D9/00	WIND-DRIVEN ELECTRICITY GENERATION DEVICE WITH SEGMENTED ROTOR

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US201112327 6 A1 20110526	US201113018694 20110201; GB20020024656 20021023; US20050531857 20050419; WO2003GB04529 20031020	IHC ENGINEERING BUSINESS LTD [GB]	E02D27/52; E02B17/00; E02B17/02; E02D27/42; E04H12/22; F03D1/00	Mounting Of Offshore Structures
US201112333 0 A1 20110526	ES20060000816 20060329; WO2007ES00168 20070328	GAMESA INNOVATION & TECH SL [ES]	F03D7/04	ANTI-NOISE WIND TURBINE
US201112333 2 A1 20110526	US20080674471 20080905; US20070970328P 20070906; WO2008CA01583 20080905	GRENIER MARIO [CA]; GRENIER-DESBIENS ALEX [CA]; GRENIER-DESBIENS THOMAS [CA]; GRENIER-DESBIENS JEROEME [CA]	F03D7/06	ENERGY EXTRACTION DEVICE WITH AT LEAST ONE BANK OF BLADES
US201112333 8 A1 20110526	EP20090014764 20091126	LIND SOEREN OEMANN [DK]	F03D7/04; F16D55/228; F16D65/18	Brake System with Expansion Absorbing Means, Generator and Wind Turbine
US201112333 9 A1 20110526	EP20090014765 20091126	ERIKSEN UFFE [DK]; VENG JENS ANTON AGERSKOV [DK]	F03D7/00	Brake System for a wind turbine with integrated rotor lock generator and wind turbine
US201112334 3 A1 20110526	US20100952585 20101123; US20090264039P 20091124	RONNER DAVID E [US]	B64C27/46	WIND TURBINE BLADE AND METHODS, APPARATUS AND MATERIALS FOR FABRICATION IN THE FIELD
US201112334 4 A1 20110526	US20100957324 20101130; US20090636861 20091214	GEN ELECTRIC [US]	F04D29/38; B32B7/08	FLUID TURBINE BLADE AND METHOD OF PROVIDING THE SAME

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US201112777 5 A1 20110602	US20100784294 20100520; US20090179840P 20090520; US20090236521P 20090824; US20090258177P 20091104; US20090267430P 20091207	BEVIRT JOEBEN [US]	F03D9/00; B64C31/06	Airborne Power Generation System With Modular Structural Elements
US201113178 1 A1 20110609	US20090651078 20091231	SMITH ALISTAIR JEFFREY [CA]; JONES DOUGLAS JEROME [US]; PLUMMER JEREMY CLAYTON [US]; MADGE JAMES HENRY [US]; MARSDEN KEITH ALAN [US]; DEMO WAYNE ALAN [US]	B23P6/00; B23B41/12; B23P11/00	SYSTEMS AND METHODS FOR ASSEMBLING A BORE REPAIR ASSEMBLY FOR USE IN A WIND TURBINE
US201113180 9 A1 20110609	US20090632231 20091207	GEN ELECTRIC [US]	B23P17/00; B23P19/00	SYSTEM AND METHOD FOR ARRANGING WIND TURBINE BLADES
US201113189 9 A1 20110609	US20100770832 20100430	VOSS STEFAN [DE]; SCHWEDE STEFAN [DE]; PAURA INGO [DE]	F03D11/04; E02D27/32; E04B1/16	APPARATUS AND METHOD FOR PRODUCING A CONCRETE FOUNDATION
US201113345 3 A1 20110609	US20080523702 20080117; US20070885369P 20070117; US20080021556P 20080116; WO2008CA00082 20080117	MERSWOLKE PAUL H F [CA]; NAYEF NA AL [CA]; NICHOLSON NEIL J [CA]; PESTKA GREGOR [CA]; JANTZI JAMES L [CA]; CAMERON BRENT A [CA]; HARRIS CRAIG W [CA]; BEATTIE JASON P [CA]; QUECKENSTEDT MARTIN [CA]; CHEN PING [CA]	F03D7/02; F03D9/00	MULTIPLE GENERATOR WIND TURBINE AND METHOD OF OPERATION THEREOF

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US201113345 5 A1 20110609	US20090635219 20091210	GEN ELECTRIC [US]	H02P9/04	WIND TURBINE CABLE TWIST PREVENTION
US201113345 6 A1 20110609	US20090650786 20091231	BAGEPALLI BHARAT S [US]; GADRE ANIRUDDHA D [US]	H02P9/04	WIND TURBINE BRAKE POWER GENERATION
US201113345 7 A1 20110609	US20100718414 20100305	HOFFMANN TILL [DE]; QUINDT JULIAN [DE]	H02P9/04	SYSTEM, DEVICE, AND METHOD FOR WIND TURBINE LOAD REDUCTION IN A COLD WEATHER ENVIRONMENT
US201113345 8 A1 20110609	US20100748007 20100326	GEN ELECTRIC [US]	H02P9/04; G01H1/00	METHOD AND APPARATUS FOR OPTIMIZING WIND TURBINE OPERATION
US201113346 1 A1 20110609	US201113007825 20110117	VESTAS WIND SYS AS [DK]	F03D7/00; F03D9/00	Operating Wind Turbines Under Converter Faults
US201113346 6 A1 20110609	US20090384797 20090408	KAMENOV KAMEN GEORGE [US]	F03D1/00; F03D3/00	Hybrid water pressure energy accumulating wind turbine and method
US201113346 7 A1 20110609	US20090592958 20091207	STILES ROBERT A [US]	F03D9/00; F03B13/00	Kinetic energy recycling system for usable electric and hydraulic power generation
US201113346 8 A1 20110609	US20090631510 20091204	LEITH JOHN [US]	F03D9/00	WIND POWERED GENERATING SYSTEM
US201113346 9 A1 20110609	US20090646240 20091223	GEN ELECTRIC [US]	F03D9/00; H02K7/116	WIND TURBINE DRIVETRAIN SYSTEM
US201113347 0 A1 20110609	US20100683877 20100107	AMERICAN SUPERCONDUCTOR CORP [US]	F03D9/00; F16D43/20; H02K7/108	TORQUE LIMITING COUPLING FOR WIND TURBINE
US201113347 2 A1 20110609	US20100763829 20100420	MIDDENDORF JOERG [DE]	F03D9/00; B23P11/00	Wind Turbine, Nacelle, And Method Of Assembling Wind Turbine

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US201113347 4 A1 20110609	US20100766578 20100423	EASTERN WIND POWER [US]	F03D3/00	VERTICAL AXIS WIND TURBINE
US201113347 5 A1 20110609	US20100766615 20100423	ZHENG DANIAN [US]; WILLEY LAWRENCE D [US]; FANG BIAO [US]; HARIDASU BALAJI [IN]; VADLAMUDI VENKATA KRISHNA [IN]	F03D9/00; E04H12/00; G06F17/50	SUPPORT TOWER FOR USE WITH A WIND TURBINE AND SYSTEM FOR DESIGNING SUPPORT TOWER
US201113347 6 A1 20110609	US20100769788 20100429	NIES JACOB JOHANNES [NL]	F03D9/00	ROTOR SUPPORT DEVICE AND METHOD FOR ACCESSING A DRIVE TRAIN OF A WIND TURBINE
US201113347 8 A1 20110609	US20100906350 20101018; US20090622637 20091120; US20090618560 20091113; US20090227706P 20090722	GURUSWAMY SIVARAMAN [US]	F03D9/00; H02K7/06	METHOD AND DEVICE FOR ENERGY GENERATION
US201113348 0 A1 20110609	US201113028858 20110216; US20070974675 20071015	PAGLIASOTTI ROBERT R [US]	F03D9/00	CONVERTING WIND ENERGY TO ELECTRICAL ENERGY
US201113348 3 A1 20110609	JP20090276349 20091204	MITSUBISHI HEAVY IND LTD [JP]	F03D11/00	WIND POWER GENERATOR
US201113358 8 A1 20110609	US20090640850 20091217	DAVIS JOHN P [US]; ANTALEK JAMES [US]; CONRAD CHAD ROBERT [US]	H02K5/00	Modular Life Extension Kit For A Wind Turbine Generator Support Frame
US201113457 4 A1 20110609	US20090650807 20091231	GEN ELECTRIC [US]	H02H7/09	SYSTEMS AND APPARATUS RELATING TO WIND TURBINE ELECTRICAL CONTROL AND OPERATION

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US201113539 8 A1 20110609	US20090637575 20091214	LOPEZ FRANCISCO GARCIA [ES]; SEGOVIA EUGENIO YEGRO [ES]; SANTIAGO PEDRO LUIS BENITO [DE]	E02D29/00; F03D9/00	SYSTEMS AND METHODS FOR ASSEMBLING AN OFFSHORE SUPPORT SYSTEM FOR USE WITH A WIND TURBINE
US201113544 2 A1 20110609	US20090634435 20091209	KERBER LUTZ [DE]; DOORENSPLEET FLORIAN [DE]	F03D11/00; F03D7/00	SYSTEM, DEVICE, AND METHOD FOR ACOUSTIC AND VISUAL MONITORING OF A WIND TURBINE
US201113544 3 A1 20110609	US20100927707 20101122; US20090281671P 20091120; US20090281637P 20091120	CUCCI PETER J [US]; SMOLLON FRANCIS X [US]	F03D7/00	System and method for collecting, augmenting and converting wind power
US201113545 8 A1 20110609	US20100983082 20101231; US20100914509 20101028; US20080054050 20080324; US20100749341 20100329; US20090629714 20091202; US20090425358 20090416; US20080053695 20080324; US20100303339P 20100211; US20100332722P 20100507; US20070919588P 20070323	PRESZ JR WALTER M [US]; WERLE MICHAEL J [US]; DOLD ROBERT [US]; HICKEY TIMOTHY [US]; KENNEDY III THOMAS J [US]	F03D5/00	FLUID TURBINE WITH SHROUD HAVING SEGMENTED LOBES

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US201113546 0 A1 20110609	US20100983066 20101231; US20080054050 20080324; US20100332722P 20100507; US20100415592P 20101119; US20070919588P 20070323	PRESZ JR WALTER M [US]; WERLE MICHAEL J [US]	F04D29/44	FLUID TURBINE WITH EJECTOR SHROUD
US201113546 5 A1 20110609	US20090649989 20091230	BRAICKS AXEL [DE]	F03D7/04	Methods and Systems For Providing Variable Mechanical Brake Torque
US201113546 6 A1 20110609	US20100687336 20100114	GEN ELECTRIC [US]	F03D7/02	SYSTEM AND METHOD FOR MONITORING AND CONTROLLING WIND TURBINE BLADE DEFLECTION
US201113546 7 A1 20110609	US20100719958 20100309	GEN ELECTRIC [US]	F03D11/00	SYSTEM AND METHOD OF DEICING AND PREVENTION OR DELAY OF FLOW SEPARATION OVER WIND TURBINE BLADES
US201113546 8 A1 20110609	US20100756857 20100408	DANIELS JEFFREY MICHAEL [US]; ANNADURAI DINESH KUMAR [IN]; VEMURI SATISH [IN]	F03D7/04; F03D11/00	SYSTEMS AND METHODS FOR MONITORING A STRUCTURAL HEALTH OF A WIND TURBINE
US201113546 9 A1 20110609	US20100765560 20100422	SCHOLTE-WASSINK HARTMUT [DE]	F03D11/00; G01L3/00	METHOD FOR MEASURING A ROTATIONAL POSITION OF A ROTOR BLADE OF A WIND TURBINE AND MEASURING DEVICE
US201113547 1 A1 20110609	NZ20070555848 20070612; WO2008NZ00143 20080612	WANGFORD JONATHAN GRAHAM [NZ]	F03D3/06; B64C11/00; B64C11/06; F03D9/00	Wind Turbine
US201113547 3 A1 20110609	US20090645214 20091222	SINGAMSETTI V N S RAJU [IN]; SRIVASTAVA VAIBHAV [IN]; MAJETI PAVAN KUMAR [IN]	F03D11/00; G06F19/00	SYSTEM, DEVICE, AND METHOD FOR MONITORING A WIND TURBINE USING DATA QUALITY INDICATORS

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US201113547 7 A1 20110609	US20090649682 20091230	MOHAMMED OMER [IN]; HERR STEFAN [US]	F03D1/06; B23P15/04	Method and Apparatus for Increasing Lift on Wind Turbine Blade
US201113548 5 A1 20110609	US20090650213 20091230	WANG JING [US]	F03D1/06; B23P15/04	SPAR FOR A WIND TURBINE ROTOR BLADE AND METHOD FOR FABRICATING THE SAME
US201113548 7 A1 20110609	US20090651156 20091231	RAO KAVALA VENKATESWARA [IN]; SULTAN MOHAMAD [US]	F03D1/06; B23P15/04	ROTOR BLADE FOR USE WITH A WIND TURBINE AND METHOD FOR ASSEMBLING ROTOR BLADE
US201113549 2 A1 20110609	US20090637950 20091215	GEN ELECTRIC [US]	F03D11/04; B23P11/00; E04H12/00	STRESS RELIEF FLANGE AND METHOD FOR DISTRIBUTING STRESS FOR WIND TURBINE COMPONENTS
US201113549 3 A1 20110609	US20100751102 20100331	GEN ELECTRIC [US]	F03D11/04; B23P11/00; E04H12/00	WIND TURBINE, TOWER AND METHOD FOR FABRICATING THE SAME
US201113747 4 A1 20110609	US20090639672 20091216	LARSEN EINAR VAUGHN [US]; KLODOWSKI ANTHONY MICHAEL [US]; BARKER SIDNEY ALLEN [US]	G06F19/00; H02P9/04	METHOD AND SYSTEMS FOR OPERATING A WIND TURBINE
US201113756 4 A1 20110609	US20090642316 20091218	GEN ELECTRIC [US]	G01W1/00; G06F19/00	DEVICE AND METHOD FOR DETERMINING WIND CONDITIONS USING MULTIPLE WIND RESOURCE GRIDS
US201113896 3 A1 20110616	US20100826025 20100629	PISCHEL KLAUS [DE]	F03D11/02; F16H57/00; F16J15/34	ACTIVE SEALING-DRAINING DEVICE
US201114042 0 A1 20110616	US20100821909 20100623	GEN ELECTRIC [US]	H02P9/04	METHODS AND SYSTEMS FOR OPERATING A WIND TURBINE
US201114042 6 A1 20110616	US20100873378 20100901	GARCIA LOPEZ FRANCISCO [ES]; YEGRO SEGOVIA EUGENIO [ES]; BENITO SANTIAGO PEDRO LUIS [DE]	F03D7/00; F03D9/00	WIND TURBINE HAVING VARIABLE HEIGHT AND METHOD FOR OPERATING THE SAME
US201114042 9 A1 20110616	US20100914512 20101028	GEN ELECTRIC [US]	F03D7/00; H01F38/14; H05G1/10	SYSTEMS FOR CONTACTLESS POWER TRANSFER

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US201114043 0 A1 20110616	US20100915116 20101029	GEN ELECTRIC [US]	F03D7/04	Method and System for Providing Increased Turbine Output for Doubly Fed Induction Generator
US201114043 7 A1 20110616	US20100787821 20100526	VEMURI SATISH [IN]; STEPHENS KHARYL EVENSON GEORGE [US]; KARACA HUESEYIN [DE]; PAURA INGO [DE]; VENKATAKRISHNAPPA RAGHUNANDAN CHICKBALLAPUR [IN]	F03D9/00; E04B1/19; E04H12/00; E04H12/02; F03D11/04	SELF-SUPPORTING PLATFORM FOR A WIND TURBINE
US201114043 8 A1 20110616	US20100820354 20100622	GEN ELECTRIC [US]	H02P9/04; H02M5/458	POWER CONVERSION SYSTEM AND METHOD FOR A ROTARY POWER GENERATION SYSTEM
US201114043 9 A1 20110616	US20100850346 20100804	RAMANUJAM SARAVANAN [IN]	F03D11/00	YAW ASSEMBLY FOR USE IN WIND TURBINES
US201114044 0 A1 20110616	US20100854350 20100811	GEN ELECTRIC [US]	F03D9/00	GEARBOX SUPPORT SYSTEM
US201114044 1 A1 20110616	US20100854434 20100811	GEN ELECTRIC [US]	F03D9/00	GEARBOX SUPPORT SYSTEM
US201114044 2 A1 20110616	US20100872511 20100831	GEN ELECTRIC [US]	F03D9/00	YAW BEARING CLEANING ASSEMBLY FOR WIND TURBINE
US201114044 3 A1 20110616	US20100886518 20100920	MORRISON DANIEL [US]	F03D9/00	WIND TURBINE ALTERNATOR MODULE
US201114044 4 A1 20110616	US20100906078 20101016	WINTER CURT B [US]	F03D9/00	Wind Turbine With Improved Cooling
US201114044 7 A1 20110616	US20100943607 20101110	PAURA INGO [DE]; KARACA HUESEYIN [DE]	F03D11/04; E04H12/00; E04H12/34	REINFORCEMENT ASSEMBLY FOR USE WITH A SUPPORT TOWER OF A WIND TURBINE

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US201114044 8 A1 20110616	JP20090284254 20091215; WO2010JP69141 20101028	MITSUBISHI HEAVY IND LTD [JP]	F03D11/02; F16H1/28; F16H57/04	WIND-TURBINE-GENERATOR-SYSTEM TRANSMISSION AND WIND TURBINE GENERATOR
US201114044 9 A1 20110616	TW20090143058 20091216	OPEN MINDER GROUP LTD [VG]	F03D3/04	WIND POWER DEVICE
US201114045 0 A1 20110616	US20100968126 20101214; US20090286959P 20091216	KAWAS PERCY C [US]; KAWAS GULNAR [US]	F03D9/00; F03D3/06	Method and Apparatus for Wind Energy System
US201114045 1 A1 20110616	US20100968670 20101215; US20090287157P 20091216; US20100314146P 20100315	CLEAR PATH ENERGY LLC [US]	H02K5/173; F03D9/00	Axial Gap Rotating Electrical Machine
US201114177 3 A1 20110616	US20100850803 20100805	GEN ELECTRIC [US]	H02J3/36	HVDC CONNECTION OF WIND TURBINE
US201114259 4 A1 20110616	US20100826244 20100629	GEN ELECTRIC [US]	F03D7/02; F01D7/00; G01N3/56	METHODS AND SYSTEMS FOR MONITORING OPERATION OF A WIND TURBINE
US201114259 5 A1 20110616	US20100829456 20100702	GEN ELECTRIC [US]	F01D5/14; F03D7/02; F03D11/00	WIND TURBINE BLADES WITH CONTROLLED ACTIVE FLOW AND VORTEX ELEMENTS
US201114261 3 A1 20110616	US20100797159 20100609	GEN ELECTRIC [US]	F03B11/00; B23P19/00	CONFIGURATION OF A WIND TURBINE NACELLE FOR TRANSPORTATION
US201114261 8 A1 20110616	US20100916063 20101029	MOORE BRADLEY GRAHAM [US]	F03D11/00; B23P17/00	WIND TURBINE PITCH ASSEMBLY ENCLOSURE SYSTEM

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US2011142619 A1 20110616	US20100833416 20100709	SUBRAMANIAN BALAJI [IN]; GUJJU SRINIVASA [IN]; SAXENA VIKAS [IN]; RAJPUT VIKRAM SINGH [IN]	F03D7/04	Wind Turbine, Control System, And Method For Optimizing Wind Turbine Power Production
US2011142620 A1 20110616	US20100856767 20100816	LOH FRIEDRICH [DE]; MENKE DETLEF [DE]; SCHULTEN CHRISTOPH [DE]; TORBOHM GERT [DE]	F03D7/04; F03D11/00	APPARATUS AND METHOD FOR OPERATION OF A WIND TURBINE
US2011142621 A1 20110616	US20100868312 20100825	D MALLIKARJUNA REDDY [IN]; PAL SUJAN KUMAR [IN]; NADAMPALLI NARASIMHAMURTHY RAJU [IN]	F03D11/00; F03D7/04	Method and System For Monitoring Wind Turbine
US2011142622 A1 20110616	US20100872659 20100831	HOFFMANN TILL [DE]; QUINDT JULIAN [DE]	F03D7/00	WIND TURBINE AND METHOD FOR CONTROLLING A WIND TURBINE
US2011142623 A1 20110616	US20100899324 20101006	NANUKUTTAN BIJU [IN]; BOSE SUMIT [US]; NEOGI GANESH [IN]; ASARIKANDY SHALU [IN]; WANG JING [US]	F03D11/00; F03D1/06	SYSTEM AND METHOD OF DISTRIBUTING AIR WITHIN A WIND TURBINE
US2011142624 A1 20110616	US20100944267 20101111	VADARI HARITH [IN]; DESABHATLA SREEDHAR [IN]	F03D7/00; F03D11/02	Active Control Of A Wind Turbine Blade
US2011142627 A1 20110616	US20090639027 20091216	PERKINSON ROBERT H [US]	F03D7/04; F03D7/02	TEETER MECHANISM FOR A MULTIPLE-BLADED WIND TURBINE
US2011142629 A1 20110616	US20100961813 20101207	GEN ELECTRIC [US]	F03D1/06	WIND TURBINE ROTOR BLADE WITH POROUS WINDOW AND CONTROLLABLE COVER MEMBER
US2011142631 A1 20110616	WO2010JP64693 20100830	MITSUBISHI HEAVY IND LTD [JP]	F03D7/04	WIND TURBINE GENERATOR
US2011142632 A1 20110616	US20090639528 20091216	EATON CORP [US]	F03D7/00; F15B11/17	Piecewise Variable Displacement power transmission

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US201114263 5 A1 20110616	US20100861145 20100823	GEN ELECTRIC [US]	F03D11/00; F03D1/00; F04D29/38	BLADE EXTENSION FOR ROTOR BLADE IN WIND TURBINE
US201114263 6 A1 20110616	US20100911202 20101025	GEN ELECTRIC [US]	F03D11/00; F03D11/04	EXPANSION ASSEMBLY FOR A ROTOR BLADE OF A WIND TURBINE
US201114263 7 A1 20110616	US20100939531 20101104	GEN ELECTRIC [US]	F03D11/00	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
US201114263 8 A1 20110616	US20100884565 20100917	GEN ELECTRIC [US]	F03D11/00; F01D5/14	WIND TURBINE ROTOR BLADE WITH ACTUATABLE AIRFOIL PASSAGES
US201114264 1 A1 20110616	US20100905058 20101014; US20090272626P 20091014; US20090283988P 20091210	ANDERSON BRUCE ELLIOT [US]	F03D11/00	Enclosed vertical axis fluid rotor
US201114264 2 A1 20110616	US20100882423 20100915	GEN ELECTRIC [US]	F03D11/00	WIND TURBINE ROTOR BLADE WITH AERODYNAMIC WINGLET
US201114264 3 A1 20110616	US20100872198 20100831	GEN ELECTRIC [US]	F03D11/00	LIGHTNING PROTECTION FOR WIND TURBINES
US201114264 4 A1 20110616	US20100957715 20101201	GEN ELECTRIC [US]	F03D11/00	WIND TURBINE ROTOR BLADES WITH ENHANCED LIGHTNING PROTECTION SYSTEM
US201114264 5 A1 20110616	ES20090031178 20091216	NUNEZ POLO MIGUEL [ES]; GARCIA SAYES JOSE MIGUEL [ES]	F03D7/02; F16C17/00	WIND TURBINE BLADE BEARING AND WIND TURBINE THAT MAKES USE THEREOF
US201114264 9 A1 20110616	US20100891905 20100928	GEN ELECTRIC [US]	F03D11/02; F03D9/00; F16H3/44	COMPACT GEARED DRIVE TRAIN

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US201114265 5 A1 20110616	US20090653608 20091216	HIWIN MIKROSYSTEM CORP [TW]	F03D11/04	Fan set for wind power generator
US201114265 7 A1 20110616	US20100817586 20100617	GEN ELECTRIC [US]	F01D5/30	WIND TURBINE BLADE ATTACHMENT CONFIGURATION WITH FLATTENED BOLTS
US201114265 8 A1 20110616	US20100857025 20100816	BONNET LAURENT [DE]	F03D1/06; B23P11/00; F03D11/04	HUB FOR A WIND TURBINE AND METHOD OF MOUNTING A WIND TURBINE
US201114265 9 A1 20110616	US20090636334 20091211	JANIUK PETER [CA]	F03D3/06	VERTICAL AXIS WIND TURBINE WITH SELF-STARTING CAPABILITIES
US201114266 2 A1 20110616	US20100914589 20101028	GEN ELECTRIC [US]	F03D11/00	Spar Cap Assembly for a Wind Turbine Rotor Blade
US201114266 3 A1 20110616	US200913059805 20090819; DK20080001161 20080825; US20080091539P 20080825; WO2009EP60723 20090819	VESTAS WIND SYS AS [DK]	F03D11/00; B32B37/02; B32B37/12	ASSEMBLY AND METHOD OF PREPARING AN ASSEMBLY
US201114266 5 A1 20110616	US20100943135 20101110	GEN ELECTRIC [US]	F03D11/00	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
US201114266 6 A1 20110616	US20100946259 20101115	GEN ELECTRIC [US]	F03D11/00	NOISE REDUCER FOR ROTOR BLADE IN WIND TURBINE
US201114266 7 A1 20110616	US20100871116 20100830	GEN ELECTRIC [US]	F03D11/00; B23P15/04	WIND TURBINE ROTOR BLADE ASSEMBLY HAVING AN ACCESS WINDOW AND RELATED METHODS
US201114266 8 A1 20110616	US20100881542 20100914	GEN ELECTRIC [US]	F03D11/00; F04D29/36	WIND TURBINE BLADE WITH IMPROVED TRAILING EDGE BOND

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US201114266 9 A1 20110616	US201113032084 20110222; US20070684230 20070309	GEN ELECTRIC [US]	F03D1/06; B32B37/00	INTEGRATED SHEAR WEBS FOR WIND TURBINE BLADES
US201114267 5 A1 20110616	US20100859585 20100819	GEN ELECTRIC [US]	F04D29/38	WIND TURBINE ROTOR BLADE JOINT
US201114268 0 A1 20110616	WO2010JP57754 20100506	mitsubishi heavy ind ltd [JP]	F03D11/04	OFFSHORE WIND TURBINE GENERATOR
US201114268 1 A1 20110616	US20100840504 20100721	GEN ELECTRIC [US]	F04D29/38	ROTOR BLADE ASSEMBLY
US201114268 2 A1 20110616	US20100911090 20101025	GEN ELECTRIC [US]	F03D11/04	ONSHORE WIND TURBINE WITH TOWER SUPPORT SYSTEM
US201114477 4 A1 20110616	US20090639428 20091216	GEN ELECTRIC [US]	G05B13/04; G05B13/02	SYSTEM AND METHOD FOR CONTROLLING A MACHINE
US201114492 9 A1 20110616	TW20090142228 20091210	IND TECH RES INST [TW]	G01H13/00; G06F19/00	TORSIONAL RESONANCE FREQUENCY MEASURING DEVICE AND METHOD
US201114728 9 A1 20110623	US20100966209 20101213; US20090284450P 20091218	KORTMANN ROBERT W [US]	C02F1/74; B01F3/04; F03D9/02; H02J7/35	Wind, Solar and Hybrid Wind-Solar Water Circulation and Aeration Methods and Apparatus

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US201114811 5 A1 20110623	US200913002308 20090804; US20080189237P 20080818; US20090216682P 20090520; US20090268383P 20090612; WO2009US04465 20090804	ROZNITSKY SAMUEL [US]; ROZNITSKY MOSHE [US]; ROZNITSKY YOEL [US]; ROZNITSKY HILELA [US]	H02P9/04; F03D9/00	DEEP OFFSHORE FLOATING WIND TURBINE AND METHOD OF DEEP OFFSHORE FLOATING WIND TURBINE ASSEMBLY, TRANSPORTATION, INSTALLATION AND OPERATION
US201114811 6 A1 20110623	US20100902353 20101012; US20090287635P 20091217	EMPIRE MAGNETICS INC [US]	F03D9/00; F03D3/06; F03D11/02	Antenna Mounted Wind Power Generator
US201114811 9 A1 20110623	US20090682818 20090914; US20090144713P 20090114; WO2009EP61879 20090914	AMSC WINDTEC GMBH [AT]	F03D9/00; H02K5/04; H02K15/00	GENERATOR, NACELLE, AND MOUNTING METHOD OF A NACELLE OF A WIND ENERGY CONVERTER
US201114812 3 A1 20110623	DE200810039449 20080825; WO2009EP05872 20090813	RHEINISCH WESTFALISH TECH HOCHSCHULE AACHEN [DE]	H02K7/18; F03D9/00; F03D9/02; H02J3/38	Zero-Emission Power Plant
US201115065 2 A1 20110623	US20090644739 20091222	LUCID ENERGY TECHNOLOGIES LLP [US]	F03D11/04; B23P11/00; F03D3/00	TURBINE ASSEMBLIES
US201115065 4 A1 20110623	US20090646825 20091223	WEI JHEN-YOU [TW]; CHEN SHIN-HAO [TW]	F03D7/02	ELEVATION ANGLE ADJUSTMENT STRUCTURE FOR A SHAFT OF A WIND POWER GENERATOR

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US201115066 1 A1 20110623	US20100928803 20101220; US20090284486P 20091218	MAGNA INT INC [CA]	F03D11/00; B32B7/02; B32B17/06; B32B27/06; B32B27/12; B32B27/32; B32B27/34; B32B27/36; B32B27/40; B32B37/02; B32B37/06; B32B37/14	Sheet molding compound with cores
US201115309 6 A1 20110623	US20090644228 20091222	PAL SUJAN KUMAR [IN]; KUMAR VIVEK [IN]	G06F19/00; H02P9/04	METHOD AND SYSTEM FOR MONITORING OPERATION OF A WIND FARM
US201115477 7 A1 20110630	US201113042425 20110307; US20080969463 20080104	BAGEPALLI BHARAT S [US]	F03D11/04; E04C3/30; F16B7/18	WIND TURBINE TOWER JOINTS
US201115584 9 A1 20110630	US20090648404 20091229	GEN ELECTRIC [US]	B64C1/00; B29C70/30; B29C70/36; B32B27/04; F03D11/00	RESIN INFUSION APPARATUS AND SYSTEM, LAYUP SYSTEM, AND METHODS OF USING THESE
US201115639 3 A1 20110630	US201113045864 20110311; JP20040055515 20040227; US20100727356 20100319; US20070590328 20070625; WO2004JP16851 20041112	MITSUBISHI HEAVY IND LTD [JP]	H02P9/04; F03D7/04	WIND TURBINE GENERATOR, ACTIVE DAMPING METHOD THEREOF, AND WINDMILL TOWER

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US201115639 6 A1 20110630	US20100790950 20100531; US20090183068P 20090601	BOEING CO [US]	F03B13/14; F03D9/00	POWER GENERATOR
US201115639 9 A1 20110630	US20090649510 20091230	GEN ELECTRIC [US]	F16C33/34; F03D9/00; F16H57/02	SURFACE TEXTURED ROLLERS
US201115640 0 A1 20110630	US20090651276 20091231	LOWE DAVID A [US]	F03D9/00	Kinetic Energy Rotation System
US201115640 1 A1 20110630	TW20090144912 20091225	HON HAI PREC IND CO LTD [TW]	F03D1/00	VEHICLE MIRROR USED FOR VEHICLE
US201115640 2 A1 20110630	US20110932650 20110303; US20090381823 20090317	KHYMYCH VASYL [US]	F03D9/02; F15B1/027	Airflow power installations
US201115640 3 A1 20110630	KR20090134226 20091230	CHOI HAE-YONG [KR]; CHOI JIN-HYUN [KR]	F03D9/00; F03D1/02; F03D1/04	SYMMETRICAL DUAL-STRUCTURED WIND POWER GENERATION SYSTEM
US201115640 4 A1 20110630	WO2009IL00671 20090705; US20080078415P 20080706	HADDAD RAHAMIM [IL]	F03D3/04; F03D9/02	WIND DRIVEN GENERATOR FOR VEHICLES
US201115874 7 A1 20110630	EP20090180850 20091229	KYOWA CO LTD [JP]; SUMITOMO CORP [JP]	F16L57/00	METHOD FOR PROTECTING SUBMARINE CABLE AND SUBMARINE LONG TUBE
US201115875 1 A1 20110630	EP20090180845 20091229	KYOWA CO LTD [JP]; SUMITOMO CORP [JP]	E02D5/54	METHOD FOR CONSTRUCTING A FOUNDATION FOR A WIND POWER GENERATION SYSTEM
US201115875 3 A1 20110630	EP20090180856 20091229	KYOWA CO LTD [JP]; SUMITOMO CORP [JP]	E02D29/09	METHOD FOR PLANARIZING UNEVENNESS OF THE SEABED

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US201115878 7 A1 20110630	US201113039951 20110303; US20100314104P 20100315	THACKER II ANDREW CARLTON [US]	F01D25/28	WIND TURBINE
US201115878 8 A1 20110630	US200913060744 20090831; DK20080001208 20080831; US20080095011P 20080908; WO2009EP61180 20090831	VESTAS WIND SYS AS [DK]	F04D27/02; B23P15/02; F03D11/00	A SECTIONAL BLADE
US201115880 4 A1 20110630	US20100660829 20100305; US20090284816P 20091224	SMITH ALAN J [US]	F03D11/00	Exchange of momentum wind turbine vane
US201115881 6 A1 20110630	US20100911648 20101025; DE20031000284 20030102; DE20031003824 20030131; US20080268576 20081111; US20030541146 20031219; WO2003EP14621 20031219	WOBEN ALOYS [DE]	F03D11/02; F03D1/06	ROTOR BLADE FOR A WIND POWER PLANT
US7887283 B1 20110215	US20100881698 20100914; US20090276557P 20090914	MONGAN JAMES MICHAEL [US]	F03D7/06	Wind turbine assembly

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US7891939 B1 20110222	US20100836089 20100714; US20090554884 20090905	ZUTECK MICHAEL D [US]	F03D11/04	HYBRID MULTI-ELEMENT TAPERED ROTATING TOWER
US7893553 B1 20110222	US20090371802 20090216; US20070955111 20071212; US20060277929 20060329	CALHOON SCOTT W [US]	F03D9/00; H02P9/04	Wind energy system
US7893556 B1 20110222	US20100780967 20100517; US20090613305 20091105	FLORIDA TURBINE TECH INC [US]	F03D3/04	Vertical axis wind turbine with direct drive generator
US7902690 B1 20110308	US20100702387 20100209	VAN MEVEREN ARIE ALLEN [US]; VAN MEVEREN GREGORY DALE [US]	F03D9/00	System for generating electrical energy from vehicle movement on a road
US7909576 B1 20110322	US20100822626 20100624	GEN ELECTRIC [US]	F03D11/00	Fastening device for rotor blade component
US7918648 B1 20110405	US20060617581 20061228	SIMNACHER LARRY W [US]	F03D3/06	Windpower generator apparatus
US7922454 B1 20110412	US20100915686 20101029	GEN ELECTRIC [US]	F03D11/00	Joint design for rotor blade segments of a wind turbine
US7923854 B1 20110412	US20100779475 20100513	MELLER MOSHE [IL]	F03D9/00; H02P9/04	Wind turbines direct drive alternator system with torque balancing
US7931435 B1 20110426	US20100657589 20100125	GASENDO LEONARDO M [US]	F03D3/06; F03D11/00	Wind power megawatts producer
US7939956 B1 20110510	US20100757416 20100409	GEN ELECTRIC [US]	H02P9/04; F03D9/00	Torsional protection system and method for wind turbine
US7939961 B1 20110510	US20100768880 20100428	GEN ELECTRIC [US]	F03D7/00	Wind turbine with integrated design and controlling method
US7939970 B1 20110510	US20100843198 20100726	GEN ELECTRIC [US]	H02J1/00; F03D9/00; H02J3/00; H02P9/04	Variable frequency wind plant

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US7942624 B1 20110517	US20090387268 20090429	ERB JOHN WALTER [CR]	F03D7/06	Vertical axis wind generator
US7944079 B1 20110517	US20100764437 20100421	GEN ELECTRIC [US]	F03D9/00; B23P17/04	SYSTEMS AND METHODS FOR ASSEMBLING A GEARBOX HANDLING ASSEMBLY FOR USE IN A WIND TURBINE
US7946802 B1 20110524	US20100910580 20101022; US20100323500P 20100413	SEVEN INTERNAT GROUP INC [US]	F03D3/04	Wind turbine utilizing wind directing slats
US7946826 B1 20110524	US20100837529 20100716	GEN ELECTRIC [US]	F03D11/00	WIND TURBINE ROTOR BLADE WITH A SUCTION SIDE WINGLET
US7956485 B1 20110607	US20090370446 20090212	SIMNACHER LARRY W [US]	F03D9/00	Potential energy storage apparatus using energy from a wind energy generator
US7964978 B1 20110621	US20080287200 20081006	WEISSMANN DOUGLAS [US]	F03D9/00; H02P9/04	Wind turbine having a blade ring using magnetic levitation
WO20110000 08 A1 20110106	AT20090001035 20090702	HEHENBERGER GERALD [AT]	F03D7/04; F03D9/00; F03D11/02; F16H3/72	DIFFERENTIAL GEARING FOR AN ENERGY GENERATION PLANT AND OPERATING METHOD
WO20110002 07 A1 20110106	CN20091140117 20090701	JIANG RENBIN [CN]; WANG WANJUE [CN]; WANG XIAODONG [CN]	B63B35/44; F03B13/14; F03D9/00; H02N6/00	OFFSHORE WAVE, WIND AND SOLAR ENERGY INTEGRATED POWER GENERATING FLEET
WO20110003 81 A2 20110106	DK20090070045 20090630; US20090221919P 20090630	VESTAS WIND SYS AS [DK]; PETERSEN LEIF KAPPEL [DK]; SCHROEDER HENNING [DK]	F03D1/06	METHOD OF MANUFACTURING A WIND TURBINE BLADE COMPRISING TWO MEMBERS BEING JOINED BY ADHESION
WO20110004 53 A2 20110106	DE200910030886 20090629	BOSCH GMBH ROBERT [DE]; LEIPOLD-BUETTNER REINER [DE]; TENBERGE HEINZ- JOSEF [DE]; KNOBLAUCH VOLKER [DE]; MENZ BERNHARD [DE]	F03D7/04	WIND POWER PLANT WITH A PLURALITY OF WIND POWER DEVICES AND METHOD FOR CONTROLLING THE WIND POWER PLANT

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WO20110005 31 A2 20110106	EP20090163969 20090629; US20090221134P 20090629	VESTAS WIND SYS AS [DK]; TARNOWSKI GERMAN CLAUDIO [DK]	F03D7/04; F03D9/00	WIND TURBINE PROVIDING GRID SUPPORT
WO20110006 28 A2 20110106	DK20090070048 20090630; US20090221933P 20090630	VESTAS WIND SYS AS [DK]; ROMBLAD JONAS [DK]	F03D1/06	IMPROVED WIND TURBINE BLADE CONTROL
WO20110008 25 A2 20110106	DK20090000810 20090630; US20090223716P 20090708	VESTAS WIND SYS AS [DK]; NIELSEN PETER [DK]	F03D7/00	METHOD OF CALCULATING AN ELECTRICAL OUTPUT OF A WIND POWER PLANT
WO20110009 75 A1 20110106	WO2009ES00348 20090630	LAHUERTA ROMEO MANUEL [ES]; TEMPERO 2000 S L	F03D1/06	WIND TURBINE WITH COMPENSATED MOTOR TORQUE
WO20110013 75 A1 20110106	IT2009VA00039 20090629	BIUCCHI GABRIELE [IT]; MANTOVANI MARCO [CH]	F03D9/00; F03D3/00; F03D3/04	SYSTEM FOR GENERATING ELECTRICAL AND THERMAL ENERGY, WITH PHOTOVOLTAIC COGENERATION
WO20110014 01 A1 20110106	IN2009MU01556 20090701	TEMBE ANAND VISHWANATH [IN]	F03D3/06	MULTI FINNED HELICALLY TWISTED VERTICAL AXIS WIND TURBINE
WO20110027 63 A1 20110106	US20090222595P 20090702	VIA WIND ENERGY LLC [US]; BACON C RICHARD [US]; BACON NICHOLAS RICHARD [US]; BACON JACOB BRADLEY [US]	F03D7/06	WIND GENERATOR
WO20110029 79 A2 20110106	US20090222142P 20090701; US20090629714 20091202	FLODESIGN WIND TURBINE CORP [US]; PRESZ WALTER M JR [US]; WERLE MICHAEL J [US]; KENNEDY THOMAS J III [US]	F03D1/04	SHROUDED WIND TURBINE WITH RIM GENERATOR AND HALBACH ARRAY
WO20110030 09 A2 20110106	US20100825857 20100629; US20090496769 20090702	FINNELL ALFRED [US]	F03D1/06; F03D7/02; F03D11/00	TURBINE WHEEL

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WO20110034 05 A2 20110113	DE200910033272 20090709; DE200920009696U 20090709	MPP GBR [DE]; MEUSER PETER [DE]; TUEK MANFRED [DE]; PLEIKIS TORSTEN [DE]	F03D9/00	HYDROSTATIC DRIVE OF A WIND TURBINE
WO20110034 82 A2 20110113	US20090224525P 20090710	SIEMENS AG [DE]; GUERENBOURG PIERRE- ANTOINE [DK]; NEW NIGEL [GB]; STEGE JASON [DK]; THOMSEN KIM [DK]	F03D11/00	WIND TURBINE MAIN BEARING
WO20110035 89 A2 20110113	DE200910026143 20090709	VOIGT ERNST-DIETER [DE]	F03D3/00	VERTICAL AXIS ROTOR
WO20110042 48 A1 20110113	US20090270600P 20090709; US20100340597P 20100319	CLIPPER WINDPOWER INC [US]; GARFINKEL MARK [US]; COUSINEAU KEVIN L [US]; WAHL PETER [US]; STEEN STEPHEN [US]	H02K7/14; F03D7/02; H02K41/03	MOTOR YAW DRIVE SYSTEM FOR A WIND TURBINE
WO20110044 72 A1 20110113	WO2009JP62459 20090708	MITSUBISHI HEAVY IND LTD [JP]; MATSUO TAKESHI [JP]; ARINAGA SHINJI [JP]; TAKAHASHI SADAMU [JP]; MATSUSHITA TAKATOSHI [JP]; SHIBATA MASAACKI [JP]	F03D11/00	WIND POWER GENERATOR
WO20110044 82 A1 20110113	WO2009JP62513 20090709	MITSUBISHI HEAVY IND LTD [JP]; MATSUO TAKESHI [JP]; ARINAGA SHINJI [JP]; SATO SHINSUKE [JP]; MATSUSHITA TAKATOSHI [JP]; SHIBATA MASAACKI [JP]	F03D11/00	WIND POWER GENERATOR
WO20110045 04 A1 20110113	WO2009JP62850 20090709	MITSUBISHI HEAVY IND LTD [JP]; ESAKI KOUJI [JP]; KUROIWA TAKAO [JP]; KAWASETSU NOZOMU [JP]; SHINDO KENTARO [JP]; MATSUO TORU [JP]	F03D11/00	WIND TURBINE BLADE AND METHOD OF MANUFACTURING SAME

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WO20110050 07 A2 20110113	KR20090061600 20090707	GOO JAEHARK [KR]	F03D5/06; F03D11/00; F03D11/04	WIND POWER GENERATOR USING AN AUTOMATICALLY FOLDABLE CANOPY
WO20110050 36 A2 20110113	KR20090062250 20090708	CHOI HYUK SUN [KR]	F03D1/02; F03D1/06; F03D9/00; F03D11/00	WIND TURBINE DEVICE
WO20110051 41 A1 20110113	RU20090126179 20090708	DIGORAN IRINA PAVLOVNA [RU]; ALATIN PAVEL DMITRIEVICH [RU]	F03D3/06; F03D7/06; F03D11/04	WIND ENERGY MACHINE
WO20110053 85 A2 20110113	US20090223326P 20090706	SOUTHWEST WINDPOWER INC [US]; JIANG YONG [US]; CLIFTON MIKE [US]; BONIELLA RON [US]	F03D7/00; F03D11/00	WIND TURBINE MONITORING AND ADJUSTING
WO20110061 52 A2 20110113	US20090497772 20090706	SIEMENS ENERGY INC [US]; NELSON ROBERT J [US]	F03D7/04	FREQUENCY-RESPONSIVE WIND TURBINE OUTPUT CONTROL
WO20110062 27 A1 20110120	BR2009PI04411 20090715	DE SOUZA MONTEIRO NADILTON [BR]	F03D3/04; F03D3/00	FLOATING VERTICAL-AXIS WIND TURBINE
WO20110062 84 A1 20110120	CN20091041159 20090716	DENG YUNHE [CN]	F03D3/00; F03D9/00; F03D11/00; H02K7/20; H02K9/04	VERTICAL WIND POWER GENERATOR
WO20110064 36 A1 20110120	CN20091012585 20090717	QI YONGWEI [CN]	F03D9/00; F03D1/00	REINFORCED TYPE WIND-DRIVEN GENERATOR
WO20110065 26 A1 20110120	WO2009EP58896 20090713	VSL INT AG [CH]; MEYER MAX [SG]; ALTHAUS WALTER [SG]; EFFENDI FERRY [SG]; JULIADI NUGROHO BUDI [SG]; ALMEIDA ROMAO [PT]; LAURENS JEAN MARIE [CH]; BURTET PASCAL [CH]	E04H12/12; E04H12/30; E04H12/34; F03D11/04	TELESCOPIC TOWER ASSEMBLY AND METHOD

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WO20110065 62 A2 20110120	DE200910033165 20090713	REPOWER SYSTEMS AG [DE]; KONTIS MARIO [DE]; KULENKAMPFF JENS [DE]	F03D1/06	ROTOR BLADE OF A WIND POWER INSTALLATION, METHOD OF FABRICATING A ROTOR BLADE AND PAIR OF STRAPS FOR A ROTOR BLADE
WO20110065 63 A2 20110120	DE200910033164 20090713	REPOWER SYSTEMS AG [DE]; KULENKAMPFF JENS [DE]; WEEGEN CLAUS [DE]; KONTIS MARIO [DE]	F03D1/06	ROTOR BLADE OF A WIND POWER INSTALLATION AND METHOD OF FABRICATING A ROTOR BLADE OF A WIND POWER INSTALLATION
WO20110068 00 A1 20110120	FR20090054935 20090716	ASTRIUM SAS [FR]; AUBERON MARCEL [FR]; PETERMANN NICOLAS [FR]	F03D1/06; F16B17/00	DEVICE FOR ASSEMBLING SECTIONS OF WIND- TURBINE BLADES AND METHOD FOR LINKING SECTIONS OF WIND-TURBINE BLADES
WO20110070 65 A1 20110120	FR20090054882 20090715	SAIPEM SA [FR]; TOSELLO ANDRE [FR]	F03D1/00; E02D27/52	MARINE WIND TURBINE HAVING A PYLON VERTICALLY ADJUSTED BY SETTING
WO20110070 66 A1 20110120	FR20090054884 20090715	SAIPEM SA [FR]; TOSELLO ANDRE [FR]	B63B9/06; B63B35/00; F03D1/00	CATAMARAN SHIP USED FOR ASSEMBLING, TRANSPORTING AND INSTALLING A MARINE WIND TURBINE ON THE SEAFLOOR
WO20110072 24 A2 20110120	US20090270862P 20090713	CLIPPER WINDPOWER INC [US]; GARFINKEL MARK [US]	F03D11/00	LOW COST, HIGH THERMAL CONDUCTIVITY HEAT FLUX TRANSPORTER
WO20110072 74 A1 20110120	US20090224925P 20090713	LEVIATHAN ENERGY WIND LOTUS LTD [IL]; FARB DANIEL [IL]; VAN ZWAREN JOE [IL]; HARELI GADI [IL]; KOLMAN KEN [IL]; FARKASH AVNER [IL]	F03D9/00	TELECOM TOWER VERTICAL AXIS WIND TURBINES
WO20110079 65 A2 20110120	KR20090063985 20090714	HAN SU DONG [KR]	F03D3/02; F03D3/06; F03D11/00; H02K21/00	WIND GENERATOR
WO20110081 53 A1 20110120	SE20090000995 20090717	EHMBERG SOLUTIONS AB [SE]; EHMBERG DANIEL [SE]	H02K7/02; F03G3/08	OFFSHORE ENERGY STORAGE DEVICE
WO20110081 79 A2 20110120	TR20090005198 20090703	PERTEK OSMAN ZEKI [TR]; GUER MAHMUT [TR]	F03D3/06	A VERTICAL AXIS TURBINE

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WO20110081 85 A1 20110120	UA20090007348 20090713	TOVARYSTVO Z OBMEZHENOYU VIDPOVIDALNISTYU PK TEHNOLOGICHNE B CONCORD [UA]; GOLUBENKO MYKOLA STEPANOVYCH [UA]; DOVGALYUK OLESYA BORYSIVNA [UA]; KADATSKY OLEKSANDR LEONIDOVYCH [UA]; KURDYUKOV SERGIY DMITRIYOVYCH [UA]; TSYGANOV VALERIY OLEKSANDROVYCH [UA]	F03D1/02; F03D9/00	WIND TURBINE
WO20110083 25 A2 20110120	US20100695922 20100128; US20100730549 20100324; US20090221487P 20090629	LIGHTSAIL ENERGY INC [US]; CRANE STEPHEN E [US]; FONG DANIELLE A [US]; BERLIN EDWIN P JR [US]	F03D11/00; F03D9/02; F03D11/02; F03D11/04	STORAGE OF COMPRESSED AIR IN WIND TURBINE SUPPORT STRUCTURE
WO20110086 37 A2 20110120	US20090502295 20090714	SIEMENS ENERGY INC [US]; NELSON ROBERT J [US]; AMOS JOHN D [US]; MA HONGTAO [US]	H02P9/00	BANG-BANG CONTROLLER AND CONTROL METHOD FOR VARIABLE SPEED WIND TURBINES DURING ABNORMAL FREQUENCY CONDITIONS
WO20110087 20 A2 20110120	US20090502716 20090714	WINDTAMER CORP [US]; BROCK GERALD E [US]	F03D1/04	VORTICITY REDUCING COWLING FOR A DIFFUSER AUGMENTED WIND TURBINE ASSEMBLY
WO20110094 59 A2 20110127	DK20090000891 20090723	LIWAS APS [DK]; FRIDTHJOF JACK [DK]	F03D7/02; B64D15/20; F03D7/06; F03D11/00	DETECTION OF ICE ON AIRFOILS
WO20110095 00 A1 20110127	US20090228196P 20090724	SIEMENS AG [DE]; KROGH MIKKEL VERNER [DK]	B66C1/62; B66C1/66; F03D1/00; F03D11/04	LIFTING FITTING

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WO20110095 38 A2 20110127	DE200910034114 20090720; DE201010010297 20100304	WADER WITTIS GMBH [DE]; BEHR PETER [DE]; WADER JOCHEN [DE]	F03D1/00	METHOD AND DEVICE FOR TRANSPORTING AND FOR ASSEMBLING WIND TURBINES
WO20110106 64 A1 20110127	JP20090170705 20090722; JP20090273385 20091201; JP20090273386 20091201; JP20090273387 20091201; JP20090273388 20091201	NTN TOYO BEARING CO LTD [JP]; YUKI HIROSHI [JP]; OHKI CHIKARA [JP]; YAGITA KAZUHIRO [JP]	C21D9/40; C21D1/10; C22C38/00; C22C38/22; C22C38/44; F03D11/00; F16C19/38; F16C33/62; F16C33/64	METHOD FOR HEAT-TREATING A RING-SHAPED MEMBER, METHOD FOR PRODUCING A RING-SHAPED MEMBER, RING-SHAPED MEMBER, BEARING RING, ROLLING BEARING, AND METHOD FOR PRODUCING A BEARING RING
WO20110110 11 A1 20110127	WO2009US51604 20090723	ZWERN ARTHUR LOUIS [US]	F03D9/00	INTEGRATED INFRASTRUCTURE FOR SUSTAINABLE LIVING
WO20110111 09 A1 20110127	US20090226950P 20090720	WINDPIPE CORP [US]; TUTTLE JOHN R [US]	F03D11/00; F03D1/04; F03D3/04	METHOD AND SYSTEM OF EXTRACTING ENERGY FROM WIND
WO20110113 58 A2 20110127	US20090226943P 20090720	HAN KYUNG-SOO [US]	F03D7/00; F03B15/02; H02P9/04	A SYSTEM AND METHOD FOR PROVIDING A CONSTANT OUTPUT FROM A VARIABLE FLOW INPUT
WO20110115 15 A1 20110127	US20090271406P 20090721	ENER2 LLC [US]; MOSER GEORGE [US]; LINN RANDY W [US]; WALWORTH VAN [US]; YORK JEROME B [US]	F03D9/00	WIND TURBINE
WO20110116 82 A2 20110127	US20090227931P 20090723	PARKER HANNIFIN CORP [US]; KOVACH JOSEPH A [US]; KIMPEL RICHARD D [US]; COLLETT RAYMOND E [US]	F03D9/02	WIND TURBINE DRIVE SYSTEM
WO20110118 56 A1 20110203	CA20092673221 20090730	ARMANI SARA [CA]; ALVI ARMANI ANTONIO [CA]; ARMANI FERNANDO [CA]	B60K16/00; B60L8/00; F03D9/00	SELF-CHARGING ELECTRICAL CAR WITH WIND ENERGY RECOVERY SYSTEM

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WO20110123 34 A1 20110203	IT2009RE00077 20090728	COMET S R L [IT]; GAMBERINI ENZO [IT]	F03D3/04	A WIND TURBINE
WO20110129 70 A1 20110203	IT2009CO00026 20090728	WINDESIGN S R L [IT]	F03D3/00; F03D3/06	HYBRID TYPE VERTICAL SHAFT TURBINE FOR WIND POWER GENERATING DEVICES
WO20110131 05 A2 20110203	IT2009PI00096 20090731	CHIARELLI MARIO ROSARIO [IT]; MASSAI ANDREA [IT]; BOLOGNESI PAOLO [IT]; RUSSO GIOVANNI [IT]; ATZENI DAVIDE [IT]	F03D3/00; F03D3/04; F03D3/06	AEROGENERATOR WITH FREE INTERNAL FLOW ROTOR
WO20110135 36 A1 20110203	JP20090174261 20090727	NTN TOYO BEARING CO LTD [JP]; HORI MICHIO [JP]; KUWAHARA NURUMU [JP]	F16C33/372; F03D11/00; F16C19/18; F16C19/20	ROTATING SHAFT BEARING AND ROTATING SECTION SUPPORT DEVICE FOR WIND TURBINE
WO20110135 51 A1 20110203	JP20090176016 20090729	NTN TOYO BEARING CO LTD [JP]; HORI MICHIO [JP]; SUZUKI KATSUHIRO [JP]; KUWAHARA NURUMU [JP]	F16C33/78; F03D11/00; F16C19/16	SEAL STRUCTURE OF SLEWING BEARING AND SLEWING SUPPORT APPARATUS
WO20110140 75 A1 20110203	NO20090002792 20090731	UNI I STAVANGER [NO]; NERGAARD ARNFINN [NO]	F03D11/04; E02B17/04	METHOD OF ANCHORING A FLOATING WIND TURBINE AND ALSO A SYSTEM FOR USE DURING PRACTICE OF THE METHOD
WO20110141 47 A1 20110203	WO2009US04413 20090731	PRICE ARNOLD [US]	F03D9/00; F03D3/00; F03D11/00; F03D11/04	UTILITY GRID VERTICAL AXIS WIND TURBINE SYSTEM
WO20110143 43 A1 20110203	US20090533268 20090731	SIEMENS ENERGY INC [US]; OSWALD DONALD J [US]	G01R31/28; F03D1/00; H02B1/52	METHOD AND SYSTEM FOR TESTING YAWING SYSTEM FOR WIND TURBINE
WO20110150 34 A1 20110210	CN20091055992 20090806	UNIV SHANGHAI ELECTRIC POWER [CN]; SHANGHAI ZHONGYUE WIND ENERGY TECHNOLOGY DEV CO LTD [CN]; LI YONGGUANG [CN]; WANG JIAXIANG [CN]	F03D9/00; F03D9/02; F24D17/00; F24J3/00	WIND-HEATING HEAT SUPPLYING SYSTEM

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WO20110151 80 A2 20110210	DE200910036517 20090807	AERODYN ENG GMBH [DE]; SIEGFRIEDSEN SOENKE [DE]	F03D7/02	WIND TURBINE HAVING A DEVICE FOR MINIMIZING LOADS
WO20110152 15 A1 20110210	WO2009EP05677 20090805	POWERWIND GMBH [DE]; KORZENIEWSKI THOMAS [DE]	F03D1/00	SHEAR CLEAT FOR A WIND POWER PLANT
WO20110152 16 A1 20110210	WO2009EP05678 20090805	POWERWIND GMBH [DE]; KORZENIEWSKI THOMAS [DE]	F03D11/04	WIND ENERGY PLANT
WO20110155 63 A2 20110210	EP20090167385 20090806	ALSTOM WIND S L U [ES]; RODRIGUEZ TSOUROUKDISSIAN ARTURO [ES]	F03D7/02; E04B1/98; F03D11/04; F16F15/02	SYSTEM AND METHOD FOR DAMPING VIBRATIONS IN A WIND TURBINE
WO20110156 77 A1 20110210	ES20090001680 20090729	TORRES MARTINEZ M [ES]	F03D9/00; F04B1/04; F04B9/04; F04B17/02	HYDRAULIC PUMPING SYSTEM OF VARIABLE FLOW PER REVOLUTION
WO20110162 78 A1 20110210	JP20090183532 20090806	MITSUBISHI HEAVY IND LTD [JP]; ARINAGA SHINJI [JP]; WAKASA TSUYOSHI [JP]; MATSUSHITA TAKATOSHI [JP]	F03D7/04; F03D9/00; H02P9/00	WIND-POWER GENERATION DEVICE, CONTROL METHOD FOR WIND-POWER GENERATION DEVICE, WIND-POWER GENERATION SYSTEM, AND CONTROL METHOD FOR WIND-POWER GENERATION SYSTEM
WO20110165 96 A1 20110210	KR20090071218 20090803	WIN IN HO [KR]	F03D3/06	TWO-POLE TYPE WIND POWER GENERATION DEVICE FOR VALLEYS AND COLLECTIVE WIND POWER GENERATION SYSTEM USING SAME
WO20110170 24 A1 20110210	US20090273513P 20090805; US20090289286P 20091222; US20100306335P 20100219; US20100774392 20100505	TAI AND TSENG INVESTMENTS LLC [US]; TAI CHIH-CHENG [US]; MYSLINSKI LUCAS J [US]; CHANG CHYH- YIH; TSENG SHIH MING [US]; TSENG SHIH HSIANG [US]	F03D11/00	RENEWABLE ENERGY TRANSMISSION, GENERATION, AND UTILIZATION DEVICE AND METHOD

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WO20110175 94 A1 20110210	US20090231856P 20090806	NEWWINDTECH LLC [US]; GOPALSWAMY SWAMINATHAN [US]; SUNDARESAN SORAKAYALPET A [IN]	F03D5/00	HYDROSTATIC LINEAR WIND MILL FOR WIND ENERGY HARNESSING APPLICATIONS
WO20110177 80 A2 20110217	BA20090002730 20090812	BILIC JOSIP [BA]	F03D3/02; F03D3/04; F03D3/06	VERTICAL WIND TURBINE WITH TWO ROTORS (VWT- 2126)
WO20110179 04 A1 20110217	CN20091041855 20090812	CHEN KANGWEI [CN]	F03D3/00; F03B3/00; F03D7/06	NEW TYPE FLUID KINETIC ENERGY CONVERSION DEVICE
WO20110180 55 A1 20110217	CN20091167410 20090814	WANG YING [CN]; LIN QINGWAN [CN]	F03G7/00; F01B29/00; F03D9/00; F03G6/00	HIGHLY-COMPRESSED-AIR POWER SYSTEM
WO20110185 42 A2 20110217	ES20090030586 20090810	INGETEA TECHNOLOGY S A [ES]; OLEA OREGI ENEKO [ES]; LOPEZ TABERNA JESUS [ES]; CARCAR MAYOR AINHOA [ES]	F03D9/00	METHOD FOR CONTROLLING AN ENERGY CONVERSION SYSTEM
WO20110188 11 A1 20110217	IT2009FI00185 20090811	ENATEK S R L [IT]; TEGLIA GIOVANNI [IT]	F03D9/00; H02K3/47; H02K7/18; H02K21/24	AN ELECTRIC ALTERNATOR FOR WIND POWER GENERATORS
WO20110190 94 A1 20110217	WO2009KR04461 20090811	CRITICAL FACILITY SERVICE CORP [KR]; LEE YOUNG TAEK [KR]	F03B3/04; F03B5/00; F03B13/00; F03D5/00	POWER GENERATOR USING FLUID PIPE
WO20110193 21 A2 20110217	DK20090070084 20090814; US20090236898P 20090826	VESTAS WIND SYS AS [DK]; GUPTA AMIT KUMAR [SG]; OPINA GIL JR LAMPONG [SG]; TRIPATHI ANSHUMAN [SG]; KARUPPANAN YUGARAJAN [MY]; TUMABCAO MICHAEL CASEM [SG]	F03D7/00; F03D9/02	A VARIABLE SPEED WIND TURBINE, AND A METHOD FOR OPERATING THE VARIABLE SPEED WIND TURBINE DURING A POWER IMBALANCE EVENT

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WO20110197 39 A2 20110217	US20090539426 20090811	TSAO JASON [US]	H02P9/04; F02G1/04; F03D9/00	SOLAR AND WIND ENERGY CONVERTER
WO20110197 50 A2 20110217	US20100853066 20100809; US20090232625P 20090810	SCHMIDT HOWARD K [US]	E21B43/26	HYDRAULIC GEOFRACTURE ENERGY STORAGE SYSTEM
WO20110201 59 A1 20110224	AU20090903951 20090820	WINDWORKS ENGINEERING LTD [CY]; HESSAMODINI AZAD [AU]	F03D3/06; F03D11/04	A BLADE FOR A TURBINE
WO20110201 60 A1 20110224	AU20090903949 20090820	WINDWORKS ENGINEERING LTD [CY]; HESSAMODINI AZAD [AU]	F03D3/06; F03D11/04	A BLADE FOR A WIND TURBINE
WO20110201 61 A1 20110224	AU20090903950 20090820; AU20090903946 20090820	WINDWORKS ENGINEERING LTD [CY]; HESSAMODINI AZAD [AU]	F03D3/06; F03D11/04	A BLADE ASSEMBLY FOR A WIND TURBINE
WO20110208 76 A2 20110224	US20090235190P 20090819; US20090257215P 20091102; DK20090070186 20091102	VESTAS WIND SYS AS [DK]; NARASIMALU SRIKANTH [SG]; JEROMERAJAN PREMKUMAR [SG]	F03D11/00	A WIND TURBINE COMPONENT HAVING AN EXPOSED SURFACE MADE OF A HYDROPHOBIC MATERIAL
WO20110212 70 A1 20110224	WO2009JP64424 20090818	mitsubishi heavy ind ltd [JP]; SATO SHINSUKE [JP]; SHIRAISHI TATSUYA [JP]	F03D11/00	WIND POWER GENERATOR
WO20110212 91 A1 20110224	WO2009JP64568 20090820	mitsubishi heavy ind ltd [JP]; SATO SHINSUKE [JP]; HIRAI SHIGETO [JP]; SATO TOSHIHIRO [JP]	F03D11/00; F04D27/00	FAN DEVICE FOR WIND DRIVEN GENERATOR AND WIND DRIVEN GENERATOR
WO20110217 33 A1 20110224	WO2009KR04635 20090820	TAK SEUNG-HO [KR]	F03D3/06; F03D7/06; F03D11/00	COMPLEX WIND POWER GENERATING APPARATUS IN VARIABLE WIND SPEED TYPE AND METHOD THEREOF

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WO20110220 24 A1 20110224	WO2009US54665 20090821	CATCH THE WIND INC [US]; ROGERS PHILIP L [US]; BELEN FREDERICK C [US]	F03D9/00	WIND AND POWER FORECASTING USING LIDAR DISTANCE WIND SENSOR
WO20110225 35 A2 20110224	US20090235005P 20090819	NAT OILWELL VARCO LP [US]; WEAVER WALTER WARREN [US]; SPRINGETT FRANK BENJAMIN [US]; ENSLEY ERIC TREVOR [US]	F03D1/02; F03B1/00; F03B15/00; F03D3/02; F03D7/00	SUPER EFFICIENT REGULATOR
WO20110231 66 A2 20110303	DE200910039072 20090827	UNIV KASSEL [DE]; LAWERENZ MARTIN [DE]	F03D11/00	DEVICE FOR TRANSMITTING ENERGY BETWEEN A FLOWING MEDIUM AND A CRANKSHAFT
WO20110234 15 A2 20110303	US20090236192P 20090824	SIEMENS AG [DE]; LEWKE BASTIAN [DK]; JENSEN MARTIN JOHAN SMITH [DK]; OLSEN KAJ [DK]	H02G13/00	LIGHTNING PROTECTION SYSTEM
WO20110237 74 A2 20110303	DK20090070105 20090828; US20100309874P 20100303	VESTAS WIND SYS AS [DK]; MILO ANDERS HOLM [DK]	F03D11/00	WIND TURBINE DATA ACQUISITION SYSTEM
WO20110238 39 A1 20110303	ES20090001801 20090825	HERAS SANTAMARIA CESAR J [ES]	F03D3/04	VERTICAL WIND ENERGY COLLECTOR INCLUDING A BLADE-CONCEALING SCREEN
WO20110243 04 A1 20110303	WO2009JP65174 20090831	MITSUBISHI HEAVY IND LTD [JP]; ISHIOKA MASAHIRO [JP]; KOBAYASHI YASUYUKI [JP]	F03D7/04	DEVICE AND METHOD FOR MONITORING WIND TURBINE, AND PROGRAM
WO20110246 70 A1 20110303	JP20090196586 20090827	NABTESCO CORP [JP]; FUJIKAWA TOMOHIRO [JP]; HOSODA SHIGERU [JP]	F03D7/04; F03D11/00	YAW DRIVING DEVICE FOR WIND TURBINE
WO20110247 60 A1 20110303	JP20090198262 20090828	MITSUBISHI HEAVY IND LTD [JP]; HIRAI SHIGETO [JP]; OKANO YASUSHI [JP]; SATO SHINSUKE [JP]	F03D11/00; B01D46/42; F03D1/00	WIND TURBINE FOR WIND POWER GENERATION
WO20110248 98 A1 20110303	JP20090195749 20090826	MITSUBISHI HEAVY IND LTD [JP]; ISAYAMA SHUICHI [JP]; NISHIDA HIDEAKI [JP]	F16C17/02; F16H57/02	PLANETARY BEARING STRUCTURE

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WO20110253 43 A2 20110303	KR20090011355U 20090831	CHOI JEONG DONG [KR]	F03D5/00; F03D9/00; F03D11/04; G09F21/06	BALLOON WIND GATHERING TYPE POWER PLANT
WO20110254 59 A1 20110303	SG20090005675 20090824	KOH BENG LAI [SG]	F03D3/00; F03D3/04; F03D7/06	WIND POWER GENERATION SYSTEM AND METHOD
WO20110260 09 A1 20110303	US20090237735P 20090828	POLYSTRAND INC [US]; PILPEL EDWARD [US]; PILPEL BENJAMIN [US]	B64C27/473	THERMOPLASTIC ROTOR BLADE
WO20110262 10 A1 20110310	WO2010BR00315 20100901	DE SOUZA MONTEIRO NADILTON [BR]	F03D3/04; F03D3/00; F03D11/00; F03D11/04	VERTICAL OFFSHORE WIND TURBINE
WO20110262 50 A1 20110310	CH20090001367 20090903; CH20100001334 20100820	IDS HOLDING AG [CH]; STOEV ALEXANDER [CH]	H02P9/00; F03D7/00; F03D9/00; H02P9/04; H02P9/10	GENERATOR SYSTEM HAVING A GENERATOR THAT IS DIRECTLY COUPLED TO THE MAINS AND METHOD FOR OVERCOMING MAINS INTERRUPTIONS
WO20110262 56 A1 20110310	WO2009CN00998 20090903	BEIJING QIXIANG INNOVATION SCI; LI QUANDONG [CN]; LI YUEXIU [CN]; LI YUEFENG [CN]; LI SHIQING [CN]; SHI HONGYUAN [CN]	F03D9/00; F03D1/00	SYSTEM AND METHOD FOR HIGH ALTITUDE WIND POWER GENERATION
WO20110264 95 A2 20110310	DK20090070107 20090904; US20090241961P 20090914	VESTAS WIND SYS AS [DK]; BEHRENS TIM [DK]; WESTERGAARD CARSTEN HEIN [US]	F03D1/06	WIND TURBINE ROTOR BLADE
WO20110266 16 A1 20110310	DE200910039664 20090902; DE201010023250 20100609	BAUMER INNOTECH AG [CH]; BRAENDLE DANIEL [CH]; HUSISTEIN ROGER [CH]; NIGG ROGER [CH]	G01B21/32; F03D11/00	DEVICE FOR MEASURING AND/OR DETECTING DISTANCES AND DISTANCE CHANGES AND DEVICE FOR MEASURING AND/OR DETECTING MECHANICAL LOADS

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WO20110269 70 A2 20110310	DE200910040235 20090907	SUZLON ENERGY GMBH [DE]; WAGNER JUERGEN [DE]	F03D11/00	LIFTING DEVICE FOR A ROTOR OF A WIND TURBINE
WO20110270 14 A2 20110310	ES20090001824 20090904	PENALVA CORPAS MIGUEL ANGEL [ES]	F03D3/00	WIND TURBINE COMPRISING A VERTICAL AXLE
WO20110270 69 A1 20110310	FR20090055942 20090901	CRUGNALE IVANO [FR]	F03B17/00; F03D9/02	MINIATURE HYDROELECTRIC POWER PLANT
WO20110271 99 A2 20110310	IT2009RA00029 20090901	MANARA STEFANO [IT]; GALASSI LUCIA [IT]	F03D11/02; F16H37/08	STEPLESS GEAR RATIO VARIATOR
WO20110274 27 A1 20110310	WO2009JP65318 20090902	MITSUBISHI HEAVY IND LTD [JP]; YOSHIDA TAKAFUMI [JP]; SHODA KATSUHIKO [JP]; NAKAYAMA SHIN [JP]	F03D11/02; F03D9/00	WIND DRIVEN GENERATOR
WO20110280 67 A2 20110310	KR20090083907 20090907	RYU BYUNG-SUE [KR]; YU YOUNG-SIL [KR]	F03D3/06; F03D11/00	CYLINDRICAL WINDMILL FOR WIND POWER GENERATION
WO20110282 71 A2 20110310	US20090239885P 20090904	BAYER MATERIALSCIENCE LLC [US]; PYLES ROBERT A [US]; MATSCO JOEL [US]	B29C70/16; C08L75/04; F03D11/00	AUTOMATED PROCESSES FOR THE PRODUCTION OF POLYURETHANE WIND TURBINE BLADES
WO20110285 02 A2 20110310	US20090546882 20090825	QUALITY RES DEV & CONSULTING INC [US]; ALLAEI DARYOUSH [US]	F03D9/00; F03D1/00; F03D1/02; F03D11/00	POWER GENERATING SKIN STRUCTURE AND POWER GENERATION SYSTEM THEREFOR
WO20110292 15 A1 20110317	WO2009CN01024 20090911	LIAO FU-CHANG [TW]	F03D1/06; F03D9/00; F03D11/04	HORIZONTAL-SHAFT FAN-BLADE STRUCTURE
WO20110294 47 A2 20110317	DK20090070108 20090909; US20090243170P 20090917	VESTAS WIND SYS AS [DK]; CHANG YUN CHONG GABRIEL [SG]; LOH WUH KEN [SG]; LIM TIAN [SG]; KIM WHYE GHEE [SG]	F03D1/06	WIND TURBINE ROTOR BLADE

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WO20110295 15 A2 20110317	DE200910040908 20090911	TIMBER TOWER GMBH [DE]; GREGOR PRASS [DE]	F03D11/04	TOWER FOR A WIND POWER STATION AND METHOD FOR ERECTING A TOWER FOR A WIND POWER STATION
WO20110299 94 A1 20110317	FI20090005942 20090911	PEIKKO GROUP OY [FI]; TUOMINEN KARI [FI]	E02D27/42; E04C5/18; E04H12/22; F03D1/00	CONNECTING ELEMENT AND RADIAL REINFORCEMENT STRUCTURE
WO20110301 99 A2 20110317	IT2009MI01559 20090911	KNISEL STEFANO [IT]	F03D1/00	IMPROVED FOUNDATION FOR A WIND TURBINE TOWER
WO20110312 45 A2 20110317	TH20090004039 20090908; TH20090004535 20091007	SUTTISILTUM APICHAT [TH]	F03D3/00	VERTICAL AXIS WIND TURBINE GENERATOR
WO20110313 48 A1 20110317	US20090241295P 20090910; US20090256498P 20091030; US20100731612 20100325	NAT OILWELL VARCO LP [US]; SPRINGETT FRANK BENJAMIN [US]; BENNETT DEAN ALLEN [US]	F03D11/00; F03D1/00; F03D11/04	WINDMILL HANDLING SYSTEM AND METHOD FOR USING SAME
WO20110313 65 A2 20110317	US20090555446 20090908	FLODESIGN WIND TURBINE CORP [US]; WERLE MICHAEL J [US]; KEELEY WILLIAM SCOTT [US]; KENNEDY THOMAS J III [US]; PRESZ WALTER M JR [US]; DOLD ROBERT [US]	F03D1/04	WIND TURBINE WITH SKELETON-AND-SKIN STRUCTURE
WO20110313 80 A1 20110317	US20090241694P 20090911	DURHAM GARY L [US]; DURHAM H STEPHEN [US]	F03D3/06	DYNAMIC CROSS-SECTION FLUID ENERGY CAPTURE
WO20110315 77 A2 20110317	US20090240893P 20090909	NAT OILWELL VARCO LP [US]; DELAGO PIERRE CORNELIUS [US]; LONG WAYNE ROBERT [US]	F03D11/04; E04H12/34; F03D1/06	METHOD AND APPARATUS FOR WIND TURBINE ERECTION

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WO20110322 49 A1 20110324	WO2009CA01256 20090916	NICA HORIA [CA]	F03D3/06; F03D1/06	HOLLOW ROTOR CORE FOR GENERATING A VORTEX IN A WIND TURBINE
WO20110323 12 A1 20110324	WO2009CN74000 20090917	LIN HUIFENG [CN]	F03D1/04; F24J2/04	CONTROLLABLE SOLAR-HEAT-STORAGE HOT-AIR-FLOW WIND GENERATING SYSTEM
WO20110326 06 A1 20110324	WO2009EP62192 20090921	SIEMENS AG [DE]; EGEDAL PER [DK]	F03D7/00; G01M1/28; G01M1/36	METHOD FOR BALANCING A ROTOR MOUNTED ON A HUB OF A WIND TURBINE
WO20110328 97 A2 20110324	DE200910044036 20090917	SSB WIND SYSTEMS GMBH & CO KG [DE]; SCHOMAKERS ULRICH [DE]; WENSING HENDRIK [DE]	F03D11/00	WIND TURBINE
WO20110331 58 A2 20110324	ES20090001351U 20090915; ES20100000094 20100127	SALVAMENTO E CONTRAINCENDIOS S L [ES]; DURAN SUAREZ ALEJANDRO [ES]	G09B25/00; F03D1/00	MOVABLE WIND-POWER SIMULATOR FOR TRAINING SERVICE PERSONNEL
WO20110333 48 A2 20110324	CN20092216540U 20090918	URBAN GREEN ENERGY INC [US]; SONG HANJUN [CN]; LIU YUN [CA]; BLITTERSWYK NICOLAS [CA]	F03D3/06	VERTICAL AXIS WIND TURBINE AND ITS WIND ROTOR
WO20110335 45 A1 20110324	IT2009TO00706 20090916	CE S I CT STUDI IND DI TADDEI SIMONA MARIA & C S A S [IT]; TADDEI FRANCO [IT]	F03D5/00; B66D1/38; F03D11/04	ANTI-KINKING TRANSMISSION AND GUIDING SYSTEM FOR CABLES
WO20110340 56 A1 20110324	JP20090214165 20090916	ZEPHYR CORP [JP]; ITO RYOSUKE [JP]; OKUBO TAKANORI [JP]; CHIKASHIGE TADAAKI [JP]; YAMAZAKI TAKASHI [JP]; MATSUMIYA HIKARU [JP]	H02P9/00; F03D7/00; F03D7/04; F03D9/00	WIND POWER GENERATION DEVICE
WO20110342 68 A1 20110324	KR20090012142U 20090916	SON SUNG-CHUL [KR]	B63B15/00; B63H9/00; B63J3/04; F03D9/00	SMART SHIP

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WO20110343 61 A2 20110324	KR20090088073 20090917	AN KYUNG SANG [KR]; AN TAE BEOM [KR]; AN SUNG WON [KR]	F03D3/06; F03D11/00	ROTOR STRUCTURE FOR A FLUID-POWER- GENERATING SYSTEM
WO20110352 08 A1 20110324	US20090244039P 20090919	MURTONEN SALOMO [US]	F03D1/00	STREAMLINED WIND TURBINE OPTIMIZED FOR LAMINAR LAYER
WO20110354 15 A1 20110331	US20090245461P 20090924	WIND DO INC [CA]; GAGNON FRANCOIS [CA]	F03D1/04; F03D1/02; F03D3/02; F03D3/04; F03D7/00	WIND CONCENTRATOR FOR WIND TURBINE
WO20110355 41 A1 20110331	CN20091175882 20090923	SUZHOU RED MAPLE WIND BLADE MOULD CO LTD [CN]; MIRONOV GABRIEL [CA]	F03D11/02; F03D1/06; F03D3/06	WIND TURBINE BLADE AND ITS PRODUCING METHOD
WO20110355 48 A1 20110331	CN20091175881 20090923; CN20101215195 20100624	SUZHOU RED MAPLE WIND BLADE MOULD CO LTD [CN]; MIRONOV GABRIEL [CA]	F03D11/04; F03D1/06; F03D3/06; F04D29/34	INSERT FOR WIND TURBINE BLADE ROOT
WO20110357 88 A2 20110331	DK20090070128 20090928; US20090246537P 20090929	VESTAS WIND SYS AS [DK]; GJERLOEV CHRISTIAN [DK]; ABDALLAH IMAD [DK]; JOERGENSEN BRIAN [DK]	F03D7/02	WIND TURBINE STAND STILL LOAD REDUCTION
WO20110366 69 A2 20110331	US20090567774 20090927	VARIABLE WIND SOLUTIONS LTD [IL]; NADAM DROR [IL]; KAPLAN IAN [IL]; PADOWICZ RONEN [IL]	H02P9/14	SYSTEM AND METHOD FOR GENERATING AN ALTERNATING CURRENT OUTPUT SIGNAL
WO20110378 70 A2 20110331	US20090244847P 20090922	VALLEJO ROBERTO [US]	F03D3/06; F03D11/00	VERTICAL-AXIS WIND TURBINE
WO20110380 25 A2 20110331	US20100856695 20100816; US20100856693 20100816; US20090568091 20090928	FREIEZO LLC [US]; CUMINGS ROBERT C [US]; WEISBROD DERRICK J [US]; BIRLY RONALD J	F03D3/04; F03D3/02; F03D11/00	FLUID TURBINE DEVICES AND METHODS RELATED TO FLUID TURBINE DEVICES

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WO20110386 84 A1 20110407	CN20092219585U 20090930	ASIAN PRIME SOURCES LTD [CN]; REICH MARCUS [US]	F03D11/00; F03D1/00; F03D9/00; H02G13/00	WIND ENERGY CONVERTER
WO20110394 04 A1 20110407	WO2009FI50790 20091001	CUYCHA INNOVATION OY [FI]; UNIV CONSULTANTS OY [FI]; NURMIA MATTI [FI]	F01D5/02; F03B3/12; F03D3/06	METHOD FOR IMPROVING THE EFFICIENCY OF WIND OR WATER TURBINE AND A CORRESPONDING TURBINE
WO20110397 17 A2 20110407	ZA20090006757 20090929	RURAL PROPERTY GENERATION SERVICES PROPRIETARY LTD [ZA]; FRIEDENTHAL REGINALD [ZA]	F03D3/06	A WIND TURBINE
WO20110397 49 A1 20110407	IL20090201221 20090929	RE 10 LTD [IL]; RAZ CARMi [IL]; EYAL AHARON [IL]	F03D1/02; F03D7/02; F03D9/00; H02K7/18; H02K16/00	BI-ROTOR GENERATOR FOR EFFICIENT PRODUCTION OF AC ELECTRICITY
WO20110398 18 A1 20110407	WO2009JP05079 20091001	HITACHI LTD [JP]; SAWAHATA MASANORI [JP]; NISHIHAMA KAZUO [JP]; KOMURA AKIYOSHI [JP]; KORI DAISUKE [JP]; FUJIGAKI TETSUO [JP]; MIZUTANI SHUJI [JP]; IIZUKA MOTONOBU [JP]; AZEGAMI KENICHI [JP]	H02K19/16; F03D9/00	WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR SYSTEM
WO20110409 46 A1 20110407	US20090572342 20091002	ROLLS ROYCE NORTH AMERICAN TECHNOLOGIES INC [US]	F03D9/00	ELECTRICAL POWER GENERATION APPARATUS FOR CONTRA- ROTATING OPEN-ROTOR AIRCRAFT PROPULSION SYSTEM
WO20110419 94 A1 20110414	WO2009DE01444 20091010	PETERSEN OLAF [DE]	F03B17/06; F03D5/06; F03G7/08	SAIL POWER PLANT

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WO20110423 69 A2 20110414	DK20090001106 20091008; US20090249885P 20091008; DK20100070274 20100618; US20100356179P 20100618	VESTAS WIND SYS AS [DK]; ANDERSEN ASGER SVENNING [DK]; THOMSEN JESPER SANDBERG [DK]; MIRANDA ERIK CARL LEHNSKOV [DK]; ABDALLAH IMAD [DK]; CHRISTENSEN POUL BRANDT [DK]; ZAIB ALI [DK]; BACHMANN THOMAS TVILUM [DK]	F03D7/04	CONTROL METHOD FOR A WIND TURBINE
WO20110425 27 A1 20110414	EP20090172594 20091008	LM GLASFIBER AS [DK]; FUGLSANG PETER [DK]; BOVE STEFANO [DK]; SUBRAHMANYAM V V [IN]; LUND BRIAN [DK]; JENSEN LARS E [DK]; RADHAKRISHNAN SREERAM KOTTUMUKLU [DK]	F03D1/06	WIND TURBINE BLADE WITH PLURALITY OF LONGITUDINALLY EXTENDING FLOW GUIDING DEVICE PARTS
WO20110425 28 A1 20110414	EP20090172597 20091008	LM GLASFIBER AS [DK]; FUGLSANG PETER [DK]; BOVE STEFANO [DK]; GRABAU PETER [DK]; SUBRAHMANYAM V V [IN]; LUND BRIAN [DK]; JENSEN LARS E [DK]; RADHAKRISHNAN SREERAM KOTTUMUKLU [DK]	F03D1/06	WIND TURBINE BLADE HAVING A FORWARDLY ORIENTED FLOW GUIDING DEVICE

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WO20110425 30 A1 20110414	EP20090172592 20091008	LM GLASFIBER AS [DK]; FUGLSANG PETER [DK]; BOVE STEFANO [DK]; GRABAU PETER [DK]; SUBRAHMANYAM V V [IN]; LUND BRIAN [DK]; JENSEN LARS E [DK]; RADHAKRISHNAN SREERAM KOTTUMUKLU [DK]	F03D1/06	WIND TURBINE BLADE WITH LONGITUDINALLY EXTENDING FLOW GUIDING DEVICE HAVING A PLATE- SHAPED ELEMENT
WO20110425 76 A1 20110414	ES20090030806 20091006	LINEAS Y CABLES S A [ES]	F03D11/00; H02G13/00	SYSTEM FOR PROTECTING WIND TURBINES AGAINST ATMOSPHERIC DISCHARGES
WO20110441 30 A1 20110414	US20090249826P 20091008	KALISKI ARTHUR [US]	F03D3/06	SELF-REGULATING ROTOR
WO20110447 50 A1 20110421	CN20091197175 20091014	HUANG ZHENGMING [CN]	F03D1/06; B29C70/34; B29C70/54	WIND TURBINE BLADE STRUCTURE, PROCESSING AND FORMING METHOD THEREOF
WO20110451 46 A1 20110421	DE200910049334 20091014	SCHAEFFLER TECHNOLOGIES GMBH [DE]; LANDECK CARSTEN [DE]; MANGOLD ANDREAS [DE]; SCHLEGEL THORSTEN [DE]	F16C33/60; F03D11/00; F16C19/38; F16C41/04	CONNECTION OF MULTI-PIECE ROLLING BEARING RINGS
WO20110458 20 A1 20110421	WO2009IT00464 20091013	BOLELLI ROBERTO [IT]	F03D3/06; F03B17/06	ENERGY CONVERSION ASSEMBLY
WO20110459 99 A1 20110421	JP20090238618 20091015	SUMITOMO ELECTRIC INDUSTRIES [JP]; OKAZAKI TORU [JP]	F03D9/00; F03D9/02; H05B6/02	ELECTRIC POWER GENERATION SYSTEM
WO20110463 33 A2 20110421	KR20090096818 20091012	KIM SE-BIN [KR]	F03D7/02; F03D7/04; F03D11/02; F03D11/04	WIND POWER GENERATING SYSTEM USING TURBINE BLADES RADially ARRANGED ALONG A CIRCULAR STRUCTURE

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WO20110463 83 A2 20110421	KR20090098000 20091015; KR20100098884 20101011	UNIV SOGANG IND UNIV COOP FOUN [KR]; PARK JUNG YUL [KR]; CHANG HYUNG KWAN [KR]; KIM DAE JOONG [KR]; YOON GIL HO [KR]	F03D9/00; F03D11/00; H02N2/00	WIND-POWERED ELECTRICITY GENERATING DEVICE AND A DUAL WIND-POWERED ELECTRICITY GENERATING SYSTEM
WO20110466 01 A1 20110421	US20090279095P 20091016; US20100925028 20101012	BLAKE VINCENT M [US]	F03D9/00	METHODS AND APPARATUS FOR GENERATING ELECTRICAL ENERGY BASED ON WASTE AIR FLOW
WO20110466 32 A1 20110421	US20090251844P 20091015	SMITH DANNY J [US]	G06F19/00	WIND POWER GENERATION SYSTEM
WO20110466 76 A2 20110421	US20090278815P 20091013	AERODYNERGY INC [US]; KRIETZMAN MARK H [US]; GLUCK PETER J [US]; FARONE WILLIAM A [US]; CHOW YUNG [US]	F03D3/06; F03D5/06; F03D11/00	WIND ENERGY SYSTEMS AND METHODS OF USE
WO20110474 48 A1 20110428	BE20090000641 20091019	HANSEN TRANSMISSIONS INT [BE]; SMOOK WARREN [BE]	F16H1/28; F03D11/02; F16H57/08	PLANETARY GEAR UNIT FOR A GEARBOX OF A WIND TURBINE AND PLANET CARRIER FOR USE IN SUCH PLANETARY GEAR UNIT
WO20110475 46 A1 20110428	CN20091110692 20091022	CHEN HONG [CN]; LI MAOHUA [CN]	F03D5/00	WIND GENERATOR WITH WATER FLOAT SAIL
WO20110475 62 A1 20110428	CN20091211320 20091025	CHEN YUNZUO [CN]	F03D3/00	BALLOON WINDMILL INTEGRATED SYSTEM FOR CONVERTING WIND ENERGY INTO MECHANICAL ENERGY
WO20110477 23 A1 20110428	WO2009EP63919 20091022	AMSC WINDTEC GMBH [AT]; WOLF ANTON [AT]	F03D1/00	FOUNDATION FIXING UNIT, WIND ENERGY CONVERTER, AND METHOD FOR FIXING A TOWER OF A WIND ENERGY CONVERTER ONTO A FOUNDATION
WO20110481 83 A1 20110428	DK20090070169 20091023; US20090254479P 20091023	VESTAS WIND SYS AS [DK]; NIELSEN THOMAS KORSGAARD [DK]	F03D11/00	A LUBRICATION SYSTEM FOR A GEAR SYSTEM PROVIDING EMERGENCY LUBRICATION

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WO20110482 03 A1 20110428	DE200910050378 20091022	PHOENIX CONTACT GMBH & CO [DE]; WETTER MARTIN [DE]; WAGENER CARSTEN [DE]	G01R29/08; F03D11/04	DEVICE FOR MEASURING LIGHTNING CURRENT IN THE TOWER OF A WIND TURBINE
WO20110482 20 A1 20110428	US20090604817 20091023	VESTAS WIND SYS AS [DK]; BOTWRIGHT ADRIAN [DK]; JUST HENNINGNORHOLM [DK]; HANSEN KRISTIAN KAAGAARD [DK]	B66C17/06; B66C23/62; F03D1/00	IMPROVED APPARATUS AND METHOD FOR ASSEMBLING WIND TURBINES
WO20110482 51 A1 20110428	ES20090002030 20091023	GAMESA INNOVATION & TECH SL [ES]; GARCIA ANDUJAR JUAN CARLOS [ES]; LOPEZ RUBIO JOSE MARIA [ES]	F03D7/02; F03D7/04	WIND-TURBINE CONTROL METHODS FOR IMPROVING POWER PRODUCTION
WO20110482 98 A2 20110428	FR20090057404 20091022	ELEAUME THOMAS [FR]; LE MARC GUY [FR]	F01C1/10; F01C1/30; F03B17/06; F03C2/08; F03D1/00; F03D1/04; F03D3/04	HIGH-EFFICIENCY POWER PRODUCTION UNIT
WO20110492 80 A1 20110428	KR20090099199 20091019	FINE CHEMICAL CO LTD [KR]; LEE SUNGYULL [KR]	F03D3/02; F03D3/04; F03D11/00	VERTICAL-AXIS WIND TURBINE SYSTEM
WO20110498 43 A2 20110428	US20090253562P 20091021	TECHNIP FRANCE [FR]; HARRIS PETER GRAHAM [US]; O'SULLIVAN JAMES [US]	F03D3/02	FLOATING VERTICAL AXIS WIND TURBINE MODULE SYSTEM AND METHOD
WO20110502 94 A2 20110428	US20090254133P 20091022	UNIV CORNELL [US]; MOON FRANCIS C [US]	F03D5/00; F03D5/06; F03D9/00; F03G7/08	DEVICE AND SYSTEM FOR HARVESTING ENERGY
WO20110504 52 A1 20110505	US20090254889P 20091026	LUX GLENN RAYMOND [CA]	F03D3/06; B64C27/473; F01D5/30	LIFT-TYPE VERTICAL AXIS TURBINE

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WO2011050569 A1 20110505	CN20091236293 20091026	SINOVEL WIND GROUP CO LTD [CN]; BU ZHONGLIN [CN]	F03D11/00; F03D1/06	BLADE SELF-REPLACEMENT DEVICE OF WIND GENERATING SET AND OPERATING METHOD THEREOF
WO2011050570 A1 20110505	CN20091236600 20091027	SINOVEL WIND GROUP CO LTD [CN]; LU JIZHUANG [CN]	F03D11/00	TOWER BARREL FOR WIND ELECTRIC POWER GENERATION
WO2011050754 A1 20110505	CN20091109902 20091102	ZHOU YUEPING [CN]	F03B9/00; F03D5/04; F03D11/00	WINDING WING CHAIN BAR DEVICE
WO2011050806 A2 20110505	DK20090070171 20091027; US20090255283P 20091027	VESTAS WIND SYS AS [DK]; CHOO JIAN HUEI [SG]	F03D1/06	BLADE HUB ADAPTOR
WO2011050823 A1 20110505	WO2009EP07721 20091028	POWERWIND GMBH [DE]; KORZENIEWSKI THOMAS [DE]	F03D11/00	FOLDABLE COOLER
WO2011050837 A1 20110505	WO2009EP64216 20091028	SKF AB [SE]; TANKE JESKO-HENNING [FR]; OVIZE PASCAL [FR]; GRUBER ANDREAS [AT]; SWETE WOLFGANG [AT]	F03D11/00; F16C33/78; F16J15/32	X-SHAPED SEAL FOR ROLLING BEARING, IN PARTICULAR FOR ROLLING BEARING USED IN A WIND TURBINE
WO2011050882 A2 20110505	DE200910051425 20091030	VOITH PATENT GMBH [DE]; PERNER NORMAN [DE]; MAIER WOLFGANG [DE]; SAUER ALEXANDER [DE]; HOLSTEIN BENJAMIN [DE]	F03D11/04	TIDAL POWER PLANT AND METHOD FOR THE CREATION THEREOF
WO2011050923 A2 20110505	DE200910051215 20091029	LI TEC BATTERY GMBH [DE]; SCHAEFER TIM [DE]; GUTSCH ANDREAS [DE]	F03D9/02	WIND TURBINE COMPRISING A BATTERY ARRANGEMENT
WO2011050999 A1 20110505	US20090256331P 20091030	SIEMENS AG [DE]; HILLIGSOEE PEDER R [DK]	F03D1/00; B66C1/16	BLADE DISMOUNTING SYSTEM WITH STRAP MOVEMENT

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WO20110512 72 A2 20110505	DK20090070174 20091027; US20090255292P 20091027	VESTAS WIND SYS AS [DK]; HAAKON A PORTA PETER [DK]; TRAN YU PHU DU [DK]; BJOERN HANS KRISTIAN [DK]; MADSEN STEFFEN HENRIK [DK]	F03D11/00	A WIND TURBINE
WO20110513 69 A2 20110505	DK20090070176 20091028; US20090255684P 20091028	VESTAS WIND SYS AS [DK]; LIINGAARD ANDERS HASLUND [DK]	F03D11/00	A WIND POWER INSTALLATION AND METHODS OF USING A MACHINE FRAME IN A WIND POWER INSTALLATION
WO20110514 92 A2 20110505	DK20090070185 20091102; US20090257221P 20091102	VESTAS WIND SYS AS [DK]; OELLGAARD BOERGE [DK]	F03D11/04	A SAFETY BLANKET
WO20110515 24 A2 20110505	ES20090002065 20091029	GAMESA INNOVATION & TECH SL [ES]; CHRISTENSEN MOGENS [DK]	F03D9/00; F03D1/06; F03D11/00	IMPROVED WIND-TURBINE POWER TRAIN
WO20110515 38 A1 20110505	WO2009FI50865 20091029	MERVENTO OY [FI]; HOLM PATRIK [FI]	F03D7/02; F03D11/00	WIND POWER STATION
WO20110517 78 A1 20110505	US20090279972P 20091027	CLIPPER WINDPOWER INC [US]; NEMILLA THOMAS E [US]; CHARLTON DANIEL R [US]; PHARRIS ROBERT [US]	F03D7/02; B64C27/00; F03D11/00; G01B11/26	SYSTEM FOR DETERMINING WIND TURBINE BLADE PITCH SETTINGS
WO20110525 36 A1 20110505	JP20090245072 20091026	RING CO LTD E [JP]; FUKUI TSUNEO [JP]	F03D1/04; F03D1/06; F03D7/04	WIND POWER GENERATOR
WO20110531 19 A1 20110505	WO2009NL00204 20091028	ACTIFLOW B V [NL]; TERRY ERIC LOUIS NORBERT [BE]; CAMPE ROY [BE]	F03D1/06	WIND TURBINE BLADE
WO20110531 77 A1 20110505	RO20090000874 20091028	ANDREESCU DAN [RO]	F03D1/06	PROCEDURE AND CONSTRUCTIVE SOLUTION FOR TWIN BLADES USED IN LARGE DIAMETER WIND TURBINES

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WO20110548 33 A1 20110512	DE200910053249 20091106	WOBLEN ALOYS [DE]; MEYER HERMANN [DE]; NEUNDLINGER ULRICH [DE]	B66B11/02	ELEVATOR
WO20110550 21 A2 20110512	FI20090006161 20091109	TERAESTORNI OY [FI]; LUHTALA PEKKA [FI]	F03D1/00	A METHOD AND AN APPARATUS FOR ASSEMBLING A WIND POWER PLANT
WO20110555 92 A1 20110512	JP20090253251 20091104	THK CO LTD [JP]; ASO TOSHIYUKI [JP]; AIDA TOMOYUKI [JP]; UNNO AKIHIRO [JP]; HAYASHI YUKI [JP]; MIYAJIMA AYAKO [JP]; TANI KAZUHIRO [JP]	H02K1/18; F03D1/06; F03D7/04; F03D11/00; H02K1/28	ROTARY MOTOR ACTUATOR AND HORIZONTAL AXIS WIND TURBINE
WO20110559 13 A2 20110512	KR20090105325 20091103	LEE MU IL [KR]	F03D9/00; F03D3/02; F03D3/04; F03D11/00	WIND POWER GENERATOR
WO20110559 62 A2 20110512	KR20090107409 20091109	AN SUN SOOK [KR]	F03D1/02; F03D11/02	WIND POWER GENERATING APPARATUS
WO20110563 44 A1 20110512	US20090249434P 20091103; US20090290590P 20091229	TIMKEN CO [US]; FOX GERALD P [US]; LANDIN HANS [US]	F03D11/02; F03D11/04; F16H1/28; F16H1/46; F16H37/08	MODULAR ASSEMBLY FOR AN INTEGRATED FLEX PIN DRIVE WITH GENERATOR
WO20110566 14 A2 20110512	US20100307618P 20100224; US20100316951P 20100324; US20090254949P 20091026	WILSON ROGER D [US]	F03D9/00; F03D1/04; F03D11/00; F03D11/04	HIDE-AWAY WINDMILL
WO20110567 67 A2 20110512	US20090257564P 20091103	SEPSTAR INC [US]; YU MEIHUA [US]; ZHANG JIETING [CN]	F03D1/06; F03D7/02	WIND TURBINE BLADE

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WO20110568 35 A1 20110512	US20090257578P 20091103	888 CORP [US]; PRINGLE FRANK G [US]	F03D3/02	HORIZONTAL AXIS RADIAL WIND TURBINE
WO20110570 67 A1 20110512	US20090258576P 20091105	BASSETT CLIFF [US]	F03D3/00	SYSTEMS AND METHODS TO GENERATE ELECTRICITY USING A FLOW OF AIR
WO20110576 33 A2 20110519	DK20090070199 20091111; US20090260416P 20091112	VESTAS WIND SYS AS [DK]; BEHRENS TIM [DK]; LIM LI HONG IDRIS [SG]; LIM TIAN [SG]; LIM CHEE KANG [SG]; LIM TECK BIN ARTHUR [SG]; CHONG KOK LEONG [SG]; KIM WHYE GHEE [SG]; CHANG YUN CHONG GABRIEL [SG]; KEN LOH WUH [SG]	F03D1/06	IMPROVED CONTROL OF WIND TURBINE BLADE LIFT REGULATING MEANS
WO20110576 64 A1 20110519	WO2009EP64999 20091111	AMSC WINDTEC GMBH [AT]; WOLF ANTON [AT]	F03D7/02; F03D11/00	DEVICE FOR ADJUSTMENT OF A ROTOR BLADE, WIND ENERGY CONVERTER, AND METHOD FOR ADJUSTING A ROTOR BLADE
WO20110578 28 A1 20110519	EP20090014181 20091112	SIEMENS AG [DE]; LEWKE BASTIAN [DK]	F03D11/00	LIGHTNING PROTECTION FOR A NACELLE OF A WIND TURBINE
WO20110579 15 A1 20110519	IT2009MI01997 20091113	ALFONSI GIANCARLO [IT]	F01D1/14; F03B3/08; F03B3/16; F03B11/02; F03D3/04	HIGH-PERFORMANCE TURBINE WITH INCREASED SPECIFIC POWER
WO20110579 40 A2 20110519	DK20090001213 20091113	VESTAS WIND SYS AS [DK]; KRISTENSEN JONAS [DK]	F03D11/04	FLOATING OFF-SHORE WIND TURBINE
WO20110580 99 A1 20110519	US20090261224P 20091113	SCHAEFFLER TECHNOLOGIES GMBH [DE]; SCHUSTER THOMAS [US]	G01P3/00; F03D7/00; G08C23/04	NON-INVASIVE SPEED SENSOR
WO20110581 58 A1 20110519	IT2009MI02007 20091116	WILIC S AR L [LU]; PABST OTTO [IT]	F03D1/00; E04H12/18; F03D11/04	WIND POWER PLANT FOR PRODUCING ELECTRIC ENERGY, AND RELATIVE PYLON CONSTRUCTION METHOD

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110581 70 A1 20110519	DK20090070209 20091116; US20090261471P 20091116	VESTAS WIND SYS AS [DK]; SOEBRINK KENT HANS [DK]	F03D7/02; H02J3/38	METHOD AND DEVICE FOR OPERATION OF A WIND POWER PLANT
WO20110581 84 A2 20110519	DE200910052809 20091113; DE200910053757 20091120	SUZLON ENERGY GMBH [DE]; WINKELMANN JOERG [DE]	F03D11/02	WIND TURBINE
WO20110583 96 A1 20110519	WO2009IB55052 20091113	PHELPS JO ANNE [US]	F03D9/00	POWER RECYCLER USING A STATIONARY BY-PRODUCT WIND SOURCE
WO20110585 10 A1 20110519	CL20090002068 20091112	MENA VERGARA SERGIO LUIS [CL]	F03D3/04	WIND ENERGY CAPTURING DEVICE
WO20110586 64 A1 20110519	JP20090257101 20091110	AOKI YOSHIO [JP]; AOKI YUJI [JP]	F03D1/06; F03D1/02	COMPOUND-TYPE WIND-DRIVEN ELECTRIC POWER GENERATOR
WO20110589 70 A1 20110519	JP20090258790 20091112	SANKI DENGYO CO LTD [JP]; OKA HIROAKI [JP]; OKA NARIAKI [JP]	F03D7/04; F03D1/06; F03D11/00	WIND-DRIVEN ELECTRIC POWER-GENERATING DEVICE
WO20110590 19 A1 20110519	JP20090260009 20091113	THK CO LTD [JP]; YAMADA YUKIO; YAMASHITA SHINJI	F16C29/02; F03D1/00; F03D11/00; F16C21/00; F16C29/06	TURNING STRUCTURE AND HORIZONTAL WIND TURBINE USING SAME
WO20110591 29 A1 20110519	KR20090107953 20091110; KR20090107950 20091110	WOO KWANG TECH CO LTD [KR]; IM IN-HO [KR]; HYUN JUNG-WOO [KR]; LEE HYUN- SEOK [KR]; KIM MIN-JI [KR]; AHN SAENG-YOUL [KR]; CHURAYEV SERGAY [KZ]	F03D9/02; F03D3/00; F03D11/02	ENERGY HARVESTING DEVICE EMPLOYING A PIEZOELECTRIC CERAMIC AND MAGNETS

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110592 49 A2 20110519	KR20090109874 20091113; KR20090134268 20091230; KR20100092531 20100920	KIM DUK BO [KR]; KIM DA WON [KR]	F03D3/06; F03D3/04; F03D11/00; F03D11/02	TURBO-TYPE VERTICAL-AXIS WIND POWER GENERATION APPARATUS, TURBO WIND POWER GENERATION APPARATUS HAVING LEFT AND RIGHT RUDDERS, WIND POWER GENERATION SYSTEM USING FITNESS EQUIPMENT, AND POWER AUGMENTATION APPARATUS FOR POWER GENERATION SYSTEM USING
WO20110605 15 A1 20110526	BR2009PI04699 20091119	FORSSELL BRUNO FRANCISCO RODRIGUES [BR]; PAES CRISTIANO ROCHA [BR]	F03D1/00; F03D3/00; F03D5/04	SYSTEM FOR UTILISING WIND ENERGY GENERATED IN RAILWAY TUNNELS BY THE MOVEMENT OF UNDERGROUND AND/OR OVERLAND TRAINS FOR GENERATING ELECTRIC ENERGY
WO20110610 16 A1 20110526	DE200920018040U 20091117	SSB WIND SYSTEMS GMBH & CO KG [DE]; BERTOLOTTI FABIO [DE]; KESTERMANN HERMANN [DE]; THIER MARC- ANDRE [DE]; BUELTEL TOBIAS [DE]; UPSING JOSEF [DE]; DAEMBERG TOBIAS [DE]; WIBBEN NORBERT [DE]	F03D11/00; H01M10/42	CONTROL CABINET FOR A WIND TURBINE
WO20110612 33 A2 20110526	DE200910046883 20091119	MOOG UNNA GMBH [DE]; ROESMANN TOBIAS [DE]	H02K23/64	PITCH DRIVE DEVICE FOR A WIND POWER OR HYDROELECTRIC POWER STATION
WO20110613 62 A2 20110526	ES20090002200 20091120	GAMESA INNOVATION & TECH SL [ES]; AARHUS KARL [DM]	F03D1/00; F03D9/00; F03D11/00; F03D11/04; H02K7/18	WIND TURBINE WITH INTERNAL TRANSPORT DEVICES
WO20110613 63 A1 20110526	ES20090002201 20091120	GAMESA INNOVATION & TECH SL [ES]; STEFFENSEN ULRIK [DM]	F03D9/00; F03D11/00	DIRECTLY ACTUATED POWER TRAIN FOR A WIND TURBINE
WO20110615 58 A1 20110526	WO2009IB55125 20091118	PERERA VIMAL [LK]	F03D3/00; F03D3/04	OMNIDIRECTIONAL WIND TURBINE FOR POWER GENERATION

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110617 64 A1 20110526	IS20090008862 20091120; IS20100008923 20100816	CRI EHF [IS]; KUMAR CHALLAPALLI NAGA KIRAN [IS]; TRAN KIM-CHIN [IS]; SIGURBJORNSSON OMAR FREYR [IS]; WHITLOW JONATHAN [US]; ALEXANDER KATHLEEN [GB]	C10G2/00; C01B3/04; C01B13/02; C07C29/00; C10J3/00; C25B1/04; F02C3/00; F03D9/00	STORAGE OF INTERMITTENT RENEWABLE ENERGY AS FUEL USING CARBON CONTAINING FEEDSTOCK
WO20110623 45 A1 20110526	KR20090111682 20091118	KIM JUEN SOO [KR]	B63J99/00; B63H9/00; F03D3/04	SHIP HAVING A WIND POWER GENERATOR
WO20110623 46 A1 20110526	KR20090111688 20091118	KIM JUEN SOO [KR]	F03D5/00; F03D11/04	WIND-COLLECTING TOWER FOR A WIND POWER GENERATOR
WO20110625 14 A1 20110526	WO2009PL50035 20091118	IWANOWSKI DARIUSZ KRZYSZTOF [PL]	F03B13/00; F03D9/02; F03G6/00; F15B1/04; H02J15/00	METHOD AND SYSTEM FOR RENEWABLE ENERGY STORE IN TEMPERATURE-PRESSURE TANK OF ENERGY AND CONVERSION TO ELECTRICAL ENERGY
WO20110626 35 A2 20110526	US20090281671P 20091120	CUCCI PETER J [US]; SMOLLON FRANCIS X [US]	F03D7/00	SYSTEM AND METHOD FOR COLLECTING, AUGMENTING AND CONVERTING WIND POWER
WO20110626 36 A1 20110526	US20090281637P 20091120	CUCCI PETER J [US]; SMOLLON FRANCIS X [US]	F03D9/00	CONTROL SYSTEM AND METHOD FOR WIND POWER GENERATION PLANT
WO20110635 82 A1 20110603	CN20091249834 20091127; CN20092271146U 20091127	BAOTOU HUIQUAN RARE EARTHS INDUSTRY GROUP LTD [CN]; ZHANG FUQUAN [CN]	H02J3/38; F03D9/00; H02N6/00	GRID-CONNECTED POWER GENERATING SYSTEM OF SOLAR ENERGY AND WIND POWER PLANT

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110635 86 A1 20110603	CN20091227919 20091127	SHANXI PROVINCE PINGYAO REDUCER FACTORY [CN]; REN XIAOMING [CN]; LIANG XINWEN [CN]; FAN SHIYAO [CN]; PEI HONGZE [CN]; YAN HUANJING [CN]; AN LIANBAO [CN]	F03D9/00; F03D11/02	TRANSMISSION SYSTEM OF WIND POWER GENERATOR
WO20110635 96 A1 20110603	CN20091241617 20091127	SINOVEL WIND GROUP CO LTD [CN]; LI YAN [CN]	B63B27/00; F03D1/00	VESSEL FOR TRANSPORTING AND HOISTING OFFSHORE WIND GENERATING SET AND TRANSPORTING AND LIFTING METHOD
WO20110638 15 A1 20110603	DK20090070229 20091125	AVN ENERGY AS [DK]; RASMUSSEN OLE FOSGRAU [DK]	F03D7/02; F15B1/00	METHOD OF MOUNTING A HYDRAULIC PITCH CONTROL SYSTEM IN A WIND TURBINE HUB
WO20110640 02 A1 20110603	EP20090014636 20091124	SIEMENS AG [DE]; MUNK-HANSEN THORKIL [DK]	F03D11/00; F16C33/66; F16N31/00	GREASE COLLECTOR, WIND TURBINE NACELLE AND METHOD FOR COLLECTING EXCESS GREASE
WO20110640 06 A2 20110603	EP20090014701 20091125	SIEMENS AG [DE]; ERIKSEN UFFE [DK]; MARKUSSEN JENS [DK]; MUNK-HANSEN THORKIL [DK]; STIESDAL HENRIK [DK]	F03D11/00	NACELLE SHELL STRUCTURE, LOCK LABYRINTH AND WIND TURBINE
WO20110644 19 A1 20110603	ES20090002248 20091127	GAMON POLO VICENTE MARIA [ES]	F03D11/00; B64C11/18	CONCAVE BLADE FOR WIND TURBINE
WO20110645 53 A2 20110603	GB20090020749 20091126	BLADE DYNAMICS LTD [GB]; BROOME PETER ANTHONY [GB]; HAYDEN PAUL TREVOR [GB]	F03D1/06	AN AERODYNAMIC FAIRING FOR A WIND TURBINE AND A METHOD OF CONNECTING ADJACENT PARTS OF SUCH A FAIRING
WO20110646 59 A2 20110603	US20090283246P 20091130	CLIPPER WINDPOWER INC [US]; SMITH NEIL [US]; KISSINGER JOSH [US]	F03D1/06	WIND TURBINE BLADE LOWERING APPARATUS
WO20110656 56 A2 20110603	KR20090114207 20091124	KIM BYUN SOO [KR]; LEE YONG KOO [KR]; JUNG HYUN SEOK [KR]	F03B17/06; F03B9/00; F03D5/02	APPARATUS FOR CONVERTING KINETIC ENERGY OF A FLUID INTO ROTATIONAL KINETIC ENERGY

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110657 48 A2 20110603	KR20090113820 20091124	IZEN TECH CO LTD [KR]; SON JUNG HEUI [KR]	F03D1/06; F03D7/04	WIND-POWERED GENERATOR EQUIPPED WITH A BLADE ORIENTATION ANGLE ADJUSTING PART
WO20110666 75 A1 20110609	WO2009CN01373 20091204	ZHOU JINYOU [CN]	F03D9/00	SOLAR WIND ELECTRICITY-GENERATING DEVICE
WO20110666 77 A1 20110609	WO2009CN01375 20091204	ZHOU JINYOU [CN]	F03D3/04; F03B7/00	UNIVERSAL WIND AND HYDRAULIC ENGINE
WO20110667 32 A1 20110609	CN20091241324 20091204	SANY ELECTRIC CO LTD [CN]; JIANG JIANJUN [CN]	F16C19/10; F03D7/00; F03D11/00; F16C33/58; F16C33/64	ROTATING BEARING
WO20110672 90 A1 20110609	DK20090070237 20091201; US20090265546P 20091201	VESTAS WIND SYS AS [DK]; WONG VOON HON [SG]; KANDASAMY RAVI [SG]; NARASIMALU SRIKANTH [SG]; LARSEN GERNER [DK]; ABEYASEKERA TUSITHA [DK]; KNUDSEN PETER C [DK]	F03D11/00	A WIND TURBINE NACELLE COMPRISING A HEAT EXCHANGER ASSEMBLY
WO20110673 23 A2 20110609	DK20090070240 20091202; US20090265978P 20091202	VESTAS WIND SYS AS [DK]; HIBBARD PAUL [SG]; HANCOCK MARK [GB]	F03D1/06	SECTIONAL WIND TURBINE BLADE
WO20110675 61 A1 20110609	GB20090021094 20091201	STATOIL ASA [NO]; SKAARE BJOERN [NO]; SVEEN DAGFINN [NO]; PRAMSTIG AAKE [SE]; JACKSON ROBERT [GB]	F16H61/444; F03B13/16; F03D11/02	HYDRAULIC TRANSMISSION SYSTEM
WO20110676 33 A1 20110609	US20090283287P 20091201	CLIPPER WINDPOWER INC [US]; HAHLEBECK EDWIN C [US]; KLEIN FRANK [US]; MIKHAIL AMIR S [US]; CHOBOT ANTHONY [US]	F16H55/08; F03D11/00; F16H1/28	GEAR TOOTH PROFILE FOR A WIND TURBINE

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110681 52 A1 20110609	JP20090274365 20091202	NIPPON STEEL CORP [JP]; TAENAKA SHINJI [JP]; KANNO RYOICHI [JP]; OIKAWA YOSHIKI [JP]	E02D27/32; E02B3/06; E02B17/00; E02D27/14; E02D27/52; F03D11/04	UNDERWATER STRUCTURE, METHOD FOR CONSTRUCTING SAME, METHOD FOR DESIGNING UNDERWATER STRUCTURE, AND METHOD FOR MODIFYING SAME.
WO20110681 55 A1 20110609	JP20090277021 20091204; JP20090277050 20091204	NIPPON STEEL CORP [JP]; ISHIKAWA TADASHI [JP]; HONMA RYUICHI [JP]; ICHIKAWA KAZUTOSHI [JP]	B23K31/00; B23K15/00; B23K15/06; F03D11/04	BUTT WELDED JOINT OF WELDED STRUCTURE, AND METHOD FOR MANUFACTURING SAME
WO20110685 64 A1 20110609	US20090630010 20091203	VO HOANG LUU [US]	F03D9/00	POWER GENERATION DEVICE
WO20110695 04 A1 20110616	WO2009DK50327 20091209	WIDEX AS [DK]; PALUDAN- MULLER CARSTEN [DK]; NOERGAARD PETER MAGNUS [DK]	F03D1/00; B66C23/20; E04H12/34	METHOD OF PROCESSING A SIGNAL IN A HEARING AID, A METHOD OF FITTING A HEARING AID AND A HEARING AID
WO20110695 11 A1 20110616	DK20090070248 20091209; US20090267850P 20091209	VESTAS WIND SYS AS [DK]; KRISHNASWAMY MOHAN RAJ [IN]; PERIYASAMY SARAVANAN [IN]	B29C35/08; F03D1/00	HEATING APPARATUS
WO20110696 86 A1 20110616	EP20090015262 20091209	SIEMENS AG [DE]; LEWKE BASTIAN [DK]	F03D11/00	LIGHTNING PROTECTION SYSTEM FOR A WIND TURBINE AND WIND TURBINE WITH A LIGHTNING PROTECTION SYSTEM
WO20110701 37 A1 20110616	DK20090070252 20091211; US20090285711P 20091211	VESTAS WIND SYS AS [DK]; HIBBARD PAUL [SG]	F03D1/00; F03D1/06	A SECTIONAL BLADE
WO20110701 94 A1 20110616	ES20090002312 20091211	GRUPO DE INGENIERIA OCEANICA S L [ES]; DEL CAMPO Y RUIZ DE ALMODOVAR CESAR [ES]	F03D1/00; F03D1/06; F03D11/04	EQUIPMENT AND METHOD FOR INSTALLING THE THIRD BLADE OF A WIND TURBINE

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110701 96 A1 20110616	ES20090002314 20091211	GRUPO DE INGENIERIA OCEANICA S L [ES]; DEL CAMPO Y RUIZ DE ALMODOVAR CESAR [ES]	E04H12/34; F03D11/04	TELESCOPIC STRUCTURE AND HOISTING SYSTEM THEREOF
WO20110709 84 A1 20110616	JP20090278022 20091207	MITSUBISHI HEAVY IND LTD [JP]; TAKEUCHI HIROAKI [JP]; HOTTA KAZURO [JP]; OKADA KOZUE [JP]; NISHIDA HIDEAKI [JP]	F16J15/18; F03D11/02	SEAL STRUCTURE OF MECHANICAL DEVICE, AND WIND POWER GENERATOR
WO20110714 15 A2 20110616	RU20090145554 20091208	DIGORAN IRINA PAVLOVNA [RU]; ALATIN PAVEL DMITRIEVICH [RU]	F03D1/00; H02P9/00	WIND TURBINE POWER-GENERATING MACHINE WITH COUNTER-PRESSURE SCREEN
WO20110714 44 A1 20110616	SE20090001531 20091207	HEXICON AB [SE]; TUNBJER ANDERS [SE]; SUNDQUIST PERCY [SE]; LANDVIK DAG [SE]	F03D11/04	FLOATING ENERGY PRODUCING PLANT
WO20110718 41 A2 20110616	US20090632699 20091207	MDL ENTPR LLC [US]; ORTIZ LUIS M [US]; BACA ANTHONY MICHAEL [US]; WICHERS DON [US]	F03D1/04; F03D11/00; F03D11/04	WIND-DRIVEN ELECTRIC POWER GENERATION SYSTEM ADAPTED FOR MOUNTING ALONG THE SIDE OF VERTICAL, MAN-MADE STRUCTURES SUCH AS LARGE BUILDINGS
WO20110721 60 A2 20110616	US20090285069P 20091209	UNIV NEW YORK STATE RES FOUND [US]; DAS SAMIR RANJAN [US]	H04W40/34; F03D1/00; H04W16/28	INTER-NODE COMMUNICATION METHOD AND SYSTEM
WO20110724 02 A1 20110623	WO2009CH00397 20091214	HABECO S A [CH]; PIMPIREV ALEXANDER NIKOLOV [BG]	F03D3/06	MULTI-PURPOSE VERTICAL AXIS WIND TURBINE
WO20110726 89 A2 20110623	DK20090001327 20091215; US20090286415P 20091215	VESTAS WIND SYS AS [DK]; DALSGAARD SOEREN [DK]	F03D7/04	WIND POWER PLANT CONTROLLER FOR AVOIDING COMMON CAUSE SHUTDOWN
WO20110734 67 A1 20110623	ES20090002327 20091214	TORREZ MARTINEZ M [ES]; GARCIA SANZ MARIO [US]	F03D7/02; F03D7/04; F03D9/00	HYDRAULIC WIND TURBINE SYSTEM WITH VARIABLE FLOW-RATE PER REVOLUTION AND CONSTANT PRESSURE

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110735 88 A2 20110623	FR20090059112 20091217	CHAIGNEAU MARC ALBERT [FR]	F03D3/00; F01D5/02; F03D3/02; F03D3/06	ROTOR ELEMENT FOR A POWER GENERATION SYSTEM AND POWER GENERATION SYSTEM USING SAME
WO20110742 78 A1 20110623	JP20090299445 20091218	KATO SHOJI [JP]	F03D3/06; F03B13/26; F03D9/00; F03D11/00; F03D11/04	COMBINED TIDAL/WIND POWER GENERATOR
WO20110743 32 A1 20110623	JP20090284254 20091215	MITSUBISHI HEAVY IND LTD [JP]; TAKEUCHI HIROAKI [JP]; NISHIDA HIDEAKI [JP]; SHODA KATSUHIKO [JP]; YUGE ATSUSHI [JP]	F03D11/02; F03D1/06; F16H3/54	TRANSMISSION FOR WIND POWER GENERATION EQUIPMENT, AND WIND POWER GENERATION DEVICE
WO20110743 95 A1 20110623	JP20090285537 20091216	MITSUBISHI HEAVY IND LTD [JP]; SATO SHINSUKE [JP]; HIRAI SHIGETO [JP]; OKANO YASUSHI [JP]; NAKAMURA TAISUKE [JP]; MATSUO TAKESHI [JP]	F03D11/00	WIND POWERED GENERATOR
WO20110750 80 A1 20110623	DK20090001336 20091217; US20090287213P 20091217	VESTAS WIND SYS AS [DK]; ZHANG TIE LING [SG]; TOO KIM HUI [SG]; ZAIN ABDULLAH [SG]	G01R31/36; F03D1/00	METHOD AND SYSTEM FOR ESTIMATING THE LIFETIME OF A BATTERY OF AN ENERGY BACKUP SYSTEM OF A WIND TURBINE
WO20110758 33 A1 20110630	US20090289738P 20091223	BRI ENERGY SOLUTIONS LTD [CA]; IRELAND BARRY ROSS [CA]	F03D3/06	WIND TURBINE BLADES, AND THEIR USE
WO20110759 17 A1 20110630	WO2009CN76083 20091225	BEIJING KHANWIND TECH LTD [CN]; DU YINGZHUO [CN]; GAO DONGHE [CN]; AN DEXI [CN]	F03D11/00; B29C70/00; F03D1/00	WIND GENERATOR TOWER

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110759 20 A1 20110630	WO2009CN76094 20091225	BEIJING KHANWIND TECH LTD [CN]; DU YINGZHUO [CN]; ZHANG WANG [CN]; WANG PENGFEI [CN]; BO ZHANXIANG [CN]	F03D11/02	RECOMBINED BAMBOO WIND GENERATOR BLADE
WO20110759 38 A1 20110630	JP20090299549 20091225	LIANG TAO [CN]	F03D5/06; F03D3/00; F03D5/00	WIND POWER GENERATING DEVICE
WO20110767 95 A2 20110630	DK20090070287 20091221; US20090288617P 20091221	VESTAS WIND SYS AS [DK]; BECH ANTON [DK]; BITSCH MICHAEL LUNDGAARD [DK]	F03D1/06	A HUB FOR A WIND TURBINE AND A METHOD FOR FABRICATING THE HUB
WO20110767 96 A2 20110630	DK20090070286 20091221; US20090288623P 20091221	VESTAS WIND SYS AS [DK]; BECH ANTON [DK]; BITSCH MICHAEL LUNDGAARD [DK]	F03D1/06	A REINFORCED HUB FOR A WIND TURBINE
WO20110769 57 A1 20110630	WO2009ES70612 20091221	FUNDACION ROBOTIKER [ES]; IBANEZ ERENO PEDRO [ES]; RICCI PIERPAOLO [ES]; PEREZ MORAN GERMAN [ES]; MARINO BILBAO IKER [ES]; VILLATE MARTINEZ JOSE LUIS [ES]	F03D9/00	ELECTRICAL INTERCONNECTION SYSTEM BETWEEN AT LEAST ONE ELECTRICITY GENERATOR AND ONE ELECTRICITY TRANSFER SYSTEM, IN A MARINE ENVIRONMENT
WO20110771 34 A2 20110630	GB20090022536 20091224	GORDON DAVID [GB]	F03D7/00	POWER GENERATION APPARATUS
WO20110774 24 A1 20110630	US20090288386P 20091221	UNIV RAMOT [IL]; SEIFERT AVRAHAM [IL]; STALNOV OKSANA [IL]; FONO ILAN [IL]; DAYAN ISAAC [IL]; TROSHIN VICTOR [IL]; AVNAIM MAOR HAI [IL]; PALEI VITALI [IL]	B64C21/02; F03D1/06	OSCILLATORY VORTICITY GENERATOR AND APPLICATIONS THEREOF

Número do documento	Prioridade(s)	Depositante	Classificação Internacional	Título
WO20110775 45 A1 20110630	WO2009JP71574 20091225	MITSUBISHI HEAVY IND LTD [JP]; ESAKI KOUJI [JP]; KUROIWA TAKAO [JP]; KAWASETSU NOZOMU [JP]	F03D11/00; F03D1/06	WINDMILL ROTARY VANE
WO20110778 81 A1 20110630	JP20090290660 20091222	MITSUBISHI HEAVY IND LTD [JP]; HIRANO TOSHIYUKI [JP]; ESAKI KOUJI [JP]; KUROIWA TAKAO [JP]	F03D11/00	WIND WHEEL BLADE AND WIND-DRIVEN ELECTRICITY GENERATION DEVICE USING SAME
WO20110779 70 A1 20110630	JP20090292398 20091224; JP20090292461 20091224	MITSUBISHI HEAVY IND LTD [JP]; NAKA TAKEHIRO [JP]; MATSUSHITA TAKATOSHI [JP]; NAKAMURA NOBUYASU [JP]; HAYASHI YOSHIHIKO [JP]; ARINAGA SHINJI [JP]	F03D11/00; F03D1/06	WIND WHEEL BLADE AND WIND-DRIVEN ELECTRICITY GENERATION DEVICE WITH SAME
WO20110783 26 A1 20110630	JP20090296159 20091225	MITSUBISHI HEAVY IND LTD [JP]; ESAKI KOUJI [JP]; HORI SHINICHI [JP]	F03D11/00; F03D1/06	WINDMILL ROTARY VANE AND WIND POWER GENERATING WINDMILL
WO20110783 27 A1 20110630	JP20090296146 20091225	MITSUBISHI HEAVY IND LTD [JP]; ESAKI KOUJI [JP]; KUROIWA TAKAO [JP]; KAWASETSU NOZOMU [JP]	F03D11/00; F03D1/06	ROTARY BLADE OF WINDMILL AND METHOD OF MANUFACTURING ROTARY BLADE OF WINDMILL
WO20110783 36 A1 20110630	JP20090296149 20091225	MITSUBISHI HEAVY IND LTD [JP]; SHINDO KENTARO [JP]; KAWASETSU NOZOMU [JP]; KUROIWA TAKAO [JP]; YAMASAKI HIROKAZU [JP]	B29C70/06; F03D11/00	DEVICE FOR LAMINATING REINFORCEMENT FIBER BASE MATERIAL AND METHOD FOR LAMINATING SAME
WO20110783 37 A1 20110630	JP20090296152 20091225	MITSUBISHI HEAVY IND LTD [JP]; ESAKI KOUJI [JP]; HORI SHINICHI [JP]	F03D11/00; F03D1/06	WINDMILL ROTARY VANE
WO20110784 50 A1 20110630	KR20090131256 20091224; KR20100038519 20100426	HWANG JI SEON [KR]	F03D3/06; F03D7/06; F03D11/00	WIND POWER GENERATOR

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WO20110784 51 A1 20110630	KR20090131274 20091224; KR20090131286 20091224; KR20100038520 20100426	HWANG JI SEON [KR]	F03D3/06; F03D11/00	ROTOR FOR WIND POWER GENERATION, AND WIND POWER GENERATOR INCLUDING SAME
WO20110788 76 A1 20110630	US20090614232 20091106	STEPHENS THOMAS GLENN [US]; BRANTLEY BRANDON D JR [US]; CORMEY JASON DANIEL [US]; VANCE ROBERT CLIFTON [US]; SKARZENSKI PETER CHRIS [US]	F03D3/06	FLUID TURBINE OPTIMIZED FOR POWER GENERATION
WO20110792 46 A2 20110630	US20090289423P 20091223	INDIANA UNIVERSITY RES & TECHNOLOGY CORP [US]; IZADIAN AFSHIN [US]	F03D11/00; F03D1/00; F03D11/02	CENTRAL WIND TURBINE POWER GENERATION

Anexo 1: Códigos dos Principais Países

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

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

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

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