

Pedidos de Patente sobre Energia Solar - Nº 5



**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 patentes 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://wordlwide.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 patentes sobre Energia Solar

Embora ainda não tenha sido inventado um sistema de produção de energia que seja totalmente limpo, diversas soluções para a crescente demanda energética mundial tem sido desenvolvidas visando minimizar os impactos negativos sobre o meio ambiente, dentre tais soluções destacam-se aquelas baseadas em fontes inesgotáveis de energia, tal como a energia solar.

Atualmente a produção de energia solar em grande escala ainda não apresenta custo competitivo se comparado aos sistemas tradicionais de geração de energia, tais como os baseados em combustíveis fósseis e a geração hidrelétrica, embora já existam em operação sistemas de aquecimento solares de baixo custo, usados para aquecimento de água em residências.

Deve-se considerar também que a produção de energia solar sofre a influência de condições climáticas adversas tais como: nebulosidade, chuva e neve, além de ser interrompida a noite. Tais características determinam a implantação de meios de armazenamento da energia produzida nos períodos favoráveis, aumentando os custos envolvidos na operação.

A despeito de tais fatores restritivos, o uso da energia solar apresenta muitas vantagens, podendo-se citar o fato de que a mesma tem por base uma fonte energética praticamente inesgotável.

Além disso, os processos de produção de energia solar tem baixo impacto sobre o meio ambiente, pois não emitem resíduos durante a conversão e os equipamentos utilizados tem baixo índice de manutenção, além disso podem ser instalados em localidades remotas, tal como o interior do Brasil, evitando elevados gastos com extensas linhas de transmissão.

Para ser utilizada, a energia solar inicialmente é capturada e depois é convertida para outras formas de potência, tais como calor e energia elétrica.

Os principais processos de aproveitamento da energia gerada pelo sol atualmente empregados são: o processo heliotérmico, também chamado de fototérmico ou termossolar, e o processo fotovoltaico.

No processo heliotérmico a energia solar é absorvida pelos corpos sob a forma de calor, os coletores solares, os quais aquecem fluidos (líquidos ou gasosos) que podem ser usados diretamente (como no caso da água quente) ou mantidos em reservatórios termicamente isolados. Tais fluidos aquecidos podem também gerar gases para o acionamento de turbinas.

Já no processo fotovoltaico, após a captura da luz solar, esta é diretamente convertida em energia elétrica pelo chamado efeito fotovoltaico, no qual uma diferença de potencial é gerada nos extremos de estruturas, a partir da absorção da luz por materiais semicondutores, sendo sua unidade fundamental a chamada célula fotovoltaica.

É de grande relevância notar que o território brasileiro possui latitude equatorial e está localizado, em sua maior parte, na região inter-tropical, com alto nível de incidência solar durante o ano. Outro fator extremamente positivo reside no fato de que possuímos grandes reservas de silício solar, matéria prima dos painéis de captação, constituindo importante vantagem estratégica a nível mundial.

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

Para 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 - CIP, na qual foram selecionados os pedidos de patente que apresentem pelo menos uma das classificações internacionais⁵ a seguir:

F24J 2/00 - Utilização de calor solar, por ex., coletores de calor solar

F24J 2/02 - Coletores de calor solar com suporte para o artigo aquecido, por ex: estufas, fogões, fornos de cadinho, fornalhas ou fornos de cozer utilizando calor.

F24J 2/04 - Coletores de calor solar com o fluido de trabalho conduzido através do coletor.

F24J 2/05 - Envoltos por um fechamento transparente, por ex., coletores solares a vácuo

F24J 2/06 - Com elementos de concentração

F24J 2/07 - Coletores que trabalham a alta temperatura, por ex., centrais de energia solar

F24J 2/08 - Lentes

F24J 2/10 - Refletores

F24J 2/12 - Parabólicos

F24J 2/13 - Hemisféricos

F24J 2/14 - Semi-cilíndricos ou parabólico-cilíndricos

F24J 2/15 - Cônicos

F24J 2/16 - Com placas planas

F24J 2/18 - Espaçados, as superfícies refletoras opostas interagindo

F24J 2/20 - O fluido de trabalho sendo conduzido através das placas

F24J 2/22 - Com superfícies estendidas, por ex., protuberâncias, corrugações

F24J 2/23 - O fluido de trabalho circulando livremente pelos elementos do coletor

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

- F24J 2/24** - O fluido de trabalho sendo conduzido através de condutos tubulares absorvedores de calor
- F24J 2/26** - Com superfícies estendidas, por ex., protuberâncias.
- F24J 2/28** - Com matéria permeável, foraminosa ou materiais porosos
- F24J 2/30** - Com meios para trocar de calor entre uma pluralidade de fluidos
- F24J 2/32** - Com seção de evaporação e condensação, por ex., tubos para conduzir calor
- F24J 2/34** - Com matéria armazenada de calor
- F24J 2/36** - Unidades coletoras giráveis ou dobráveis
- F24J 2/38** - Empregando meios de reboque
- F24J 2/40** - Disposições de controle
- F24J 2/42** - Sistemas de calor solar não incluídos em outro local
- F24J 2/44** - Com circulação termosifonada
- F24J 2/46** - Partes componentes, detalhes ou acessórios de coletores de calor solar
- F24J 2/48** - Caracterizado pelo material absorvedor
- F24J 2/50** - Coberturas transparentes
- F24J 2/51** - Isolamento térmico
- F24J 2/52** - Disposições de montagem ou suporte
- F24J 2/54** - Especialmente adaptados para movimentos rotativos
- H02N6/00** - Geradores em que a radiação luminosa é convertida diretamente em energia elétrica.

2. RESULTADOS

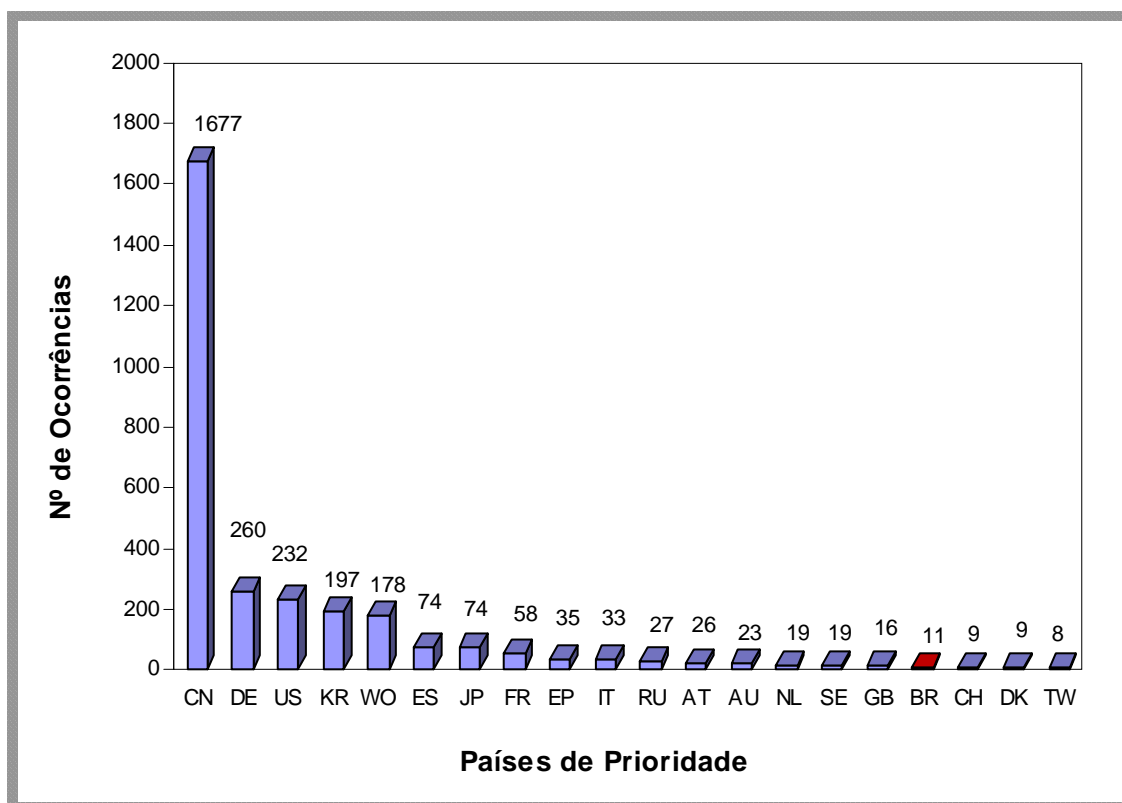
2.1 - Mundo

No Gráfico 1 são apresentados os países de prioridade⁶ dos documentos recuperados no primeiro semestre de 2011, bem como as ocorrências em cada país. A busca realizada no sistema resultou num total de 2879 documentos de patentes publicados ao redor do mundo no período considerado. Um ponto importante a ser analisado nesta massa de dados diz respeito ao país da prioridade unionista do depósito, 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

Com base no Gráfico 1 pode-se verificar que o país com maior incidência de pedidos de prioridade publicados no período considerado foi a China com 1677 documentos, representando 58,25% do total. A Alemanha ocupa o segundo lugar no ranking de prioridades de pedidos de patentes, com um total de 260 documentos, representando 9,03% do total. A terceira posição no ranking de prioridades é ocupada pelos Estados Unidos com 232 pedidos publicados, equivalendo a 8,05% do total, A Coréia do Sul com 197 pedidos prioritários detém o quarto lugar no ranking, equivalendo a 6,84% das ocorrências. Os pedidos de prioridade depositados por meio do sistema Patent Cooperation Treaty – PCT, que são designados pelo sigla WO – World Patent Organization, aparecem na quinta posição do ranking com 178 pedidos, representando 6,18% do total de pedidos prioritários publicados no período considerado no presente levantamento.

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

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.

De acordo com o gráfico 1 as siglas dos principais países de prioridade são apresentados abaixo (vide relação completa no Anexo I).

CN – China

DE – Alemanha

US – Estados Unidos da América

KR – Coréia do Sul

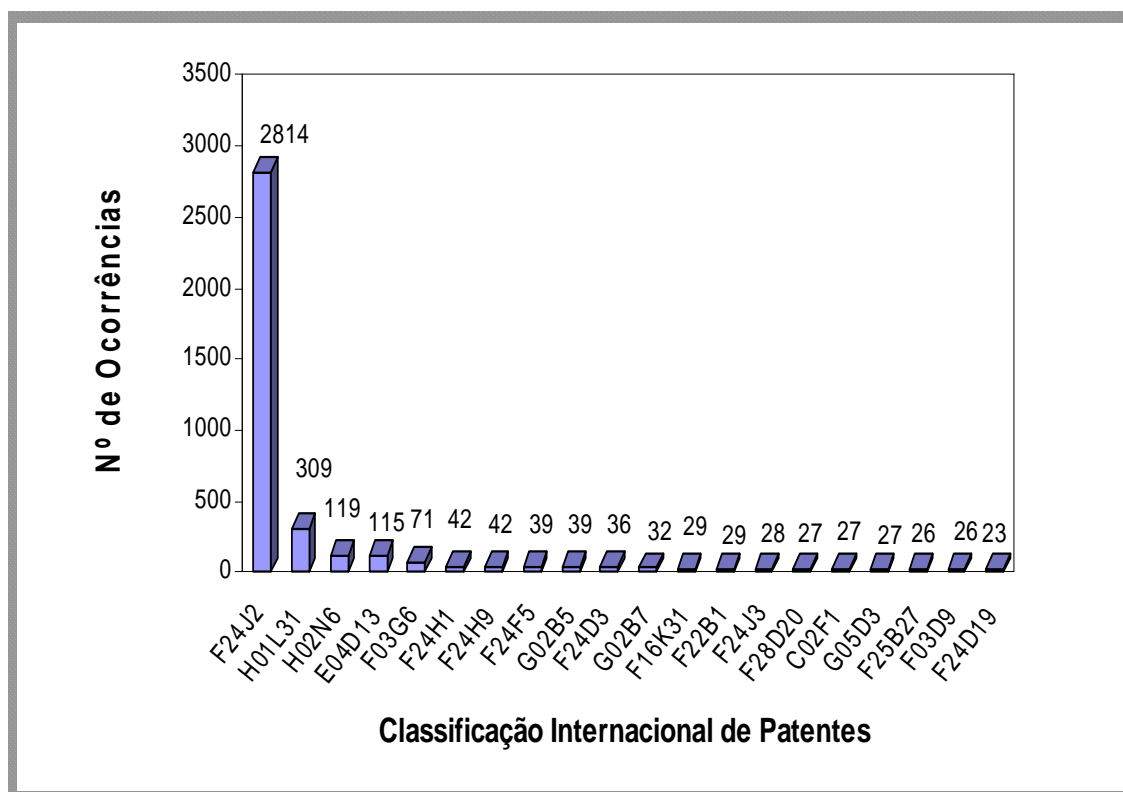
WO – World Patent Organization (PCT)

ES - Espanha

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, já que os mesmos cobriram todo o grupo F24J2/00, além do grupo H02N6/00 (a relação completa dos títulos dos subgrupos consta das páginas 8 e 9).

O gráfico 2, a seguir, apresenta tal distribuição. Este gráfico permite o monitoramento das tecnologias relacionadas à energia solar, 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.

No que diz respeito às áreas de concentração tecnológica dos pedidos, segundo a Classificação Internacional de Patentes, não foram observadas alterações significativas, em comparação ao levantamento anterior que compreendeu todo o segundo semestre de 2010. A única alteração significativa

diz respeito ao grupo principal H02N6/00, que subiu da quarta para a terceira posição com 119 incidências e ainda o grupo principal E04D13/00, saiu da terceira para a quarta posição do ranking perfazendo 115 incidências.

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

Depositante	Total de Documentos
BAOAN XU	80
BEIJING HIKEEN TECH CO LTD	80
BEIJING WISWORD HI TECH CO LTD	19
MITAKA KOKI KK	13
UNIV SOUTHEAST	12
BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	11
ABENGOA SOLAR NEW TECHNOLOGIES [ES]	10
BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	9
SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	9
YIAN FENG	8
JINGLONG ZHANG	8
UNIV MADRID POLITECNICA [ES]	8
TM TECH CO LTD [KR]	8
XUTANG QIU	8

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

Da Tabela 1 acima constam os principais depositantes de pedidos de patente publicados no primeiro semestre de 2011, referente a energia solar. Pode-se notar a condição hegemônica das empresas de origem chinesa, que ocupam 10 posições dentre os 14 maiores depositantes; sendo os titulares seis empresas, três inventores independentes e uma universidade os quais perfazem o total de 244 pedidos publicados.

Constam ainda da relação duas empresas japonesas que somam 13 pedidos publicados, outras duas empresas de origem espanhola com 18 pedidos, e ainda uma empresa de origem coreana com 8 pedidos publicados.

2.2 - Brasil

Tomando como base os dados constantes da Tabela 2, no que diz respeito aos pedidos de patente brasileiros, foram identificados doze documentos depositados no país, sendo onze com prioridade nacional, e um com prioridade holandesa. No período considerado, o Brasil ocupou a décima sétima posição dentre os 39 países com depósitos prioritários publicados.

O perfil dos depositantes brasileiros revela que dos doze pedidos encontrados, nove foram efetuados por inventores independentes, e três por empresas, incluindo-se neste segundo grupo o pedido com prioridade estrangeira.

Tal como ocorreu no segundo semestre de 2010, também não foram publicados pedidos prioritários de origem brasileira em outros países no primeiro semestre de 2011.

Tabela 2: Dados bibliográficos dos Pedidos de Patente sobre Energia Solar publicados no primeiro 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 – Wipo Organization, contam com 178 ocorrências e correspondem a pedidos de prioridade de diversas nacionalidades, já que o sistema PCT atualmente é adotado por 142 países.

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
AP2152 A 20101031	DE200510039404 20050820; WO2006DE01441 20060818	F24J2/16; F24J2/38; F24J2/54	NOVATEC BIOSOL AG [DE]	Fresnel solar collector arrangement.
AR073827 A1 20101201	ES20080002897 20081014		IBERDROLA INGENIERIA Y CONSTRUCCION S A U [ES]	RECEPTOR SOLAR PERFECCIONADO PARA COLECTORES CILINDRO-PARABOLICOS.
AR073828 A1 20101201	ES20080002896 20081014		IBERDROLA INGENIERIA Y CONSTRUCCION S A U [ES]	ESTRUCTURA MEJORADA APLICABLE A COLECTORES DE ENERGIA SOLAR CILINDRO-PARABOLICOS.
AT11369U U1 20100915	AT20100000117U 20100302	F24J2/24	RG FERTIGUNGSTE CHNIK GMBH [AT]	SOLAR ABSORBER
AT11437U U1 20101015	AT20080000354U 20080623	F24J2/06; F24J2/07	KARLSREITER HERBERT JOSEF ING [AT]	FL?CHENKONZENTRATOR
AT473402T T 20100715	GB20040025777 20041123; WO2005GB04477 20051122	F24J2/10; F02C1/05; F03G6/00; F03G6/06; F23G1/00; F23G5/08; F24J2/04; F24J2/24	ARKAS EVANGELOS [GB]; ARKAS NICHOLAS [GB]	SONNENENERGIEFALLE UND TURBINE
AT474106T T 20100715	DE200410009935 20040226; WO2005EP02095 20050228	E04F13/08; F16B37/04; F24J2/52	SECURA SERVICES AG [CH]	SYSTEM ZUR BEFESTIGUNG VON PLATTENELEMENTEN
AT475753T T 20100815	US20030505057P 20030924; WO2004DK00650 20040923	E04B1/76; B32B7/02; B32B15/04; E04B1/74; E04B1/80; F24J2/04; F28D20/00	INFINITY SYSTEMS AG [CH]	W?RMELEITENDES BAUELEMENT, BAUKONSTRUKTION UND VERFAHREN ZUM ERRICHTEN DER BAUKONSTRUKTION
AT475848T T 20100815	SE20020000287 20020131; WO2003SE00167 20030131	F24J3/08; F24D11/00; F24J2/42; F25B30/06	LOWTE AB [SE]	REGELVERFAHREN F?R EINE ANLAGE ZUM TEMPERIEREN EINES GEB?UDES

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
AT478310T T 20100915	DE200410001875 20040114; WO2005EP00296 20050114	F24J2/04; E04B7/22; E04D3/35; E04D13/17; F24J2/51; H01L31/048; H01L31/052	HAKE THOMAS [DE]	VAKUUMGED?MMTES, MODULARES DACHSYSTEM
AT479873T T 20100915	BE20070000537 20071106	F24J2/26	VIKTOR G [BE]	VERBESSERTER SONNENKOLLEKTOR
AT482365T T 20101015	DE200710015850 20070330; DE200710026473 20070605; WO2008EP01829 20080307	F24J2/14; F24J2/54	AMATON SA [BE]	PARABOLRINNENKOLLEKTOR
AT483944T T 20101015	US20040846112 20040514	F24J2/04; F24J2/22; F24F5/00; F24F7/06; F24J2/28	HOLLICK JOHN C [CA]	VERFAHREN UND VORRICHTUNG ZUM VORW?RMEN DER VENTILATIONS LUFT EINES GEB?UDES
AT483945T T 20101015	EP20070009430 20070510	F24J2/54; H01L31/042	PVSTROM GMBH & CO KG [DE]	TRAGESYSTEM F?R EINE NACHF?HRBARE SOLARANLAGE UND BAUSATZ
AT485482T T 20101115	DE200620016382U 20061020	F24J2/52	HB ENERGIETECHNI K VERWALTUNGS [DE]	FLACHDACHAUFSATZ MIT SOLARMODULEN
AT486371T T 20101115	EP20080162384 20080814	H01L31/042	DUDAS MIRKO [FR]	SOLARMODULANORDNUNG UND DACHANORDNUNG
AT487912T T 20101115	NL20041027032 20040914; NL20041027699 20041209; WO2005NL00669 20050914	F24J2/20; B21D53/04; F24J2/34; F24J2/38	RAYVIN BEHEER B V [NL]	SOLARKOLLEKTOR UND VERFAHREN ZU SEINER HERSTELLUNG
AT489600T T 20101215	IT2007MO00231 20070710; WO2008IB51874 20080512	F28F3/12; B28B3/02; B28B3/12; B28B5/02; B30B5/06; C04B35/00; F24J2/22; F24J2/48	SYSTEM SPA [IT]	VERFAHREN ZUR HERSTELLUNG VON SOLARPANEELN

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
AT507681 A4 20100715	AT20090000270 20090217	F24J2/52; E04D13/18; H01L31/048	SIMMER JANE BERYL [AT]	VORRICHTUNG FÜR DIE BEFESTIGUNG VON TEILEN AN BZW. ÜBER DER DACHFLÄCHE EINES GEBÄUDES, SOWIE EINEN BESCHLAG, WELCHER TEIL DIESER VORRICHTUNG IST
AT507682 A4 20100715	AT20090001056 20090706	F28D20/02; F24H7/04; F24H7/06; F24J2/02	ZIEGLER MAXIMILIAN [AT]	KACHELOFEN
AT507709 A1 20100715	AT20080000650 20080424	F24D11/02; F24D3/00; F24D3/18; F24D15/04; F24J2/04	VKR HOLDING AS [DK]	EINRICHTUNG ZUR WÄRMEGEWINNUNG
AT507710 A1 20100715	AT20080001762 20081113	F24D11/02; F24D3/00; F24D3/18; F24D15/04; F24J2/04	VKR HOLDING AS [DK]	EINRICHTUNG ZUR WÄRMEGEWINNUNG
AT507817 A1 20100815	AT20080002017 20081229	F24D11/00; F24J2/34; F28D20/00	HEFTER ARNOLD [AT]	SOLAR-WARMWASSER-FLACHSPEICHER
AT507964 A2 20100915	AT20100000956 20100611	F24J2/05; F24J2/38; F24J2/54; H01L31/048; H01L31/058	FERSCHITZ REINOLD ING [AT]	KOMBI-SOLARKOLLEKTOR
AT508056 A1 20101015	AT20090000540 20090406	F24J2/34; F24D11/02; F24J2/40	HEFTER ARNOLD [AT]	SOLARANLAGE
AT508104 A1 20101015	AT20090000242 20090212	H02J7/35; F24J2/40; G05F1/67; H02M7/44	FRONIUS INT GMBH [AT]	PHOTOVOLTAIKANLAGE MIT MEHREREN WECHSELRICHTERN, WECHSELRICHTER, USB- MASSENSPEICHERGERÄT UND VERFAHREN ZUM DURCHFÜHREN VON SOFTWARE-UPDATES AN WECHSELRICHTERN
AT508132 A4 20101115	AT20090000399 20090312	F24J2/04; F24J2/40	WISTRELA ROBERT [AT]	BAUTEIL
AT508133 A4 20101115	AT20090000719 20090512	F24J2/34	FRELLER WALTER ING [AT]	VORRICHTUNG ZUM ERWÄRMEN VON BRAUCHWASSER
AT508340 A2 20101215	AT20090000884 20090605	F24J2/04; F24J2/06	BUCHHORN GERO [CZ]; DOMME ALOIS [CZ]	VERFAHREN UND ANLAGE UM IN THERMISCHEN SOLARANLAGEN ZUR SYSTEMNUTZUNG HOHE TEMPERATUREN BIS ZUR DAMPFERZEUGUNG ZU ERZIELEN

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AT508341 A2 20101215	AT20090000896 20090610	F24J2/46; F24J2/00	HADLAUER MARTIN DIPL ING [AT]	REINIGUNGSSYSTEM FÜR SOLARKOLLEKTOREN
AU2009225293 A1 20100722	AU20090225293 20090106	F24J2/46; F21V29/00; F28F3/00; H01L31/04	JEN SHYAN CHEN	Energy transducing apparatus and energy transducing equipment
AU2009248427 A1 20100701	AU20080906409 20081212; AU20090901729 20090422; AU20090248427 20091211	F24J2/00	RIHA MIRKO	Care device
AU2009332855 A1 20100701	ES20080003694 20081224; WO2009ES70556 20091203	F24J2/54; H01L31/042	GLOBAL SOLAR FUND PARTNERS SAR [LU]	Solar tracking device for panels
AU2010100671 A4 20100909	AU20100100671 20100706	F24J2/46; H01L31/042; H05K7/02	CSANYI LASZLO	Solar (PV) array cable management solution
AU2010100828 A4 20100909	AU20100100828 20100803	F21V33/00; F24J2/00	PLANELEC SERVICES PTY LTD	Solar lighting tower
AU2010100919 A4 20100930	AU20100100919 20100824	F24J2/00; F24J2/04; F24J2/46; F24J2/48	ROGER ALTER	Solar home heating
AU2010100936 A4 20101007	AU20100100936 20100826	E04D1/00; E04D15/02; F24J2/46	UCRI CORP	Solar panel accommodating roof tile
AU2010100962 A4 20101007	AU20100100962 20100902	F24J2/46	ROBERT CARPENTER	Integrated Solar Thermal Collector
AU2010200189 B B1 20101125	KR20090122412 20091210; WO2009KR04417 20090807	C25B1/16; C02F1/04; C02F9/06; F24J2/00	OH BAE	Method and apparatus for separating caustic soda and fresh water from seawater by using green energy
AU2010200545 A1 20100902	AU20090900597 20090213; AU20100200545 20100215	F24J2/52; E04D13/18	PREFORMED LINE PRODUCTS AUSTRA	A system, apparatus and method for securing solar panels to a supporting structure

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AU2010200738 A1 20100916	AU20090900878 20090227; AU20100200738 20100226	F24J2/30; F24J2/04	SOLARPOWER PTY LTD	Solar hot water system
AU2010202723 A1 20100715	AU20080203073 20080710; AU20100202723 20100629; AU20020332986 20021024; AU2001PR08658 20011102; AU2001PR09231 20011130	F24H1/00; F24H1/18; F24H4/04; F24H9/00; F24J2/20; F24J2/26; F24J2/51; F25B30/06; F25B39/02; F25B39/04; F28D1/06	QUANTUM ENERGY TECHNOLOGIES PT	Improved water heater
AU2010236094 A1 20101118	AU20040253989 20040302; AU20100236094 20101028; WO2004EP02080 20040302; IT2003MO00191 20030626	E04D13/147; B44C5/00; E04F17/02; E04F21/00; F24F13/20; F24J2/04; F24J2/34; F24J2/46; F24J2/52	STRASSO PASQUALE	Apparatus and method for installing functional non-architectural elements
AU2010259633 A1 20101216	JP20090138576 20090609; WO2010JP59674 20100608	F24J2/24; F02C1/05; F03G6/00; F24J2/10	MITSUBISHI HEAVY IND LTD	Solar central receiver
BE1018302 A5 20100803	BE20080000558 20081008		BARROO STEFAN GASTON CORNEEL [BE]	KLIMATISATIE-INRICHTING.
BE1018381 A3 20100907	BE20080000694 20081223		ARDIX [BE]	KLIKSISTEEM VOOR ZONNECOLLECTOR.
BRMU8702654 U U2 20100803	BR2007MU8702654 U 20070928	F24J2/46	SCALIZA RENAN ANTONIO [BR]	aperfeiçoamentos introduzidos no sistema de captação de energia solar para aquecimento e armazenagem de água ou fluídos

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BRMU8801747 U 2 20101130	BR2008MU8801747 U 20080402	F24J2/14	MACTRONIC ELETROMECA NICA E HIDRAULICA LTDA [BR]	captador de energia radiante modular
BRMU8801893 U 2 20100914	BR2008MU8801893 U 20080908	F24J2/46	L A M MELONI AQUECEDORES SOLAR [BR]	dispositivo construtivo introduzida em dispositivo coletor solar
BRMU8802931 U 2 20100706	BR2008MU8802931 U 20081103	F24J2/00	BAETA JOSE GERALDO [BR]	sistema termo hidráulico de apoio a gases
BRMU8900630 U 2 20101221	BR2009MU8900630 U 20090406	F24J2/40; F24J2/46	BAETA JOSE GERALDO [BR]	sistema termo hidráulico para aquecedores
BRMU9000039 U 2 20101207	BR2010MU9000039 U 20100114	F24J2/00	MARTINEZ ORLANDO RODRIGUES [BR]	dispositivo de aquecimento de água solar
BRPI0601832 A2 20100810	BR2006PI01832 20060329	F24J2/44	MORAES CARLOS AUGUSTO FIGUEIRA [BR]; MARTINS JOSE JR [BR]	sistema de aquecimento de água
BRPI0611137 A2 20100817	NL20051029168 20050602; WO2006NL00276 20060602	F24J2/34	ECONCERN B V [NL]	coletor solar que tem um armazenador de calor integrado
BRPI0804217 A2 20100706	BR2008PI04217 20080929	F24J2/04; F24H1/22; F24J2/42	BAETA JOSE GERALDO [BR]	sistema termo hidráulico de apoio a gases para hotéis
BRPI0804403 A2 20100713	BR2008PI04403 20080911	F24J2/46	MARQUES JOSE [BR]	perfil para coletor solar
BRPI0806007 A2 20100831	BR2008PI06007 20080929	F24J2/42	BAETA JOSE GERALDO [BR]	sistema termo hidráulico de apoio a gases para residência
BRPI0900542 A2 20101214	BR2009PI00542 20090324	F24J2/04; F24D17/00	MOANA ALEXANDRE SEDLACEK [BR]	dispositivo híbrido de coleta e reserva de água a partir de radiação solar

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CA2664840 A1 20101105	CA20092664840 20090505	F24J2/00; F24J2/46; H01L31/042	HAMMERBACHE R MILFRED [CA]	PRE-ASSEMBLED PRE-WIRE-CONNECTED PHOTOVOLTAIC ARRAYS MADE OF FRAMELESS MODULES
CA2666024 A1 20101119	CA20092666024 20090519	F24J2/48; F24J2/00	DEFORGE JOHN BRAD [CA]; DEFORGE DAVID [CA]	METHOD AND APPARATUS FOR A PASSIVE REFLECTOR WARMER FOR CONCENTRATING SOLAR COLLECTORS
CA2690427 A1 20100823	DE200910010225 20090223	F24J2/52	OLON SE [DE]	SOLAR INSTALLATION COMPRISING AT LEAST ONE SOLAR MODULE HAVING A SPRING-LOADED MOUNTING OF THE COVER PLATE
CA2690650 A1 20100818	US20090153484P 20090218	F24J2/00	MATRIX ENERGY INC [CA]	MODULAR TRANSPIRED SOLAR AIR COLLECTOR
CA2690655 A1 20100723	US20090146813P 20090123	F24J2/05; A61L9/20; E04D13/18; F24F3/16; F24J2/50	ENERCONCEPT TECHNOLOGIES INC [CA]	SOLAR UV TRANSMISSIVE DEVICE FOR STERILIZING AND/OR HEATING AIR
CA2698015 A1 20101001	US20090416416 20090401	F03G6/00; A47K5/12; A47K10/32; B67D99/00; E03C1/05; F24J2/54	GOJO IND INC [US]	ADJUSTABLE SOLAR-POWER UNIT FOR A DISPENSER
CA2699896 A1 20101107	US20090437068 20090507	G02B17/00; F24J2/10; G02B27/00; H01L31/052	OPSUN TECHNOLOGIES INC [CA]	LOW CONCENTRATING PHOTOVOLTAIC THERMAL SOLAR COLLECTOR
CA2703324 A1 20101215	DE200920013324U 20091009	F24J2/52; E04F13/18	2192780 ONTARIO INC O A GALAXY ENERGY AMERICAS [CA]	SOLAR PANEL ROOF SURFACE
CA2703692 A1 20101113	US20090177850P 20090513; US20090219602P 20090623; US20100754125 20100405	F24J2/24; E04H17/16; F24J2/52	GREAT LAKES ELECTRIC LLC [US]	MODULAR SOLAR FENCE SYSTEM

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CA2704650 A1 20101119	CA20092666017 20090519; CA20092666018 20090519; CA20092666024 20090519; CA20102704650 20100519	F24J2/10; F24J2/24	DEFORGE JOHN BRAD [CA]; DEFORGE DAVID [CA]	ASYMMETRIC SOLAR COLLECTOR SYSTEM
CA2748279 A1 20100722	US20090144256P 20090113; WO2010US00068 20100113	F24J2/30; F24J2/22; F28F3/02	LRM IND INTERNATIONAL INC [US]	HEAT EXCHANGE PANEL
CA2749688 A1 20100722	AT20090000076 20090119; WO2010AT00015 20100119	F24J2/54	INNOVA PATENT GMBH [AT]	SYSTEM FOR GENERATING ELECTRIC ENERGY BY USING PHOTOVOLTAIC ELEMENTS
CA2750628 A1 20100819	US20090152241P 20090212; US20090153656P 20090219; US20090164474P 20090330; WO2010IL00083 20100201	F24J2/22; F24J2/00	HELIOFOCUS LTD [IL]	A METHOD FOR MANUFACTURING A SOLAR RADIATION ABSORBER
CA2750674 A1 20100729	AT20090000129 20090126; WO2010EP50718 20100122	C02F1/14; B01D1/00; C02F1/18; F24J2/00	4ELEMENTS INVENT LTD [MT]	SOLAR THERMAL DEVICE FOR PRODUCING FRESH WATER
CH700217 B1 20100831	CH20060001227 20060729	B63B35/44; F24J2/52; H01L31/04	SUISSE ELECTRONIQUE MICROTECH [CH]	Plate-forme solaire

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CH700267 A1 20100730	CH20090000086 20090120	F24J2/08	BITTER GORDON [CH]	Solar collector for storing heat, has retaining frame, and lenses symmetrically engaged on plate to bundle penetrating solar energy and transmit solar energy to absorber unit, and reflectors and/or intermediate plate arranged under pipe
CH700407 A2 20100813	AT20090000162 20090130	F16B7/22; F24J2/52	VAILLANT GMBH [CH]	Verbindungsvorrichtung für Bauteile.
CH700626 A1 20100930	CH20090000398 20090317	F24J2/42; F21S11/00	REZAGIC ZLATKO [CH]	Solar collector for use in e.g. underground area, is designed such that plastic parabolic part with highly reflective surface makes corresponding energy concentration in focal point, where stand is provided to stabilize parabolic part
CH700627 A1 20100930	CH20090000399 20090317	F24J2/24	REZAGIC ZLATKO [CH]	Tubular solar collector, has core tube provided with black plastic material for absorbing solar energy, and central and external tubes provided with gap for viewing mold of middle tube between central and external tubes
CH700675 A2 20100930	CH20090000504 20090330	F24J2/04; F24J2/42	HARTMANN WALTER [CH]	Sonnenkollektoreinrichtung, Solaranlage und Verfahren zum Betreiben einer Solaranlage.
CH701001 A2 20101115	CH20090000682 20090430	F24J2/04; F24D10/00	IJSPEERT ALBERT JAN [CH]	Solar cistern for heating individual house, has open type hydraulic circuits lightly inclined such that hydraulic circuits are emptied by drain in cistern when pumps are stopped to protect hydraulic circuits against frost
CH701134 A2 20101130	DE200910021928 20090519	F24D19/10; F24J2/40	WUERZ ENERGY GMBH [DE]	Vorrichtung zur Wörmeregung.
CH701194 A2 20101215	DE200910024359 20090609	F24J2/32	HEIKO PLAG [DE]	Thermal solar collectors operating method for low temperature applications, involves humiliating operating temperature of heat carrier fluid, where collector temperature lies below or is smaller than surrounding temperature
CN101755635 A 20100630	CN20091212330 20091106	A01G9/14; A01G9/24; F24J2/24	BEIJING HUALI UNITED HIGH TECH	Solar heat-collection energy-storage greenhouse
CN101761150 A 20100630	CN20101034197 20100119	E04B2/00; F24J2/00	UNIV NORTH CHINA ELEC POWER	High-efficiency solar phase-change heat-accumulation heat-collection wall system
CN101761366 A 20100630	CN20091155864 20091229	F01K17/00; F01K11/02; F22B1/00; F24J2/34	UNIV ZHEJIANG	Light-focusing solar extraction condensing type cogeneration system

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CN101761461 A 20100630	CN20101003142 20100106	F03G6/06; F01K11/02; F01K27/00; F22B1/00; F24J2/32	USTC UNIV SCIENCE TECH CN	Heat pipe type solar energy ORC (organic Rankine cycle) low-temperature thermal power generating system
CN101761653 A 20100630	CN20101028047 20100108	F16K1/00; F16K31/70; F24J2/46	SHENGLI LIU	Straight-through high-temperature liquid thermostatic valve
CN101761656 A 20100630	CN20081160514 20081119	F16K1/14; F16K31/12; F24J2/46	QIANG GUO	Solar tube exhaust valve
CN101761680 A 20100630	CN20081234591 20081124	F16K21/18; F24J2/46	YUEYUE CHEN	Hydrostatic water-full automatic cut-off valve
CN101761683 A 20100630	CN20081160512 20081119	F16K31/04; F24J2/46	QIANG GUO	Electric valve control device
CN101761685 A 20100630	CN20081160515 20081119	F16K31/06; F16K1/36; F24J2/46	QIANG GUO	Solar tube emptying antifreezing valve
CN101761970 A 20100630	CN20081160028 20081114	F24D15/02; F24J2/00	RUNHUA ZHOU	Solar heating device
CN101761971 A 20100630	CN20081230090 20081224	F24D15/02; F24H1/22; F24J2/05	XIAOPING LIN	Heating equipment using solar energy and geothermal energy
CN101762022 A 20100630	CN20091256105 20091229	F24J2/00; F24J2/06; F24J2/46	UNIV SHANDONG	Photo-thermal conversion method
CN101762023 A 20100630	CN20101123360 20100315	F24J2/00; F24H1/00	BINCHENG YANG	Combined water heater
CN101762024 A 20100630	CN20081154331 20081223	F24J2/02	ENYAO ZHANG	Focal axis semi-umbrella type solar cooker
CN101762025 A 20100630	CN20081230059 20081223	F24J2/02; F24J2/38	LI XINYV	Solar stove
CN101762026 A 20100630	CN20091220263 20091130	F24J2/02; F24J2/50; F24J2/54	YULIN WANG	Solar heating insulated container
CN101762027 A 20100630	US20080342125 20081223	F24J2/04; F24J2/46	MAN HON WAI	Solar furnace
CN101762028 A 20100630	CN20081184467 20081224	F24J2/05; F24J2/24	YUSHENG GAO	Solar energy heat-transferring tile
CN101762029 A 20100630	CN20081202255 20081105	F24J2/05	SHI KANCHAO	Method and device for reducing lateral deformation of side frame of vacuum heat collector
CN101762030 A 20100630	CN20081202256 20081105	F24J2/05; F24J2/20	SHI KANCHAO	Vacuum heat collecting device with split type support member

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CN101762031 A 20100630	CN20081202257 20081105	F24J2/05	SHI KANCHAO	Vacuum heat collecting device with arch body array shell
CN101762032 A 20100630	CN20081234584 20081124	F24J2/05; F24J2/24	YUEYUE CHEN	Solar heat collector
CN101762033 A 20100630	CN20081305200 20081027	F24J2/05; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection and storage tube with built-in photovoltaic cell component
CN101762034 A 20100630	CN20081305201 20081027	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat accumulation pipe filled with deep colour liquid heat-transfer medium and internally provided with condenser lens
CN101762035 A 20100630	CN20081305203 20081027	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated heat collecting and accumulating tube with built-in dark color liquid heat transfer media and condenser lenses
CN101762036 A 20100630	CN20081305204 20081027	F24J2/05; F24J2/08; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated heat collecting and accumulating tube with built-in photovoltaic cell components and condenser lenses
CN101762037 A 20100630	CN20081305205 20081027	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat tube vacuum heat collection tube with built-in deep color heat absorption membrane
CN101762038 A 20100630	CN20081305206 20081027	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat pipe vacuum collector tube provided with reflecting condenser
CN101762039 A 20100630	CN20081305207 20081027	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat tube vacuum heat collection tube with built-in photovoltaic cell component and built-in condensing lens
CN101762040 A 20100630	CN20081305208 20081027	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Vacuum heat collecting tube with all-glass heat tube provided with condensing lens and build-in dark heat absorption film
CN101762041 A 20100630	CN20081305209 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass evacuated heat collecting and accumulating tube with built-in decorated reflection lenses and condenser lenses
CN101762042 A 20100630	CN20081305210 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Condensing glass evacuated heat collecting and accumulating tube with built-in decorated reflection lenses and dark color absorber plates

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CN101762043 A 20100630	CN20081305212 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum thermal collecting tube
CN101762044 A 20100630	CN20081305213 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection and storage tube with built-in deep color heat absorption plate
CN101762045 A 20100630	CN20081305214 20081027	F24J2/05; F24J2/06; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection and storage tube with built-in condensing lens
CN101762046 A 20100630	CN20081305215 20081027	F24J2/05; F24J2/06; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection and storage tube with built-in deep color heat absorption plate and built-in condensing lens
CN101762047 A 20100630	CN20081305216 20081027	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collector/accumulator tube provided with condenser lens
CN101762048 A 20100630	CN20081305217 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection and storage tube with built-in deep color heat absorption plate and built-in condensing lens
CN101762049 A 20100630	CN20081305218 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat tube vacuum heat collecting tube
CN101762050 A 20100630	CN20081305219 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat tube vacuum heat collection tube with built-in photovoltaic cell component
CN101762051 A 20100630	CN20081305220 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Vacuum heat collecting tube with all-glass heat tube provided with reflective condensing lens and build-in dark heat absorption film
CN101762052 A 20100630	CN20081305221 20081027	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	All-glass heat pipe vacuum collector tube provided with condenser lens
CN101762053 A 20100630	CN20081305222 20081027	F24J2/05; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated heat collecting and accumulating tube tube with built-in decorated reflection lenses

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CN101762054 A 20100630	CN20081305223 20081027	F24J2/05; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated heat collecting and accumulating tube with built-in decorated reflection lenses and dark color absorber plates
CN101762055 A 20100630	CN20081305228 20081027	F24J2/05; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated collector-storage tube filled with dark liquid heat-transfer medium
CN101762056 A 20100630	CN20081305434 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in photovoltaic cell components
CN101762057 A 20100630	CN20081305435 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in mounting combined type glass vacuum heat accumulating pipe filled with deep colour liquid and internally provided with condenser lens
CN101762058 A 20100630	CN20081305437 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass vacuum heat collection and storage tube with built-in deep color heat absorption plate
CN101762059 A 20100630	CN20081305438 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in condenser lenses
CN101762060 A 20100630	CN20081305440 20081110	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combined glass vacuum heat collection and storage tube with condensing lens
CN101762061 A 20100630	CN20081305441 20081110	F24J2/05; F24J2/08; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in type glass evacuated heat collecting and accumulating tube with built-in photovoltaic cell components and condenser lenses
CN101762062 A 20100630	CN20081305442 20081110	F24J2/05; F24J2/08; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in dark color liquid and condenser lenses
CN101762063 A 20100630	CN20081305443 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in type glass evacuated heat collecting and accumulating tube with built-in reflection lenses and dark color absorber plates
CN101762064 A 20100630	CN20081305444 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in glass vacuum collection heat pipe with inbuilt deep colour absorber plate provided with collector lens

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CN101762065 A 20100630	CN20081305445 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in decorated reflection lenses
CN101762066 A 20100630	CN20081305446 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in type glass evacuated heat collecting and accumulating tube with built-in photovoltaic cell components and condenser lenses
CN101762067 A 20100630	CN20081305447 20081110	F24J2/05; F24J2/08; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in reflection lenses and condenser lenses
CN101762068 A 20100630	CN20081305448 20081110	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in type condensing evacuated heat collecting and accumulating tube with built-in reflection lenses and dark color absorber plates
CN101762069 A 20100630	CN20081306013 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwed-seal all-glass heat tube vacuum heat collection tube with built-in deep color heat absorption membrane
CN101762070 A 20100630	CN20081306015 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwing seal glass vacuum heat accumulating pipe filled with deep colour liquid heat-transfer medium
CN101762071 A 20100630	CN20081306016 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwed-seal glass vacuum heat storage and collection tube with built-in deep color heat absorption plate
CN101762072 A 20100630	CN20081306017 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Tightened and sealed glass evacuated heat collecting and accumulating tube with built-in decorated reflection lenses
CN101762073 A 20100630	CN20081306024 20081208	F24J2/05; F24J2/10; F24J2/32; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Vacuum heat accumulating pipe of screwing sealed all-glass heat pipe
CN101762074 A 20100630	CN20081306026 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwing sealed glass vacuum heat accumulating tube
CN101762075 A 20100630	CN20081306028 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwed-seal glass vacuum heat storage and collection tube with built-in photovoltaic cell component

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CN101762076 A 20100630	CN20081306044 20081208	F24J2/05; F24J2/10; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screwing sealed solar glass vacuum heat accumulating pipe
CN101762077 A 20100630	CN20081306051 20081208	F24J2/05; F24J2/10; F24J2/32; F24J2/34; H02N6/00	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Tightened and sealed glass evacuated heat collecting and accumulating tube with built-in reflection lenses and dark color absorber plates
CN101762078 A 20100630	CN20081306065 20081209	F24J2/05; F24J2/24	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass vacuum heat collection pipe with positioning pipe head plugged at pipe orifice
CN101762079 A 20100630	CN20101105571 20100204	F24J2/10; F24J2/38; F24J2/48	CUBE ENERGY TECHNOLOGY SHANGHA	Linear Fresnel solar heat collector
CN101762080 A 20100630	CN20091264186 20091231	F24J2/24; E04F11/18	CHANGSHU KAITELONG MACHINERY M; SHU ZHANG	Embedded natural-circulation integrated solar water heater capable of being used as balcony guardrail
CN101762081 A 20100630	CN20101010131 20100115	F24J2/24; F24J2/05; F24J2/48	DALIAN SIEVERT TESTING EQUIPME	Heat collecting module of metal-glass sheathing heat collecting pipe
CN101762082 A 20100630	CN20091215475 20091231	F24J2/30; F24J2/05; F24J2/24; F24J2/46; F24J2/52	WUXI WESTECH SOLAR ENERGY TECH	Double inner liner direct insertion pressure-bearing open glass vacuum tube balcony wall-hanging solar water heater
CN101762083 A 20100630	CN20081202259 20081105	F24J2/32; F24J2/46	SHI KANCHAO	Diathermanous solar heat collecting element of radial elastic metal body for cover glass
CN101762084 A 20100630	CN20081235189 20081117	F24J2/32; F24J2/05	YUEYUE CHEN	Heat pipe collector
CN101762085 A 20100630	CN20091256075 20091225	F24J2/32; F24J2/52; H02N11/00	SHANDONG DOCTOR SUNSHINE SOLAR ENERGY ENGINEERING CO LTD	Generating solar water heater for boats
CN101762086 A 20100630	CN20101039775 20100114	F24J2/34; F24J2/46	HANGZHOU LIUYI SCI & TECH CO	Solar heat collecting cake

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CN101762087 A 20100630	CN20091258078 20091215	F24J2/36; F24J2/46	FULAI YAO	Curlable multilayer light-condensation solar cooker
CN101762088 A 20100630	CN20081160513 20081119	F24J2/40; G05D9/02	QIANG GUO	Solar energy water heater capable of automatically replenishing water
CN101762089 A 20100630	CN20081234016 20081120	F24J2/40; G05D9/02	JUAN NI	Automatic water-feeding control device of solar water heater
CN101762090 A 20100630	CN20081234583 20081124	F24J2/46; F24J2/05	YUEYUE CHEN	Thermal insulation water tank
CN101762091 A 20100630	CN20081234589 20081124	F24J2/46; F24J2/05	YUEYUE CHEN	Water tank of solar water heater
CN101762092 A 20100630	CN20081235188 20081117	F24J2/46	YUEYUE CHEN	Emptying device
CN101762093 A 20100630	CN20081249643 20081223	F24J2/46; F24J2/05	WENZHENG ZHANG	Water seepage preventer for vacuum tube solar water heaters
CN101762094 A 20100630	CN20081306057 20081209	F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Pipeline safe electrical heating ice-melting warming device
CN101762095 A 20100630	CN20091243910 20091225	F24J2/46	BEIJING TIANRUIXING VACUUM TEC	Parabolic solar reflecting plate
CN101762096 A 20100630	CN20091260732 20091231	F24J2/46	BEIJING SOLAR ENERGY RES INST	Heat pipe vacuum tube dry-type heating solar water heater
CN101762097 A 20100630	CN20091302802 20090531	F24J2/46; F24J2/48; G02B7/182	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Plug-in combination type glass evacuated heat collecting and accumulating tube with built-in dark color absorber plates and condenser lenses
CN101762098 A 20100630	CN20101005310 20100115	F24J2/46	JIE ZHANG	Solar water heater emptying valve
CN101762099 A 20100630	CN20101017953 20100118	F24J2/46	YONGWEI HUANG	Water tank of solar water heater
CN101762100 A 20100630	CN20091300689 20090304	F24J2/48; F28D15/00; F28D20/00; F28F1/10; H01L31/052	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Glass evacuated heat collecting and accumulating tube with built-in photovoltaic cell components and condenser lenses

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CN101762101 A 20100630	CN20081306018 20081208	F24J2/52; F24J2/05	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Pressing tailstock of solar vacuum heat collecting tube
CN101762102 A 20100630	CN20081306020 20081208	F24J2/52; F24J2/05	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Pressing installed heat-preservation tailstock assembly of solar vacuum heat collecting tube
CN101762103 A 20100630	CN20081306031 20081208	F24J2/52; F24J2/05	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Screw rod pressing toothed tailstock of solar vacuum heat collecting tube
CN101768310 A 20100707	CN20091247217 20091228	C08L23/14; C08K5/098; C08K5/20; F24H9/00; F24J2/46	SHANGHAI KINGFA SCI & TECH CO	Beta-crystal polypropylene composition for inner container of water heater and preparation method thereof
CN101769554 A 20100707	CN20081204982 20081230	F24D3/02; F24D3/10; F24H1/22; F24J2/04	SHANGHAI BOBO QIANHE TECHNOLOG	Photoelectric collector system
CN101769555 A 20100707	CN20081204981 20081230	F24D3/08; F24H1/22; F24J2/04	SHANGHAI BOBO QIANHE TECHNOLOG	Photoelectric heat collecting method
CN101769556 A 20100707	CN20081230331 20081229	F24D3/08; F24J2/04	YUYING GUO	Multifunctional heating device
CN101769562 A 20100707	CN20081154667 20081229	F24D15/02; F24H1/22; F24J2/04	TIANJIN DEV AREA ERJIAYIMILAN	Vertical solar photoelectric complementary multi-purpose heat collecting and radiating unit
CN101769563 A 20100707	CN20081205197 20081231	F24D17/02; F24J2/00	SHI ZHONGTIAN	Method and system for storing energy and supplying hot water in multi-temperature area
CN101769564 A 20100707	CN20081205198 20081231	F24D17/02; F24J2/00	GUOLIANG SHI	Method for energy diversification energy storage and hot water supply and system therefor
CN101769565 A 20100707	CN20081205199 20081231	F24D17/02; F24J2/00	SHI ZHONGTIAN	Method for hot water supply by cyclic utilization of heat energy and system therefor
CN101769592 A 20100707	CN20081205194 20081231	F24H1/12; F24J2/05	SHI ZHONGTIAN	Sterilizing and softening method and sterilizing and softening device for exchanging heat of water into and out of water heater
CN101769600 A 20100707	CN20101000241 20100105	F24J2/00; F24J2/46; F24J2/54	PEIZHOU HAN	Concentrating-type heat collector with bar lens and trough reflectors convenient to mount in glass hood

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CN101769601 A 20100707	CN20101028114 20100118	F24J2/02; F24J2/00; F24J2/54	BO LI	Sunward solar energy stove for self-synchronizing solar motion
CN101769602 A 20100707	CN20101039776 20100114	F24J2/02; F24J2/36; F24J2/46	HANGZHOU LIUYI TECHNOLOGY CO L	Convenient solar heat-accumulating cake
CN101769603 A 20100707	CN20081187794 20081231	F24J2/04; F24J2/06; F24J2/34; H02N6/00	TIANJIN BOJUYUAN LIGHT INDUSTR; TIANJIN XINGKONGJIAN INSTITUTE; TIANJIN ZILI INST OF ENERGY SA	Solar heat storage method
CN101769604 A 20100707	CN20101107691 20100203	F24J2/04; F24J2/46	CHINESE ACAD TECH INST PHYSICS	Solar water heater for guiding solar energy to water storage tank by utilizing energy transfer medium
CN101769605 A 20100707	CN20081154665 20081229	F24J2/05	TIANJIN DEV AREA ERJIAYIMILAN	Solar energy light-and-thin type vacuum glass circulating heat-collecting tube
CN101769606 A 20100707	CN20081154668 20081229	F24J2/05; F24J2/46	TIANJIN DEV AREA ERJIAYIMILAN	Solar vertical light thin type vacuum glass circulating heat collector
CN101769607 A 20100707	CN20081205193 20081231	F24J2/05	SHI ZHONGTIAN	Solar disinfection and softening heat-collecting device
CN101769608 A 20100707	CN20081306761 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector installed with horizontally inserted, densely arranged and jacking evacuated solar collector tubes with location tube joints
CN101769609 A 20100707	CN20081306762 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector installed with horizontally inserted, densely arranged and jacking screwing hermetic evacuated solar collector tubes
CN101769610 A 20100707	CN20081306763 20081231	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Transversely inserted and close-spaced all-glass vacuum heat pipe combined heat-collecting pipe type solar collector

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CN101769611 A 20100707	CN20081306764 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Transversely inserted, close-packed and propped vacuum heat-collecting pipe combined solar collector with nozzle of core pipe positioned
CN101769612 A 20100707	CN20081306765 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector of longitudinally inserted, closely arranged and tightly pressed evacuated solar collector tubes provided with positioning tube heads
CN101769613 A 20100707	CN20081306766 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar thermal collector for vertical-inserted close-packed tightly-resisting assembled metal section tube compound vacuum thermal-collecting tube
CN101769614 A 20100707	CN20081306767 20081231	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar thermal collector for vertical-inserted close-packed all-glass vacuum thermal-collecting tube
CN101769615 A 20100707	CN20081306771 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector with reducing long-diameter evacuated solar collector tubes installed in form of horizontal inserting and dense arranging
CN101769616 A 20100707	CN20081306772 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector installed with horizontally inserted, densely arranged and jacking metal section tube composite evacuated solar collector tubes
CN101769617 A 20100707	CN20081306773 20081231	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector with horizontally inserted and densely arranged metal section heating tube composite glass evacuated solar collector tubes
CN101769618 A 20100707	CN20081306774 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector with reducing evacuated solar collector tubes installed through tight butting in form of horizontal inserting and dense arranging
CN101769619 A 20100707	CN20081306775 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Transversely inserted, close-packed and propped vacuum heat-collecting pipe combined solar collector with nozzle of core pipe positioned
CN101769620 A 20100707	CN20081306776 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector of screw seal evacuated solar collector tubes longitudinally inserted, closely arranged and tightly pressed
CN101769621 A 20100707	CN20081306777 20081231	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar thermal collector for vertical-inserted close-packed metal section heat tube compound glass vacuum thermal-collecting tube

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CN101769622 A 20100707	CN20081306778 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector of necking reducer evacuated solar collector tubes longitudinally inserted, closely arranged and tightly pressed
CN101769623 A 20100707	CN20091300014 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot air collector installed with horizontally inserted and densely arranged necking long-diameter evacuated solar collector tubes
CN101769624 A 20100707	CN20091300015 20090104	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Transversely inserted and close-spaced metal profile heat pipe combined vacuum heat-collecting pipe type solar hot air collector
CN101769625 A 20100707	CN20091300016 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot air collector installed with horizontally inserted, densely arranged and jacking necking reducing evacuated solar collector tubes
CN101769626 A 20100707	CN20091300018 20090104	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot-air thermal collector for vertical-inserted close-packed metal section heat tube compound vacuum thermal-collecting tube
CN101769627 A 20100707	CN20091300019 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot-air thermal collector for vertical-inserted close-packed tightly-resisting assembled necking reducing vacuum thermal-collecting tube
CN101769628 A 20100707	CN20091300020 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot air collector installed with horizontally inserted, densely arranged and jacking screwing hermetic evacuated solar collector tubes
CN101769629 A 20100707	CN20091300021 20090104	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Transversely inserted and close-spaced all-glass vacuum heat pipe combined heat-collecting pipe type solar hot air collector
CN101769630 A 20100707	CN20091300022 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Heat collecting pipe solar and wind heat collector with air duct pipe nozzle positioning, transversal inserting, sealed arranging and jacking installation
CN101769631 A 20100707	CN20091300023 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot-air thermal collector for vertical-inserted close-packed tightly-resisting assembled winding sealing vacuum thermal-collecting tube
CN101769632 A 20100707	CN20091300024 20090104	F24J2/05; F24J2/24; F24J2/32; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot-air thermal collector for vertical-inserted close-packed all-glass vacuum thermal-collecting tube

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CN101769633 A 20100707	CN20091300025 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar hot-air thermal collector for vertical-inserted close-packed assembled necking long-diameter vacuum thermal-collecting tube
CN101769634 A 20100707	CN20091300027 20090104	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Heat collecting pipe solar and wind heat collector with air duct pipe nozzle positioning, longitudinal inserting, sealed arranging and jacking installation
CN101769635 A 20100707	CN20101010130 20100115	F24J2/05; F24J2/24; F24J2/46	DALIAN SIEVERT TESTING EQUIPME	Heat collection module of water-injection pressure-bearing circulating full-glass vacuum tube
CN101769636 A 20100707	CN20081208135 20081229	F24J2/12; F24J2/38; G02B7/182; G02B7/185; H02N6/00	SHANGHAI SHENXI SOLAR ENERGY S	Assembled light-gathering solar collection device and assembling method thereof
CN101769637 A 20100707	CN20101105095 20100131	F24J2/24; F24J2/46	DELONG YAO	Copper-free stainless steel flat-panel type solar super-high heat conduction heat collector
CN101769638 A 20100707	CN20091217307 20091231	F24J2/30; F24J2/05; F24J2/24; F24J2/46	WESTECH SOLAR CO LTD	Water bath pressure-bearing open in-line full glass vacuum tube solar water heater
CN101769639 A 20100707	CN20091266614 20091231	F24J2/30; F24J2/05; F24J2/24; F24J2/46	WESTECH SOLAR CO LTD	Direct-insert pressure-bearing open all-glass vacuum tubular solar water heater with double inner containers
CN101769640 A 20100707	CN20081205189 20081231	F24J2/32; F24J2/24	SHI GUOQING	Glass heat tube heat-collecting tube of the heat transport of cover glass tube
CN101769641 A 20100707	CN20101107959 20100210	F24J2/32; F24J2/46	ENERGY RES INST OF SHANDONG AC	Solar water heater
CN101769642 A 20100707	CN20081249683 20081228	F24J2/34; F24H1/20; F24J2/04; F24J2/46	YICHANG DONG	Heat-accumulation solar heating water heater
CN101769643 A 20100707	CN20091058051 20090106	F24J2/34; F24J2/38; G02B3/08; H02N6/00	CHENGDU ZHONGSHUN TECHNOLOGY C	Follow-up large-scale Fresnel lens point focusing solar system
CN101769644 A 20100707	CN20081205186 20081231	F24J2/46; F24J2/24	XU XIUPING	Tube plate absorber embedded in elastic pipeline
CN101769645 A 20100707	CN20081205187 20081231	F24J2/46; B23K20/10	XU XIUPING	Tube plate absorber welded with pressure tank aluminum strips
CN101769646 A 20100707	CN20081249774 20081231	F24J2/46; F16L9/12; F16L59/02; F16L59/08	SHUTANG YANG	Seamless solar PE thermal insulation pipe

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CN101769647 A 20100707	CN20101033714 20100111	F24J2/46	BEIJING SOLAR ENERGY RES INST	Water tank for solar water heater
CN101769648 A 20100707	CN20081241893 20081230	F24J2/48; B32B15/04; C23C14/34	SHENZHEN PROSUNPRO SOLAR ENERGY[US] CO LTD	Selective coating for absorbing solar light and heat
CN101769649 A 20100707	CN20081241894 20081230	F24J2/48; B32B15/04; C23C14/34	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Selective composite coating for absorbing solar light and thermal
CN101769650 A 20100707	CN20091155783 20091225	F24J2/48; F24J2/52	ZHISHENG XIA	Intercommunicated full-glass vacuum solar heat-collecting tube
CN101769651 A 20100707	CN20101004601 20100111	F24J2/48	JIANGTAO XUE	Collector tube for solar water heater
CN101769652 A 20100707	CN20101039126 20100107	F24J2/48	YUXI XINGHONG SOLAR ENERGY EQUIPMENT CO LTD	Pressure type solar water heater heat-collecting plate and production technology
CN101770230 A 20100707	CN20091028745 20090106	G05B19/418; F24J2/40	JIANGSU SUNSHORE SOLAR ENERGY INDUSTRY CO LTD	Remote monitoring system of solar energy heat-collecting device
CN101775824 A 20100714	CN20101104102 20100127	E03B3/28; A47J27/04; F24J2/32; F24J2/34; F25B27/02; H01M8/04; H01M10/50	ZHEN LIU	Air dehumidifier, solar energy water heater, refrigerator, battery set and steam box
CN101775859 A 20100714	CN20101105632 20100130	E04B2/14; E04C1/40; E04C1/41; F24J2/00	FANGLIN HUAI	Heat insulation building block building wall suitable for mounting solar heat collector to supply heat
CN101776325 A 20100714	CN20101018320 20100113	F24J2/00; F24J2/46; F24J2/52	UNIV SOUTHEAST	Compound parabolic condenser combining inside condensation and outside condensation
CN101776326 A 20100714	CN20091002259 20090113	F24J2/04; H02N11/00	IND TECH RES INST	Solar water heater device

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CN101776327 A 20100714	CN20101113102 20100222	F24J2/04; F24J2/40; F24J2/46	JIANGSU NEW BANSHEN SOLAR ENER	Matrix solar water heater
CN101776328 A 20100714	CN20101117141 20100212	F24J2/05; F24J2/24; F24J2/38; F24J2/54; H02N6/00	CHANGHE XU	Solar drinking-water collector and solar photovoltaic generating set
CN101776329 A 20100714	CN20101108139 20100210	F24J2/10; F24J2/24	WUXI YUKSIDE SCIENCE & TECHNOL	Flat-plate paraboloidal solar light-condensing and heat- collecting device
CN101776330 A 20100714	CN20091001539 20090109	F24J2/16; F24J2/38	JIANGUO DAI; ZHIXIONG LIU; NING MENG	Novel solar energy light gathering and heat collecting method and system
CN101776331 A 20100714	CN20091000620 20090109	F24J2/32	WEIJIE LIU	Ultrathin heat pipe solar thermal collector
CN101776332 A 20100714	CN20091140086 20090709	F24J2/38; F24J2/40; F24J2/46; F24J2/50	GANG LI	Integral flat double-shaft solar water heater
CN101776333 A 20100714	CN20101028060 20100111	F24J2/38	SHENGLI LIU	Method for driving track by using tank type solar focusing line as axes
CN101776334 A 20100714	CN20091001669 20090109	F24J2/40; G01F23/14; G01K7/22	YIKAI LIN	Water-level and water-temperature sensor for solar water heater
CN101776335 A 20100714	CN20091013791 20090113	F24J2/46	YICHANG DONG	Antifreezing incubator for pipelines of solar water heater
CN101776336 A 20100714	CN20101109179 20100211	F24J2/46	WENSHENG LIU	Water outlet box for two kinds of water of solar water heater
CN101776337 A 20100714	CN20101110634 20100121	F24J2/46	HEBEI HAODE NEW ENERGY EQUIPME	Solar collector
CN101776338 A 20100714	CN20091264730 20091230	F24J2/48; B32B15/04; C23C14/06; C23C14/35	STARARC COATING TECHNOLOGY SUZ	Solar high-temperature and heat-absorbing CrFeON film and preparation process thereof
CN101776339 A 20100714	CN20101000242 20100105	F24J2/48	PEIZHOU HAN	Vacuum heat collecting tube adopting metal heat absorbing tube
CN101776377 A 20100714	CN20091243599 20091229	F26B9/06; F24J2/34; F26B3/02	UNIV BEIJING FORESTRY	Drying method by using solar energy and device thereof

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CN101776917 A 20100714	CN20091215498 20091230	G05D3/00; F24J2/38; H02N6/00	JUNHUA LIU	Full-automatic solar sun-tracking mechanical device
CN101781915 A 20100721	CN20091245143 20091228	E04B2/00; E04B1/76; F24J2/00; F24J2/04; F24J2/34	TIANJIN HUAXIA CULTURE & ART I; TIANJIN JUXIAN INVEST CO LTD; TIANJIN ZILI ENGINEERING DESIG	Solar energy wall body heat utilization system
CN101782156 A 20100721	CN20101117277 20100303	F16K11/10; F16K31/122; F24J2/46	YUHONG XIA	Full water self-closing exhaust valve used for solar water heater
CN101782271 A 20100721	CN20091029062 20090117	F24H3/00; F24J2/00; H02J7/35	PENG ZHANG	Solar fan heater
CN101782276 A 20100721	CN20091029070 20090119	F24J2/02; F24J2/08; F24J2/32	BIREN WANG	Focal line light-gathering and heat-collecting solar oven
CN101782277 A 20100721	CN20101121890 20100311	F24J2/05; B21D7/00; B23K28/00; F24J2/32; F24J2/46	JIANGUO BAI	Vacuum circulation heat conduction pipe of solar heat collector and production method thereof
CN101782278 A 20100721	CN20091013960 20090118	F24J2/06	WEN LIU	Golden autumn solar energy
CN101782279 A 20100721	CN20091013959 20090118	F24J2/10	WEN LIU	Hundredfold solar energy
CN101782280 A 20100721	CN20091077223 20090120	F24J2/10; E04D13/18; F24J2/38	YANG LIU	Solar energy collecting device and building component by utilizing same
CN101782281 A 20100721	CN20091139457 20090617	F24J2/24; F24J2/46	YANBIN ZHAO	Freeze-proofing high-efficiency solar energy water heater water tank
CN101782282 A 20100721	CN20101126073 20100317	F24J2/34; F24J3/08	GUOLI GAO	Solar energy heat storage groundwater heating device
CN101782283 A 20100721	CN20091013940 20090116	F24J2/38	HUIYUN AN; XIN JIN; YOUGUANG JIN	Focusing solar energy condenser of fixing lighting-surface and driving fixed points by imitation star titration method
CN101782284 A 20100721	CN20091000822 20090119	F24J2/46; F28D20/02	WEIJIE LIU	Phase-change heat storage water tank used for solar water heater

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CN101782285 A 20100721	CN20091045550 20090120	F24J2/46	GE PAN	Automatic cleaning system of solar energy collector
CN101782286 A 20100721	CN20091045551 20090120	F24J2/46	GE PAN	Sunshade device for large solar heat collector
CN101782287 A 20100721	CN20101131729 20100324	F24J2/46; F24J2/52	CUBE TECHNOLOGIES SHANGHAI CO	Method for manufacturing solar energy collector
CN101782291 A 20100721	CN20091052740 20090609	F25B27/00; F24J2/34; F24J2/48; F25B17/08; F28D15/04	UNIV SHANGHAI MARITIME	Adsorption refrigeration device driven by parabolic solar thermal collector and heat pipe
CN101782312 A 20100721	CN20091003335 20090115	F26B9/02; F24J2/04; F26B21/00	NAT ENGINEERING RES CT FOR GRA; CHINA ACADEMY OF AGRICULTURAL	Alternately heating solar straw bale drying device
CN101782745 A 20100721	CN20091026741 20090505	G05B15/02; F24J2/46; G05D3/12	NANJING SHUAI RUI TECHNOLOGY C	Sunlight collector control system
CN101784844 A 20100721	WO2008US66371 20080609; US20070933816P 20070608; US20080069806P 20080318	F24J2/38	ESOLAR INC [US]	Solar collector system for solar thermal applications
CN101786805 A 20100728	CN20091243911 20091225	C03C27/00; F24J2/48	BEIJING TIANRUIXING VACUUM TEC	Sealing method of borosilicate glass and kovar alloy of solar collector tube
CN101788161 A 20100728	CN20101129566 20100323	F24D5/00; F24D11/00; F24J2/00	UNIV SHANGHAI JIAOTONG	Building heat supplying and heating system based on solar air heat collector
CN101788190 A 20100728	CN20101030165 20100113	F24J2/00; C09K5/06; C12M1/107	YILIE WANG	Solar photothermal conversion heating circulation system
CN101788191 A 20100728	CN20101133159 20100326	F24J2/00; F24J2/38; F25B27/00; H02N6/00	UNIV ZHEJIANG	Concentrating solar thermoelectric cold cogeneration system

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CN101788192 A 20100728	CN20101147780 20100316	F24J2/04; B01D35/04; C02F1/48; F24H1/20; F24J2/46	HUAQIANG FENG	Clean magnetization energy-saving solar water heater
CN101788193 A 20100728	CN20101134990 20100330	F24J2/05; E06B5/20	WUXI YUKSIDE TECHNOLOGY CO LTD	Solar energy collecting and utilizing device with sun-oriented illuminator
CN101788194 A 20100728	CN20101131738 20100324	F24J2/10; F24J2/52	YIKEBO ENERGY TECHNOLOGY SHANG	Solar collector
CN101788195 A 20100728	CN20101141755 20100406	F24J2/20; F24J2/34	HIMIN SOLAR CO LTD	Heat accumulation type flat-panel solar water heater without water tank
CN101788196 A 20100728	CN20101028101 20100115	F24J2/24; F22B1/16; F24J2/06; F24J2/46	SHENGLI LIU	Pump-free high-temperature liquid automatic circulation system
CN101788197 A 20100728	CN20101110783 20100210	F24J2/24; F22B1/00	JIANGSU TAIHU BOILER CO LTD	Solar energy thermal-power-generating heat-absorption heated surface arrangement structure
CN101788198 A 20100728	CN20101121560 20100310	F24J2/24; F24J2/05	YANPIN WU	Full-glass dual-channel vacuum tube heat collector
CN101788199 A 20100728	CN20101131736 20100324	F24J2/24; F24J2/05; F24J2/46	YIKEBO ENERGY TECHNOLOGY SHANG	Solar receiver
CN101788200 A 20100728	CN20101129871 20100318	F24J2/46; F24J2/40	HUAI AN YINGSHUO ENERGY EQUIPM	Integrally closed water-saving anti-freezing device for solar water heater
CN101788201 A 20100728	CN20101143437 20100306	F24J2/46; F24J2/48	FENG YI AN	Hot fluid transferring pipe
CN101788202 A 20100728	CN20101112070 20100223	F24J2/48; F24J2/28	SHULIANG CAO	Black porcelain composite ceramic tube and internally connected tubular solar heat collecting system thereof
CN101788203 A 20100728	CN20101104783 20100203	F24J2/51; F24J2/24; F24J2/46	JIANGUO BAI	Insulation board provided with solar heating device and manufacturing method thereof

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CN101793080 A 20100804	CN20091263534 20091223	E04D13/18; F24J2/24	SICHUAN SHENGYANG SOLAR ENERGY APPLIED TECHNOLOGY CO LTD	Embedded flat heat collecting roof/wall surface
CN101793081 A 20100804	CN20101118323 20100304	E04D13/18; F24J2/04; F24J2/24	SHENZHEN PUXIN SCIENCE & TECHNOLOGY CO LTD	Multifunctional solar panel
CN101793387 A 20100804	CN20091246008 20091122	F22B1/00; F24J2/24; F24J2/46	YIAN FENG	Method for producing steam by utilizing solar energy vacuum tube
CN101793421 A 20100804	JP20090019236 20090130	F24D3/18; F24D3/10; F24J2/00	MATSUSHITA ELECTRIC IND CO LTD	Liquid circulation heating system
CN101793435 A 20100804	CN20091028975 20090202	F24J2/46	CAIFEN XU	Automatic water supply device of solar water heater
CN101793436 A 20100804	CN20091246006 20091122	F24J2/46	YIAN FENG	Solar united collection box with finned tubes
CN101793437 A 20100804	CN20091244289 20091231	F24J2/48; B32B9/04; B32B15/04; C23C14/35; C23C14/54	SHENYANG BELLAVAC VACUUM TECH CO LTD	Multi-purpose solar spectrum selective absorbing coating and preparation method thereof
CN101793438 A 20100804	CN20101114310 20100226	F24J2/50; F24J2/24; F24J2/46; F24J2/48	CHANGSHA XINGNA AEROGEL CO LTD; DONGGUAN CHUANGYI NEW MATERIALS TECHNOLOGY CO LTD	Composite flat plate type solar heat collecting plate and preparation method thereof

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CN101793449 A 20100804	CN20101136139 20100323	F25B30/06; F24F5/00; F24J2/04; F25B29/00	GUANGDONG MIDEA ELECTRIC APLNC	Multi-heat-source heat pump system
CN101794017 A 20100804	CN20101115538 20100302	G02B19/00; F24J2/46; G02B7/182	DAREN DENG	Thin film solar reflecting and condensing device
CN101796353 A 20100804	WO2008KR05114 20080901; KR20070087806 20070830	F24J2/12	RAE CHO KUK; ANG CHO SO; ANG CHO BEE	Radio wave reflector focusing electron wave of solar radiation and thermal storage unit using electron wave
CN101796652 A 20100804	WO2008US75250 20080904; US20070970007P 20070905; US20080043704P 20080409; US20080124121 20080520	H01L31/042; F24J2/10; H01L31/052	SKYLINE SOLAR INC [US] [DE]	Photovoltaic receiver
CN101798879 A 20100811	CN20091010328 20090209	E04H1/04; E04B1/00; E04B1/76; E04B2/00; E06B3/00; F03D9/00; F03G7/00; F16K11/00; F24J2/04; G05D23/20	JIANLIANG YANG	Building with integrated green construction technologies
CN101799196 A 20100811	CN20101134129 20100227	F24F5/00; A61L9/00; A61L9/04; F24F7/00; F24J2/00; F24J3/08	ZONGLOU ZHANG	Novel superficial geothermal energy, solar energy and wind energy integrated building air conditioning system
CN101799210 A 20100811	FR20090000572 20090210	F24J2/00; F24J2/30; F24J2/46	WISENET [FR]	Solar heater
CN101799211 A 20100811	CN20091264926 20091209	F24J2/00; F24H4/02; F24J2/30	SUZHOU SUNSHINE SOLAR ENERGY CO LTD	Pressure-bearing type solar heat pump water heater

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CN101799212 A 20100811	CN20101116885 20100303	F24J2/00; B01D1/00	HUNAN LINENG SCIENCE & TECHNOLOGY CO LTD	Unpowered concentrating recovery device for anti-freezing liquid in energy tower
CN101799213 A 20100811	CN20091010314 20090206	F24J2/04; F24H4/04; F24J3/06	SHENYANG JINCHEN WEIYE TECHNOLOGY CO LTD	Solar water heater using wind energy heat pump for auxiliary heating
CN101799214 A 20100811	CN20081306039 20081208	F24J2/05; F24J2/10; F24J2/32; H02N6/00	BEIJING HUANNENG HAICHEN TECHNOLOGY CO LTD; XU BAO AN	Screwed and sealed all-glass heat pipe vacuum heat collecting pipe with built-in photovoltaic cell component
CN101799215 A 20100811	CN20091005769 20090207	F24J2/38	LIJUN ZHANG	Quasi-two-dimensional sunlight tracking system with single connecting rod
CN101799216 A 20100811	CN20091014000 20090209	F24J2/48; C04B35/622; C04B41/87	SHULIANG CAO	Ceramic powder press-formed combined black ceramic composite ceramic solar panel
CN101799217 A 20100811	CN20081306037 20081208	F24J2/52; F24J2/05	BEIJING HUANNENG HAICHEN TECHNOLOGY CO LTD; XU BAO AN	Turning tooth tailstock propped solar vacuum heat collecting pipe
CN101799218 A 20100811	CN20081306038 20081208	F24J2/52; F24J2/05	BEIJING HUANNENG HAICHEN TECHNOLOGY CO LTD; XU BAO AN	Heat-insulating turning tooth tailstock component propped and installed on threaded rod of solar vacuum heat collecting pipe

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CN101799219 A 20100811	CN20081306040 20081208	F24J2/52; F24J2/05	BEIJING HUANNENG HAICHEN TECHNOLOGY CO LTD; XU BAO NA	Heat-insulating turning tooth tailstock component propped and installed on solar vacuum heat collecting pipe
CN101802511 A 20100811	WO2008US07098 20080606; US20070933620P 20070606	F24J2/07; F24J2/48	AUSRA INC	Integrated solar energy receiver-storage unit
CN101806445 A 20100818	CN20101135932 20100330	F22B1/00; C02F1/14; F24F5/00; F24J2/00	UNIV SOUTHEAST	Trough type solar multistage heat utilization device
CN101806493 A 20100818	CN20091203674 20090615	F24H9/00; F24J2/46	HAIER GROUP CO LTD; QINGDAO HAIER AIR CONDITIONER GENERAL CO LTD	Anti-freezing structure of outdoor hot water device
CN101806495 A 20100818	US20090388500 20090218; US20090473240 20090527; US20090611873 20091103	F24J2/00; F24J2/38; F24J2/52	PALO ALTO RES CT INC [US]	Two-part solar energy collection system with replaceable solar collector component
CN101806496 A 20100818	CN20101125893 20100317	F24J2/00	YANG MENG	Production device of full-automatic solar water heater
CN101806497 A 20100818	CN20101135922 20100330	F24J2/00; F02C6/04; H02N6/00	UNIV SOUTHEAST	Solar energy-based combined cycle energy multi-level utilization device
CN101806498 A 20100818	CN20091024755 20090213	F24J2/05; F24J2/46; F24J2/48	MINHUI XU	Large vacuum solar heat collecting system
CN101806499 A 20100818	CN20091024530 20090212	F24J2/16; F24J2/38; F24J2/52	ZHIHAI LENG	Multistage linking solar energy tracking and receiving device
CN101806500 A 20100818	CN20101141210 20100407	F24J2/24; F24J2/05; F24J2/46	JIAN LI	Connecting method and structure of solar heat collecting device

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CN101806501 A 20100818	CN20101131643 20100319	F24J2/38; F22B1/00	ZONGSHENG XU	Automatic tracking type solar energy focalizing device
CN101806502 A 20100818	CN20101153222 20100414	F24J2/38	YV QI	Solar energy collecting system of heliostat
CN101806503 A 20100818	CN20091046204 20090216	F24J2/46; B23K10/02; B23K15/00; F24J2/48	GE PAN	Plate type solar energy collector
CN101806504 A 20100818	CN20101019281 20100108	F24J2/46; F24J2/48	UNIV GUANGDONG TECHNOLOGY	Novel coupling type solar high-temperature heating pipe
CN101806505 A 20100818	CN20101134318 20100329	F24J2/46	JIN SHEN	Device for performing centralized control on water heater pipeline
CN101806506 A 20100818	CN20101154954 20100426	F24J2/46	PEIZHOU HAN	Sliding bearing of reflector frame fascinating disassembling and assembling vacuum heat collection pipe in glass cover
CN101806507 A 20100818	CN20091046203 20090216	F24J2/48; B23K9/09; B23K10/02; B23K15/00; B23K35/22; F28F1/40; F28F13/18	GE PAN	Transparent finned solar energy collecting tube
CN101806508 A 20100818	CN20101116609 20100226	F24J2/48; C23C14/08; C23C14/16; C23C14/35	BEIJING TIANRUIXING VACUUM TEC	High temperature solar energy selective absorption coating and preparation method thereof
CN101806509 A 20100818	CN20101157219 20100423	F24J2/48	SHENGLI LIU	Straight-through vacuum heat collecting tube
CN101806510 A 20100818	CN20091096146 20090213	F24J2/51	FENG SHENGFENG; ZHEJIANG SHENTAI SOLAR ENERGY CO LTD	Vertical thermal insulation wall
CN101806511 A 20100818	CN20091046205 20090216	F24J2/52	GE PAN	Device for installing and fixing solar heat collector and connecting and positioning frame
CN101806514 A 20100818	CN20101121510 20100310	F25B29/00; F24J2/32; F25B21/02; H02N6/00	USTC UNIV SCIENCE TECH CN	Composite solar photovoltaic hot-water cold supply and heating system for building

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CN101812200 A 20100825	CN20091247222 20091228	C08L23/12; C08K5/098; C08K5/103; C08K5/134; C08K5/20; C08K5/526; F24H9/00; F24J2/46	SHANGHAI KINGFA SCI & TECH CO	Alpha-crystal form homopolymerized polypropylene composition for water-heater inner containers and preparation method thereof
CN101812201 A 20100825	CN20091247224 20091228	C08L23/12; C08K5/00; C08L23/14; C08L53/00; F24H9/00; F24J2/46	SHANGHAI KINGFA SCI & TECH CO	Polypropylene composition for water-heater inner containers and preparation method thereof
CN101812213 A 20100825	CN20091247223 20091228	C08L53/00; C08K5/01; C08K5/098; C08K5/103; C08K5/134; C08K5/20; C08K5/526; F24H9/00; F24J2/46	SHANGHAI KINGFA SCI & TECH CO	Alpha-crystal form polypropylene composition for water-heater inner containers and preparation method thereof
CN101813038 A 20100825	CN20101146153 20100413	F02G1/044; F24J2/12	SHANGHAI ZHAOYANG NEW ENERGY SCIENCE AND TECHNOLOGY CO LTD	Mirror focusing automatic co-rotational type solar thermal machine power generating system
CN101813349 A 20100825	CN20091010437 20090224	F24F5/00; F24J2/05	YE HU	Solar air conditioner
CN101813354 A 20100825	CN20101144377 20100315	F24F5/00; E06B5/00; F24J2/00	YUE WANG	Green air regulation system
CN101813370 A 20100825	CN20091006562 20090219	F24H1/20; F24H4/04; F24H9/20; F24J2/00	SUNTECH SOLAR TECHNOLOGY CO LTD	Water storing type electric water heater and heating method thereof
CN101813377 A 20100825	CN20101151898 20100416	F24J2/00	ZHONGDONG CHEN	Energy-saving environmentally-friendly wall-hanging solar device
CN101813378 A 20100825	CN20101154644 20100426	F24J2/00; F24H1/00; F24H9/20; F24J2/46	SHANGHAI JITE CO LTD; KETING ZHENG	Method for modifying general gas engine or electric water heater into solar water heater
CN101813379 A 20100825	CN20091118016 20090221	F24J2/12; F24J2/18; F24J2/46	CAIDE TAO	Solar light-condensing water still
CN101813380 A 20100825	CN20091118018 20090221	F24J2/12; F24J2/18	CAIDE TAO	Multipurpose solar condenser

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CN101813381 A 20100825	CN20091118017 20090221	F24J2/18; F24J2/52	CAIDE TAO	Solar condensation water still
CN101813382 A 20100825	CN20091118042 20090219	F24J2/24	KECHUANG DAI	Energy-saving device and method for hot water boiler
CN101813383 A 20100825	CN20091230246 20091114	F24J2/24; F24J2/05; F24J2/46	ZIBO JUNHE PATENT TECHNOLOGY DEV CO LTD	Heating installation utilizing solar
CN101813384 A 20100825	CN20091230979 20091127	F24J2/30	SUMING LI	Unpressurized wall hanging split type solar water heater
CN101813385 A 20100825	CN20091261189 20091221	F24J2/32; F24J2/30; F24J2/46	SICHUAN SHENGYANG SOLAR ENERGY APPLIC TECHNOLOGY CO LTD	Separated type heat-pipe plate solar collector and special working refrigerant thereof
CN101813386 A 20100825	CN20101133988 20100224	F24J2/34	YUMING XING	Solar heat supply system, application mode thereof and hot water supply device
CN101813387 A 20100825	CN20101157788 20100427	F24J2/38; H02N6/00	YIKEBO ENERGY SCIENCE AND TECHNOLOGY SHANGHAI CO LTD	Sun tracker of solar collector
CN101813388 A 20100825	CN20091037280 20090219	F24J2/40	ZONOPO INTELLIGENT TECHNOLOGY CO LTD	Solar heat cycle intelligent control system
CN101813389 A 20100825	CN20091046490 20090224	F24J2/46	GE PAN	Device for connecting solar heat collector cases
CN101813390 A 20100825	CN20101136363 20100331	F24J2/46; F24J2/00; F24J2/40	KUNMING DINGHAO SOLAR ENERGY CO LTD	Separated type solar heat storage water tank
CN101813391 A 20100825	CN20101141290 20100330	F24J2/46	RENXIONG HUANG	Connecting piece of solar heat collecting device

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CN101813392 A 20100825	CN20101170719 20100427	F24J2/46	YIAN FENG	Elastic tube of solar vacuum tube
CN101813393 A 20100825	CN20091230981 20091127	F24J2/48	SUMING LI	Heating sleeve for solar drinking hot water
CN101813394 A 20100825	CN20101141127 20100404	F24J2/48; C04B41/51	DELONG YAO	High thermal conductive fin for heat collector of solar water heater
CN101813395 A 20100825	CN20101170727 20100427	F24J2/48	YIAN FENG	Multi-stage elastic heat tube in solar vacuum tube
CN101813400 A 20100825	CN20101112120 20100223	F25B29/00; E04B1/76; E04B2/84; E04B5/21; E04B5/36; E04C1/00; E04D13/18; F16L59/06; F24J2/00; F25B49/00	LIMING FU	Heating and cooling system for solar house
CN101815908 A 20100825	WO2008JP66639 20080916; JP20070257817 20071001	F24J2/04; A01G7/00; A01G13/02; A01G27/00; C02F1/14; F24J2/10; F24J2/24	MITAKA KOKI KK	Solar heat utilization system and plant cultivation employing it, and domestic animal breeding method employing it
CN101815909 A 20100825	WO2008SE50891 20080724; SE20070001860 20070815	F24J2/42; F03G6/00; F24J2/04; F24J2/50; F25B27/00	SOLTECH ENERGY SWEDEN AB [SE]	An arrangement for generating electric energy
CN101816279 A 20100901	CN20101162792 20100405	A01G27/00; E03B3/28; F24J2/00	FULAI YAO	Automatic irrigation device for plants on both sides of road in desert area
CN101818114 A 20100901	CN20091117401 20090729	C12M1/107; C12M1/02; F24J2/34	UNIV LANZHOU TECH	Annually constant and stable methane production system by solar heating
CN101818941 A 20100901	CN20101152778 20100422	F24J2/00; F24J2/46; F24J3/00	HARBIN INST OF TECHNOLOGY	Air heated anti-freezing solar energy collector system
CN101818942 A 20100901	CN20101180100 20100520	F24J2/04	ZHEJIANG SIDITE NEW ENERGY CO LTD	Pressure-bearing solar water heater
CN101818943 A 20100901	CN20101178012 20100520	F24J2/06; F24J2/10; F24J2/24; F24J2/46	FUNG GIN DA ENERGY TECHNOLOGY CO LTD	Sun-oriented light concentrating heat energy generation device

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CN101818944 A 20100901	CN20091194275 20091124; CN20101131481 20100224	F24J2/30; F24D5/06	DANLIN WANG	Indirectly-heating residential heating system
CN101818945 A 20100901	CN20101153430 20100421	F24J2/32; F24J2/12; F24J2/52	UNIV SOUTHEAST	Heat pipe type composite parabolic heat collector arranged in east-west direction
CN101818946 A 20100901	CN20091174991 20091027	F24J2/34; F24J2/46	ZHENG REN	Easily-operated solar furnace
CN101818947 A 20100901	CN20101120770 20100310; CN20101166200 20100415	F24J2/34; C02F1/14; F24F5/00; F24J2/02; F24J2/05; F24J2/10; F24J2/30; F24J2/46	ZHENGPIG LAI	Solar oil heat conducting and supplying device
CN101818948 A 20100901	CN20101166767 20100510	F24J2/34; F24J2/32; F24J2/46	WENYING CUI	Solar heat-storage heating device for buildings in high-latitude regions
CN101818949 A 20100901	CN20101145237 20100412	F24J2/40	CHEN JUN	Full automatic solar water heater watering controller
CN101818950 A 20100901	CN20091010461 20090226	F24J2/46	WEICHANG LUAN	Device for conveniently replacing sensor of solar water heater
CN101818951 A 20100901	CN20101128656 20100318	F24J2/46; F24J2/34	UNIV WUHAN TECH	Bushing-type high temperature heat storage device applied to solar heat utilization
CN101818952 A 20100901	CN20101155220 20100419	F24J2/46	DEPENG LIU	Emptying, anti-freezing and unfreezing device for solar pipe
CN101818953 A 20100901	CN20101157316 20100428	F24J2/46	CHANGQIAO LI; YICHANG SANXIA NEW ENERGY EQUIPMENT CO LTD	Incubator with foaming layer provided with vacuum glass tube and manufacture method thereof
CN101818954 A 20100901	CN20081127318 20071213	F24J2/48; F24J2/00; F24J2/46	XIAOFU LUO	Water heater system with solar green house effect
CN101821501 A 20100901	WO2008IB01771 20080704; IT2007TO00088U 20070704	F03G6/00; F24J2/14; F24J2/34	BIOSOLAR FLENCO GROUP S R L	Modular assembly for the production and accumulation of solar energy

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CN101825072 A 20100908	CN20101153131 20100416	F03G6/06; F01D15/10; F24J2/34	UNIV HUAZHONG SCIENCE TECH	Trough-dish combined solar thermal power generation system with fixed focus
CN101825309 A 20100908	CN20091014686 20090306	F24D7/00; F24J2/00	ZHENCHEN WANG	Solar energy thermal conductance warmer
CN101825336 A 20100908	CN20101173025 20100517	F24H9/00; F24J2/46	JIANGSU GOMON SCIENCE & TECHNOLOGY DEV CO LTD	Multi-energy laminated inner container thermal storage tank
CN101825343 A 20100908	CN20091061037 20090305	F24J2/00; F24J2/46	XIAOJUAN WAN	High-efficiency solar device
CN101825344 A 20100908	CN20091061039 20090305	F24J2/00; F24J2/40; F24J2/54	XIAOJUAN WAN	Solar heat collector
CN101825345 A 20100908	CN20101175105 20100513	F24J2/00; F24J2/46	ANHUI TONGLING QINGHUABAO ENERGY SOURCES EQUIPMENT CO LTD	Antifreezing method of flat plate solar water heater
CN101825346 A 20100908	CN20091061038 20090305	F24J2/04; F24J2/46	XIAOJUAN WAN	Solar water heater
CN101825347 A 20100908	CN20101182855 20100521	F24J2/04; F24J2/46	SHANDONG ZHONGNENG NEW ENERGY RES INST	Solar heat collector
CN101825348 A 20100908	CN20101182982 20100522	F24J2/08; F24J2/46; F24J2/48	WEIGUO YAO; ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD	Focusing flat plate solar heat collector

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CN101825349 A 20100908	JP20040253499 20040831; JP20040326788 20041110; JP20050059744 20050303	F24J2/24; F24J2/06; F24J2/23	TOKYO INST TECH	Sunlight heat collector and related system
CN101825350 A 20100908	CN20101152751 20100422	F24J2/34; F24J2/46	HARBIN INST OF TECHNOLOGY	Heat accumulating type anti-freeze solar heat collector system
CN101825351 A 20100908	CN20101167319 20100510	F24J2/36; F24J2/40; F24J2/46	CHENGDU QINGFU ENVIRONMENTA L PROT TECHNOLOGY CO LTD	Novel telescopic solar collector
CN101825352 A 20100908	CN20091127305 20090303	F24J2/38	NENGCAI LU	Tracking concentrating solar receiving device
CN101825353 A 20100908	CN20091010577 20090305	F24J2/40	WEICHANG LUAN	Energy-saving solar water heater sensor
CN101825354 A 20100908	CN20101166526 20100427	F24J2/46; F24J2/48	ZESHAN XU	Freeze-proof type solar flat plate heat collector
CN101825355 A 20100908	CN20101173021 20100517	F24J2/46	JIANGSU GOMON SCIENCE & TECHNOLOGY DEV CO LTD	Horizontal jacket water tank
CN101825356 A 20100908	CN20101173036 20100517	F24J2/46	JIANGSU GOMON SCIENCE & TECHNOLOGY DEV CO LTD	Horizontal finned water tank
CN101825357 A 20100908	CN20101140310 20100331	F24J2/48; F24J2/32	WANG XIAOLING; JIANZHUANG ZHAO	Solar heat collector

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN101825358 A 20100908	CN20101170705 20100427	F24J2/48	YIAN FENG	Double-layer elastic heat tube or heat conducting oil tube in solar vacuum tube
CN101825359 A 20100908	CN20101170725 20100427	F24J2/48	YIAN FENG	Elastic heat tube in solar vacuum tube
CN101825361 A 20100908	CN20091060990 20090306	F24J3/06; F24J2/46; F24J2/48	WUHAN KAIDI HOLDING INVEST CO LTD	Seasonal low-level energy surface water heat storage method and device
CN101825373 A 20100908	CN20101199538 20100531	F25B29/00; F24D3/18; F24F5/00; F24J2/04; F25B30/06	HAIKOU TIANLENG SOLAR POWER CO LTD	Solar hot-water, air-conditioning and construction integrated system
CN101826819 A 20100908	CN20101142861 20100409	H02N6/00; F24J2/24; F24J2/32; F24J2/48	BEIJING TIANPU SOLAR ENERGY INDUSTRY CO LTD	Solar energy-utilizing device capable of synchronously generating and outputting electric energy and thermal energy
CN101830634 A 20100915	CN20101190374 20100603	C03B23/057; F24J2/46	HIMIN SOLAR CO LTD	High-frequency electric sealing device for solar vacuum tubes and sealing method thereof
CN101831996 A 20100915	CN20101126648 20100318	E04D13/18; F24J2/32; F24J2/48	WUXI YIKAI SHUNDE S & T CO LTD	Modularized solar energy collecting building component
CN101832538 A 20100915	CN20101130187 20100624	F22B1/00; F22B33/00; F22G1/00; F24J2/00	SP LONGYUAN POWER TECHNOLOGY & ENGINEERING CO LTD	Method for generating power with solar energy by jointly operating fossil fuel boiler and newly-established solar energy boiler
CN101832587 A 20100915	CN20091014700 20090313	F24D5/02; F24J2/04; F24J2/24	LIANCAI ZHANG	Solar fan heater
CN101832588 A 20100915	CN20091019801 20090313	F24D5/02; F24D11/00; F24J2/04; F24J2/24	LIANCAI ZHANG	Solar heat-exchange and energy-storage fan heater
CN101832650 A 20100915	CN20091025304 20090309	F24J2/00; F24J2/05; F24J2/24; F24J2/46	YUGUI ZHANG	Wall-hanging solar water heater
CN101832651 A 20100915	CN20101167056 20100510	F24J2/02; A47J41/00; F24J2/52	MAOLIN LIU	Solar thermos bottle

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CN101832652 A 20100915	CN20101168983 20100511	F24J2/02; F24J2/38; F24J2/46; F24J2/48; F24J2/54; H02N6/00	GUOPING TANG	Automatic tracking solar cooker, solar water heater and solar photovoltaic generating system
CN101832653 A 20100915	CN20091127520 20090309	F24J2/04; F24J2/48	KECHUANG DAI	Device and method of film-type solar water heater
CN101832654 A 20100915	CN20091019803 20090313	F24J2/05; F24J2/46	LIANCAI ZHANG	Solar evacuated air collector
CN101832655 A 20100915	CN20101167150 20100415	F24J2/10; F24J2/00; F24J2/24; F24J2/46	JIANGTAO XUE	Wall type solar water heater
CN101832656 A 20100915	CN20101160327 20100421	F24J2/24; F24J2/00; F24J2/05; F24J2/46; F24J2/48	QINGDONG LIN	Solar water heater
CN101832657 A 20100915	CN20101182233 20100516	F24J2/24; F24J2/05; F24J2/46	QINGDONG LIN	Water-storing solar water heater
CN101832658 A 20100915	CN20101190861 20100528	F24J2/24; F24J2/05; F24J2/10; F24J2/46	DENGMA HAN	Solar water heater
CN101832659 A 20100915	CN20101138776 20100331	F24J2/26; F24J2/48; F24J2/50	JIANGSU CHUANGLAN SOLAR AIR CONDITIONER CO LTD	High-efficiency flat type solar heat collector and solar water heater
CN101832660 A 20100915	CN20091300788 20090310	F24J2/38	BEIJING WISWORD HI TECH CO LTD	System and array for tracking solar energy linearly
CN101832661 A 20100915	CN20101159630 20100429	F24J2/40	JIANGSU SUNSHORE SOLAR ENERGY INDUSTRY CO LTD	Fixed terminal-free solar collector remote monitoring system
CN101832662 A 20100915	CN20091019802 20090313	F24J2/46	LIANCAI ZHANG	Solar evacuated air collector tube
CN101832663 A 20100915	CN20091156647 20091230	F24J2/46	RUIHUA ZHANG	Pipe defroster of solar water heater and using method
CN101832664 A 20100915	CN20101162351 20100505	F24J2/46; C03B11/00; C03C27/02; F24J2/48; F24J2/50; F24J2/51	SHENGLI LIU	Dish solar coil type vacuum heat collector

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CN101832665 A 20100915	CN20101173455 20100517	F24J2/46; F16K21/18; F16K31/53	HANSONG YU	Water supply valve for solar water heater
CN101832666 A 20100915	CN20101180872 20100504	F24J2/46	YANBIN ZHAO	Built-in water delivery pipe emptier
CN101832667 A 20100915	CN20101185983 20100528	F24J2/46	YONGSHENG HAN	Anti-freezing intelligent control device for solar water heater
CN101832668 A 20100915	CN20101186675 20100531	F24J2/46	BEIJING JUNCHUANG YIJIAREN SOLAR ENERGY EQUIPMENT CO LTD; LIU SHENGPU	Siphon water supply method for solar water heater
CN101832669 A 20100915	CN20101188235 20100524	F24J2/46	GUANGDONG YUEJIA SOLAR ENERGY CO LTD	Single-floating ball water flowing device for heat-preservation water box of dual-liner solar water heater
CN101832670 A 20100915	CN20101188247 20100524	F24J2/46	GUANGDONG YUEJIA SOLAR ENERGY CO LTD	Dual-floating ball water flowing device for heat-preservation water box of dual-liner solar water heater
CN101832671 A 20100915	CN20101186187 20100528	F24J2/48	LANZHOU DC TECHNOLOGY HOLDINGS CO LTD; LANZHOU DC VACUUMTECHN OLOGY HOLDINGS CO LTD	Solar collector tube
CN101832672 A 20100915	CN20101132092 20100325	F24J2/54	GUOBIN XU	Solar energy collecting grid structure

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN101836055 A 20100915	WO2008US10230 20080827; US20070007926P 20070827; US20080012821 20080205; US20080012920 20080205; US20080012829 20080205	F24J2/16; F24J2/07; F24J2/24; F24J2/54	AUSRA INC	Linear fresnel solar arrays
CN101837544 A 20100922	CN20091232596 20091208	B23P23/04; B23P19/02	A O SMITH CHINA WATER HEATER CO LTD	Manufacturing process method of water-heater bottom-cap heat exchange assembly and special tooling
CN101839224 A 20100922	CN20101131000 20100316	F03G6/06; F01K17/00; F22B1/00; F24J2/30	CHENGHUI WANG	Solar-powered thermal generating set
CN101839377 A 20100922	CN20101178957 20100514	F16L11/04; B29C47/06; B29C47/38; F16L59/02; F24J2/46	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Solar-powered hot water conveying pipeline and manufacturing method thereof
CN101839554 A 20100922	CN20091030317 20090319	F24J2/00; F24J2/40	JIANGSU HUAXIA POWER COMPLETE EQUIPMENT CO LTD	Solar-powered air conditioner and water heater-integrated device
CN101839555 A 20100922	CN20091030318 20090319	F24J2/00; F24J2/40	JIANGSU HUAXIA POWER COMPLETE EQUIPMENT CO LTD	Host machine for solar-powered air conditioner and water heater-integrated device
CN101839556 A 20100922	CN20091301044 20090322	F24J2/00; F24J2/38; F24J2/46; F24J2/52; G05D3/20	BEIJING WISWORD HI TECH CO LTD	Solar linear zooming and unidirectional tracking vacuum tube utilization system

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN101839557 A 20100922	CN20101178663 20100514	F24J2/00; F24J2/24; F24J2/46; F24J2/52	MIAOZHU LUO; JINXUAN YAN; ZHUOLI YAN; ZHUOSHENG YAN	Integral solar flat-plate heat collector
CN101839558 A 20100922	CN20091301038 20090322	F24J2/02; F24J2/38; F24J2/46; F24J2/52; G02B3/00; G02B3/08; G02B5/08; G02B7/182	BEIJING WISWORD HI TECH CO LTD	Solar multi-directional tracking solar cooker
CN101839559 A 20100922	CN20091301046 20090322	F24J2/02; F24J2/38; F24J2/46; F24J2/52; G05D3/20	BEIJING WISWORD HI TECH CO LTD	Solar linear zooming and unidirectional tracking solar cooker
CN101839560 A 20100922	CN20091019956 20090320	F24J2/04; F24J2/46; F24J2/48; F24J2/50	QINLE GAO	Solar hot-wind heat collector constructing device
CN101839561 A 20100922	CN20091301036 20090322	F24J2/05; F24J2/24; F24J2/32; F24J2/38; F24J2/40; F24J2/52; G02B3/00; G02B3/08; G02B5/08; G02B7/182	BEIJING WISWORD HI TECH CO LTD	Solar multi-directional tracking vacuum tube utilization system
CN101839562 A 20100922	CN20101122774 20100312	F24J2/05; F24J2/46	HAINING YIMANGE SOLAR ENERGY S & T CO LTD	Preparation method, devices and product of heat-collecting element of inner glass tube with metal absorber
CN101839563 A 20100922	AU20040900788 20040217; AU20040900786 20040217; AU20040900787 20040217	F24J2/10; F24J2/07; F24J2/16; F24J2/24; F24J2/46; F24J2/48; F24J2/50; F24J2/54	SOLAR HEAT AND POWER PTY LTD	Multi-tube solar collector structure
CN101839564 A 20100922	CN20101153422 20100421	F24J2/12; F24J2/46	UNIV SOUTHEAST	Wall-hanging-type heat collector adopting half-edge compound parabolic concentrating devices
CN101839565 A 20100922	CN20101203267 20100620	F24J2/14; F24J2/24; F24J2/46	XIAOCHUN MA	Temperature control solar water heater

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CN101839566 A 20100922	CN20091301037 20090322	F24J2/20; F24J2/08; F24J2/10; F24J2/32; F24J2/34; F24J2/38; F24J2/40; F24J2/48; F24J2/52	BEIJING WISWORD HI TECH CO LTD	Solar multi-directional tracking plane utilization system
CN101839567 A 20100922	CN20101139082 20100402	F24J2/24; F24J2/05; F24J2/20; F24J2/26; F24J2/30; F24J2/48	HAINING YIMANGE SOLAR TECHNOLOGY CO LTD	Preparation method and product of heat collection-exchange integral solar heat utilization device
CN101839568 A 20100922	CN20101153425 20100421	F24J2/24; F24J2/05; F24J2/46; F24J2/48	UNIV SOUTHEAST	Solar directly-heated solution heat-collector and solution directly-heated heating method
CN101839569 A 20100922	CN20091301039 20090322	F24J2/32; F24J2/08; F24J2/10; F24J2/38; F24J2/40; F24J2/52	BEIJING WISWORD HI TECH CO LTD	Solar multi-directional tracking heat pipe utilization system
CN101839570 A 20100922	CN20091301033 20090322	F24J2/38; F24J2/08; F24J2/10; F24J2/40; F24J2/52	BEIJING WISWORD HI TECH CO LTD	Solar linear zooming and unidirectional tracking plane unitization system
CN101839571 A 20100922	CN20091301047 20090322	F24J2/38; F24J2/46; F24J2/52; G05D3/20	BEIJING WISWORD HI TECH CO LTD	Solar linear multi-mirror zooming and unidirectional tracking system and application
CN101839572 A 20100922	CN20091301032 20090322	F24J2/42; F24J2/38; F24J2/52; G02B3/00; G02B3/08; G02B5/08; G02B7/182; G05D3/20	BEIJING WISWORD HI TECH CO LTD	Solar linear zooming and unidirectional tracking heat pipe utilization system
CN101839573 A 20100922	CN20091047617 20090316	F24J2/46; C03B23/047	SHI KANCHAO	Preparation method and product of vacuum heat-collecting element inserting reducing cover glass tube in heat pipe
CN101839574 A 20100922	CN20091047618 20090316	F24J2/46; C03B23/047	SHI KANCHAO	Cover glass tube heat-transfer heat-collection element necking section direct forming method product and equipment thereof
CN101839575 A 20100922	CN20101142316 20100325	F24J2/46; C23C14/02; C23C14/08; C23C14/16; C23C14/35; F24J2/50	CHANGZHOU LONGTENG SOLAR ENERGY HEATING EQUIPMENT CO LTD	Inner tube suitable for trench type thermal-collecting tube of solar thermal power generation and film coating method thereof

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CN101839576 A 20100922	CN20101039151 20100105	F24J2/48; C25D7/06; C25D11/02	YUNNAN YUXI JIALI SOLAR EQUIPMENT CO LTD	Process for producing solar heat collection strip anode coating film
CN101839577 A 20100922	CN20101122764 20100312	F24J2/48; F24J2/05; F24J2/24	HAINING YIMANGE SOLAR ENERGY S & T CO LTD	Manufacturing method of heat collection element of selective absorption film with slightly uneven surface
CN101839578 A 20100922	CN20101123873 20100312	F24J2/48; F24J2/05	HAINING YIMANGE SOLAR ENERGY S & T CO LTD	Preparation method and product of vacuum heat-collecting element of inner glass tube covered, patched and sprayed with metal
CN101839585 A 20100922	CN20091010821 20090320	F25B27/00; F24D3/08; F24D3/18; F24D17/00; F24F5/00; F24J2/00; F25B13/00	DALIAN ZHONGXING TECHNOLOGIES DEV CO LTD	Solar energy-air source heat pump composite system suitable for microthermal climate
CN101839616 A 20100922	CN20091019935 20090320	F26B9/06; F24J2/00; F26B3/06; F26B21/00	SHEN XIAOLI	Recovery type solar drying device
CN101839617 A 20100922	CN20091301034 20090322	F26B9/06; F24J2/38; F24J2/52; F26B3/28; F28D15/02	BEIJING WISWORD HI TECH CO LTD	Solar multi-directional tracking solar energy drying equipment
CN101839618 A 20100922	CN20091301043 20090322	F26B9/06; F24J2/38; F24J2/52; F26B3/28; F28D15/02	BEIJING WISWORD HI TECH CO LTD	Solar linear zooming and unidirectional tracking solar energy drying equipment
CN101840050 A 20100922	CN20091301045 20090322	G02B7/182; F24J2/04; F24J2/08; F24J2/32; F24J2/38; G02B5/08; G05D3/00; G05D3/20; H01L31/052; H02N6/00	BEIJING WISWORD HI TECH CO LTD	Solar linear multi-mirror zooming and multi-directional tracking system and application
CN101840077 A 20100922	EP20050075375 20050216; EP20050075376 20050216	G02F1/01; H01L31/055; H02N6/00	STICHTING TECH WETENSCHAPP	Luminescent object and utilisation thereof
CN101840238 A 20100922	CN20091129447 20090320	G05D25/02; F24J2/00	KAIZHAI GROUP CO LTD	Optical energy management method and system

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CN101840940 A 20100922	CN20091264200 20091231	H01L31/0232	ZHANGSHENG YUAN	Extra-high-expansion lens for solar power heat-collecting device
CN101841259 A 20100922	CN20091127679 20090319	H02N6/00; F03D9/00; F24J2/00	WEIHAI FANGLIN AIR CONDITIONING EQUIPMENT CO LTD	Solar energy-wind energy-building integration system
CN101841267 A 20100922	CN20091264199 20091231	H02N6/00; F24J2/10; F24J2/24; H02N11/00	ZHANGSHENG YUAN	High-energy module for solar power heat-collecting device
CN101842644 A 20100922	WO2008JP69725 20081030; JP20070284110 20071031	F24J2/38	MITSUI SHIPBUILDING ENG	Solar light tracking sensor direction setting/measuring/re-adjusting method and solar light collecting device
CN101846396 A 20100929	CN20101161657 20100504	F24J2/00; F03D9/00	UNIV KUNMING SCIENCE & TECH	Solar energy and wind energy heat replenishing device for high-rise buildings
CN101846397 A 20100929	CN20101182135 20100525	F24J2/00; F24J2/40; F24J2/46	ZONOPO INTELLIGENT TECHNOLOGY CO LTD	Solar energy-wind energy-air energy comprehensive hot water supply system and implementation method thereof
CN101846398 A 20100929	CN20091048473 20090327	F24J2/05; F24J2/24; F24J2/34; F24J2/46	SHANGHAI GENERAL ENERGY TECHNOLOGY CO LTD	Solar phase-change heat collecting and storing tube
CN101846399 A 20100929	CN20091048477 20090327	F24J2/05; F24J2/24; F24J2/34; F24J2/40; F24J2/46	SHANGHAI GENERAL ENERGY TECHNOLOGY CO LTD	Solar phase-change heat accumulation water heater with overheating protection device
CN101846400 A 20100929	CN20101203069 20100609	F24J2/05; F24J2/40; F24J2/46	DALIAN SIEVERT TESTING EQUIPME	Single-working medium pressure-bearing circulated layered heat-storage split solar water heater with glass heat collecting pipes

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CN101846401 A 20100929	CN20101203233 20100611	F24J2/05; F24J2/46	HEFEI RONGSHIDA SOLAR ENERGY SCIENCE & TECHNOLOGY CO LTD	Solar water heater with vacuum pipe
CN101846402 A 20100929	CN20101188133 20100528	F24J2/10; F24J2/46	YIKEBO ENERGY TECHNOLOGY SHANGHAI CO LTD	Fresnel solar collector
CN101846403 A 20100929	CN20091136874 20071213	F24J2/20; E04D13/18; F24J2/48	XIAOFU LUO	Solar greenhouse effect water heating plate system
CN101846404 A 20100929	CN20101184040 20100527	F24J2/28; F24J2/48; F24J2/50	UNIV BEIJING TECHNOLOGY	Porous material solar energy air heat-collecting device
CN101846405 A 20100929	CN20091048479 20090327	F24J2/34; F24J2/05; F24J2/24; F24J2/46	SHANGHAI GENERAL ENERGY TECHNOLOGY CO LTD	Solar phase change thermal storage water heater
CN101846406 A 20100929	CN20101173595 20100517	F24J2/38; F24J2/46; F24J2/52	SHANDONG WEITE ENVIRONMENT CO LTD	Trough type solar heat collector, manufacture method thereof and solar heat utilization system
CN101846407 A 20100929	CN20091038334 20090327	F24J2/40; F24J2/00; G05B19/04; G05D23/00	DANLIN WANG	Time-interval control method of mixed-energy hot water system
CN101846408 A 20100929	CN20091048480 20090327	F24J2/46; F24J2/00; F24J2/34; F24J2/40	SHANGHAI GENERAL ENERGY TECHNOLOGY CO LTD	Water-break overheat protector and solar phase-change heat accumulation water heater with same
CN101846409 A 20100929	CN20101192528 20100604	F24J2/46; F24J2/20	ZESHAN XU	Plate core for flat-plate solar collector
CN101846410 A 20100929	CN20101194532 20100608	F24J2/46	QIKUN ZHANG	Balcony wall-hanging solar water tank

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CN101846411 A 20100929	CN20101200330 20100613	F24J2/46	DUANQIAO ZHANG	Solar heat storage units and solar water heater without water tank consisting of same
CN101846412 A 20100929	CN20101227278 20100715	F24J2/46	HARBIN DEGUANG NEW ENERGY CO LTD	Circulating water anti-freezing system for solar heat collector
CN101846787 A 20100929	CN20091301055 20090323	G02B7/182; F24J2/02; F24J2/04; F24J2/08; F24J2/32; F24J2/38; G02B5/08; G05D3/20; H02N6/00	BEIJING WISWORD HI TECH CO LTD	Solar linear lens zoom tracking system and application
CN101846788 A 20100929	CN20091301057 20090323	G02B7/182; F24J2/02; F24J2/04; F24J2/08; F24J2/32; F24J2/38; G02B5/08; G05D3/20; H02N6/00	BEIJING WISWORD HI TECH CO LTD	Solar energy distributed linear solar optical lens tracking system and application
CN101847314 A 20100929	CN20101163986 20100428	G08C19/00; F24J2/40	MING XIN	Signal transmission method and transmission device for solar water heater
CN101849145 A 20100929	WO2006US60083 20061019; US20050728245P 20051019	F24J2/00	CRUZ ALUIZIO M	Distributive optical energy system
CN101850741 A 20101006	CN20101138551 20100402	B60P3/335; F24J2/05; F24J2/24; F24J2/34; H02J7/00	SHENGLI LIU	Solar mobile vehicle for living
CN101851576 A 20101006	CN20091111399 20090402	C12M1/107; F24J2/00	MENGZHU ZHANG	Building method of hydraulic-type solar marsh gas tank with composite material
CN101851991 A 20101006	CN20101212608 20071107	E04D13/18; F24J2/46	SHULIANG CAO	Ceramic solar roof hot-water container
CN101852489 A 20101006	CN20101184124 20100510	F24H4/02; E03B3/28; F01K27/00; F22B3/00; F24J2/00	TAILAI XIAN	Technique of water supply, heat supply and cold supply power plant by trans-critical carbon dioxide to absorb air, water and solar heat
CN101852492 A 20101006	CN20101178906 20100521	F24H9/00; F24H9/02; F24J2/46	ZHENGYI FENG	Telescopic connected high-efficiency dual-purpose water tank

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CN101852496 A 20101006	CN20101113608 20100225	F24J2/00; F24D11/00	HAERBIN KAIEN TECHNOLOGY DEV CO LTD	Multipurpose solar water heater
CN101852497 A 20101006	CN20101115465 20100226	F24J2/00; F24J2/46; F24J2/48; F24J2/50	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Polymer-based solar collector
CN101852498 A 20101006	CN20081306768 20081231	F24J2/05; F24J2/24; F24J2/46	BEIJING HIKEEN TECH CO LTD; BAOAN XU	Solar collector with necked long-diameter vacuum heat collection tubes in longitudinal inserted and closely packed arrangement
CN101852499 A 20101006	CN20091132985 20090401	F24J2/38; F24J2/02; F24J2/40; G02B7/02; G02B7/182; G02B27/09	JIE ZHANG	Disc type focusing device capable of adjusting focusing ratio
CN101852500 A 20101006	CN20101182963 20100522	F24J2/46	WEIGUO YAO; ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD	Panel solar energy one-way cycle intelligent frequency-conversion auxiliary heating control system
CN101852501 A 20101006	CN20101204091 20100621	F24J2/46	FENG CHEN	Water-saving device for pressurizing water tank and evacuating pipeline for solar water heater
CN101854131 A 20101006	CN20091010972 20090401	H02N6/00; F24J2/48	INST METAL RES CHINESE ACAD SC	High-temperature-resistant selective solar energy-absorbing film and preparation method thereof
CN101857349 A 20101013	CN20101194022 20100604	C02F11/12; F24J2/30; F24J2/32	UNIV ZHEJIANG	System using solar energy to dry sludge in vacuum
CN101858614 A 20101013	CN20091135200 20090412	F24D15/00; F24J2/00	QINGHAI LIU	Solar radiator
CN101858649 A 20101013	CN20101188124 20100528	F24J2/00; F24J2/10; F24J2/24; F24J2/38; F24J2/46; F24J2/50	CUBE ENERGY TECHNOLOGY SHANGHAI	Fresnel solar collector
CN101858650 A 20101013	CN20091131642 20090413	F24J2/04; F24J2/24; F24J2/40; F24J2/46	SHUZHEN CHEN	High-efficiency solar energy water heater

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CN101858651 A 20101013	CN20101203710 20100617	F24J2/24; F24J2/46	CHANGZHI YUTONG MECHANICAL EQUIPMENT CO LTD	Solar water heater
CN101858652 A 20101013	CN20101115475 20100226	F24J2/36; F24J2/24	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Blanket-type solar heat collector
CN101858653 A 20101013	CN20101118756 20100226	F24J2/46; B32B15/095; B32B27/08; F24J2/51	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Heat insulating reflector panel of polymer-based solar collector
CN101858654 A 20101013	CN20101197420 20100611	F24J2/46; F24J2/40	DEEN DONG	Anti-freezing intelligent drainage system for solar pipe in winter
CN101858655 A 20101013	CN20101204965 20100618	F24J2/46	CUBE ENERGY TECHNOLOGY SHANGHAI	One-dimensional Fresnel solar energy collector
CN101858656 A 20101013	CN20101209626 20100625	F24J2/46	YONGSHENG HAN	Built-in simple and easy emptying valve of solar water heater
CN101858657 A 20101013	CN20101118757 20100226	F24J2/48; C08L23/06; C08L23/12; C08L23/16; C08L51/06; C08L53/02; C08L67/02; C08L69/00; C08L77/00; C08L81/02	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Collecting tube of polymer-based solar collector
CN101858658 A 20101013	CN20101118758 20100226	F24J2/48	GUANGDONG LIANSU TECHNOLOGY IND CO LTD	Heat-collecting tube applied to polymer-base solar heat collector
CN101858659 A 20101013	US20080119855P 20081204	F24J2/54; H01L31/052; H02N6/00	YIKEBO ENERGY TECHNOLOGY SHANG	Polar axis tracking device of solar collector
CN101858669 A 20101013	CN20101200072 20100611	F25B29/00; F24F5/00; F24F12/00; F24J2/30; F24J3/08	WANGDAN ZHANG	Water-cooled air conditioning and water heating system

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CN101859014 A 20101013	CN20101200437 20100609	G02B7/198; F24J2/38; F24J2/40	INST ELECTRICAL ENG CAS	Azimuth-elevation tracking method of heliostat with reflecting mirror surface deviated from rotating center
CN101860264 A 20101013	CN20091131857 20090409	H02N6/00; E04D13/18; F24J2/50	YULIN ZHU	Pyroelectricity cogeneration improved structure
CN101864582 A 20101020	CN20101172230 20100512	C25D3/08; C25D5/44; F24J2/50	ZHENENGHE SHANGHAI SOLAR ENERY EQUIPMENT CO LTD	Preparation method of aluminum base large-area electroplating black chromium solar heat collecting panel
CN101865533 A 20101020	CN20091135155 20090419	F24J2/00; F24J2/46	JUNSHUN CHEN	Solar cluster aerial heat connecting device
CN101865534 A 20101020	CN20101188135 20100528	F24J2/00; F24J2/10; F24J2/12; F24J2/24; F24J2/48	CUBE ENERGY TECHNOLOGY SHANGHAI	Solar receiver
CN101865535 A 20101020	CN20101199790 20100613	F24J2/00; F24J2/40; F24J2/54	UNIV TIANJIN TECHNOLOGY	Solar-tracking and heat-collecting system
CN101865536 A 20101020	CN20101207642 20100624	F24J2/00; F24J2/05; F24J2/10; F24J2/20; F24J2/24; F24J2/32; F24J2/46; F24J2/48	GUOQING WANG	Concentrating solar collector
CN101865537 A 20101020	CN20101214437 20100630	F24J2/00; F24J2/40	SUZHOU NEW ASIA TECHNOLOGIES INC	Solar heat pump water heater
CN101865538 A 20101020	CN20101214072 20100630	F24J2/05; F24J2/46	XUEDONG MAO	Solar energy water heater with dual water storage tanks directly communicated with dual floating glass vacuum heat-collecting tubes
CN101865539 A 20101020	CN20101174691 20100513	F24J2/10; F24J2/48	CUBE ENERGY TECHNOLOGY SHANGHAI	Linear Fresnel solar heat collector device
CN101865540 A 20101020	CN20101196164 20100610	F24J2/20; E04D13/18; F24F7/007; F24J2/46; F24J2/48	PEISHI ZHU	Solar air heat collection radiator integrated with building

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CN101865541 A 20101020	CN20101214428 20100630	F24J2/30; F24D3/00; F24F5/00; F24J2/46; F25B15/06	SUZHOU NEW ASIA TECHNOLOGIES INC	Solar system
CN101865542 A 20101020	CN20101204210 20100621	F24J2/32; F24J2/30; F24J2/46	TENGFEI YANG; FEILONG ZOU	Plate-type solar water heater
CN101865543 A 20101020	CN20101191069 20100603	F24J2/34; F24J2/00; F24J2/46	CHANGZHOU SUNLIGHT SOLAR ENERGY CO LTD	Large-scale solar water heater system
CN101865544 A 20101020	CN20101159863 20100429	F24J2/40	YUANSHUAI NIU	Automatic water supply control device
CN101865545 A 20101020	CN20091049233 20090414	F24J2/46	SHANGHAI GOLDEN SUN SOLAR ENERGY TECHNOLOGY CO LTD	Integral type solar energy heat pipe with unequal diameters
CN101865546 A 20101020	CN20101157450 20100428	F24J2/46	QIN WANG	Automatic sealing device of solar water heater
CN101865547 A 20101020	CN20101206512 20100623	F24J2/46; F24J2/52	PUYANG DIPU PETROLEUM TECHNOLOGY DEV CO LTD; MINGXUN ZHANG	Double-cabin type solar energy water heater
CN101865548 A 20101020	CN20101174681 20100513	F24J2/48	CUBE ENERGY TECHNOLOGY SHANGHAI	Solar receiver
CN101865549 A 20101020	CN20101201490 20100612	F24J2/48	FENGHUA DONG	High-efficiency full-glass heat tube
CN101865550 A 20101020	CN20101196630 20100608	F24J2/50	GUANGZHOU INST ENERGY CONV CAS	Airbag type transparent cover plate of flat plate solar heat collector

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CN101866028 A 20101020	CN20101174702 20100513	G02B5/08; F24J2/46; H01L31/04; H02N6/00	CUBE ENERGY TECHNOLOGY SHANGHAI	Solar collector
CN101867320 A 20101020	CN20101184286 20100527	H02N6/00; F24J2/48	UNIV TIANJIN	Photoelectric photo-thermal combined vacuum straight-through heat collector for trench light condensing system
CN101867322 A 20101020	CN20101188297 20100601	H02N6/00; F24J2/00; F24J2/24; H02N11/00	YUAN ZHANGSHENG	Fully automatic solar power generation and water supply integrated machine
CN101867328 A 20101020	CN20101204941 20100618	H02N6/00; F24J2/46; F24J2/52	CUBE ENERGY TECHNOLOGY SHANGHAI	Solar collector
CN101868676 A 20101020	WO2009US61948 20091023; US20080197169P 20081024; US20090605241 20091023	F24J2/04	BABCOCK & WILCOX POWER GENERAT	Shop-assembled solar receiver heat exchanger
CN101871249 A 20101027	CN20101147016 20100320	E04D13/18; F24J2/46; F24J2/48	XIAOFU LUO	Solar water heating tile
CN101871438 A 20101027	CN20091106875 20090427	F03G6/00; F03G7/04; F24J2/34; F25B30/06	TIANXIANG WANG	Solar heat water low-temperature generating system
CN101871439 A 20101027	CN20101134928 20100325; CN20101199847 20100531	F03G6/04; F03G6/06; F24J2/14; F24J2/32; F24J2/34; F24J2/48; F25B27/00; F25B29/00	FANGLIANG LIU	Device for generating, refrigerating and heat supplying by solar energy and biomass energy
CN101871440 A 20101027	CN20101199189 20100613	F03G6/06; F01D15/10; F01K17/04; F24J2/00; F25B27/00; F25B41/06	UNIV SHANGHAI JIAOTONG	Solar energy-natural gas complementary injection type distributed combined cold heat and power supply device
CN101871680 A 20101027	CN20091137430 20090421	F24F5/00; F24J2/00; F25D23/12	DEZHI WANG	Home appliance and decoration integration
CN101871687 A 20101027	CN20091135082 20090422	F24H1/18; F24H1/12; F24H4/02; F24H7/02; F24H9/00; F24H9/18; F24J2/00	YUNLIU LIU	Storage and instant electric water heaters, solar water heat and heat pump water heater and water tank structure thereof
CN101871694 A 20101027	CN20091026592 20090426	F24J2/00; A01D75/00	ZHIMING ZHU	Solar water heater on reaper

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CN101871695 A 20101027	CN20091020385 20090423	F24J2/04; C02F1/48; F24J2/46	SHAOLI CHENG	High-energy magnetizing solar water heater
CN101871696 A 20101027	CN20101230437 20100720	F24J2/05; F24J2/46	QIANG WANG	Unpressurized serial solar energy vacuum tube heat collector
CN101871697 A 20101027	CN20101213768 20100629	F24J2/06; F24J2/30; F24J2/32; F24J2/46	UNIV GUANGZHOU	Tracking vertical type heat storing and collecting combined type solar water heater light concentrating and heat collecting system
CN101871698 A 20101027	CN20091061745 20090427	F24J2/10	LIN CHEN; XIAOLEI JIANG; XIAOQI JU; XIANG LI; LI LIN; XUEJUN LIN; XIAOCHUAN SHI; FANG WANG	Method for forming solar light collecting device by using reflector and light collector
CN101871811 A 20101027	CN20101201885 20100609	G01J1/04; F24J2/46; G01J3/28; H02K7/10	UNIV NORTH CHINA ELEC POWER	Radiation measuring device of light-gathering heat collection pipe and scanning analysis method thereof
CN101871864 A 20101027	CN20091082610 20090421	G01N3/10; F24J2/46	BEIJING TSINGHUA SOLAR ENERGY DEV CO LTD	On-line detection method of anti-detonating quality of all-glass heat tube type evacuated solar collector tube and device
CN101871865 A 20101027	CN20091082611 20090421	G01N3/10; F24J2/46	BEIJING TSINGHUA SOLAR ENERGY DEV CO LTD	On-line detection method for anti-detonating quality of all-glass heat tube type evacuated solar collector tube
CN101876196 A 20101103	CN20101146567 20100413	E04D13/18; E04B2/00; F24J2/46	JINGLONG ZHANG	Door/window guard plate type photochromic solar wall
CN101876197 A 20101103	CN20101146586 20100413	E04D13/18; F24J2/46	JINGLONG ZHANG	Heating and cooling type color-changing solar tile
CN101876198 A 20101103	CN20101146592 20100413	E04D13/18; E04B2/00; F24J2/46; H02N6/00	JINGLONG ZHANG	Photothermal and photoelectric integral type color-changing solar wall
CN101876210 A 20101103	CN20101146588 20100413	E04H1/02; E04D13/18; E04F13/072; F24J2/00; F24J2/46	JINGLONG ZHANG	Active and passive combined color-changing solar house

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CN101876480 A 20101103	CN20091302047 20090430	F24J2/00; F24J3/08; F28D15/02; H02N6/00	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Distributed new energy supply system for town
CN101876481 A 20101103	CN20091302048 20090430	F24J2/00; E04D13/00; E04D13/18; F24J3/08; F28D15/02; H02N6/00	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Renewable energy resource facility agriculture
CN101876482 A 20101103	CN20091302052 20090430	F24J2/00; E04D13/00; E04D13/18; F24J3/08; F28D15/02; H02N6/00	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Renewable energy source facility agriculture energy source supply system
CN101876483 A 20101103	CN20091138547 20090428	F24J2/04; F24J2/40; F24J2/46	XINGQI LI	Pressure-free antifreezing water-saving solar water heater capable of automatically discharging hot water at first
CN101876484 A 20101103	CN20101253670 20100816	F24J2/05; F24J2/46; F24J2/50; H02N6/00	SHANGHAI SHENGHE NEW ENERGY RESOURCES SCIENCE & TECHNOLOGY CO LTD	Vacuum tube collector special for solar ammonia water thermoelectric conversion system
CN101876485 A 20101103	CN20091302022 20090430	F24J2/30; F24J2/08; F24J2/10; F24J2/24; F24J2/46; F24J2/48; F24J2/51	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Internal quartz solar photo-thermal converter and method
CN101876486 A 20101103	CN20091302027 20090430	F24J2/30; F24J2/08; F24J2/10; F24J2/24; F24J2/46; F24J2/48; F24J2/51	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	External quartz solar photo-thermal converter and method

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CN101876487 A 20101103	CN20091272708 20091110	F24J2/46; C04B14/04; C04B18/12; C04B18/14; C04B28/06; F28D20/00	UNIV WUHAN TECH	Method for manufacturing prefabricated concrete heat storage module for solar heat power generation
CN101876488 A 20101103	CN20091272709 20091110	F24J2/46; C09K5/14; F28D20/00	UNIV WUHAN TECH	Method for arranging structure of heat exchange pipes of concrete heat storage system for solar thermal power generation
CN101876489 A 20101103	CN20101146574 20100413	F24J2/46	JINGLONG ZHANG	Transparent hollow-type solar wall frame
CN101876490 A 20101103	CN20091214222 20091225	F24J2/48; C23C14/06; C23C14/35	GUANGZHOU KELING ADVANCE TECH CO LTD; GUANGZHOU INST ENERGY CONV CAS	Solar energy medium-high temperature selective heat absorbing coating
CN101876491 A 20101103	CN20091302023 20090430	F24J2/48; C09D5/32; F24J2/24; F24J2/46	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Quartz and array solar-thermal converter and method
CN101876492 A 20101103	CN20091302024 20090430	F24J2/48; C03C17/00; C09D5/32; F24J2/46	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Quartz heat pipe and array solar-thermal converter and method
CN101876493 A 20101103	CN20091302025 20090430	F24J2/48; C03C17/00; C09D5/32; F24J2/46; F24J2/51	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	External quartz-array solar photo-thermal converter and method
CN101876494 A 20101103	CN20091302026 20090430	F24J2/48; C09D5/32; F24J2/46; F24J2/51	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Internal quartz array solar photo-thermal converter and method

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CN101876516 A 20101103	CN20091302054 20090430	F28D15/02; E04D13/00; E04D13/18; F24J2/00; F24J3/08; H02N6/00	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Distributed new energy supply method for town
CN101877558 A 20101103	CN20091302050 20090430	H02N6/00; C02F11/04; C12M1/107; E04B7/16; E04D13/18; F24J2/00; F24J3/08	BEIJING ZHIHUIJIAN SCIENCE & TECHNOLOGY DEV CO LTD	Focusing thermoelectric power station for renewable energy resource facility agriculture
CN101881512 A 20101110	CN20091027510 20090510	F24J2/00; F24J2/46; F24J2/48; F24J2/50	MINGLIANG DING	Large-scale storage of solar energy
CN101881513 A 20101110	CN20091152671 20090917	F24J2/00; F24J2/46; F24J2/48; F24J2/50	GENQI CHEN	Solar water heater
CN101881514 A 20101110	CN20101234815 20100723	F24J2/00; F24D3/00; F24F5/00	PU WANG	Solar dual-purpose device for bathing and heating
CN101881515 A 20101110	CN20091015115 20090509	F24J2/04; F24J2/46; F24J2/51	LIMIN SUN	Solar heat collector
CN101881516 A 20101110	CN20091015315 20090508	F24J2/05; F24J2/10; F24J2/24; F24J2/32; F24J2/46; F24J2/48	YICHANG DONG	Combined superconductive solar heat-absorbing tube
CN101881517 A 20101110	CN20091015096 20090508	F24J2/10; F24J2/24; F24J2/46	XIYUAN XU	Vacuum tube solar water heater with light reflecting and concentrating panel
CN101881518 A 20101110	CN20101211315 20100625	F24J2/28; F24J2/40; F24J2/46; F24J2/48; F24J2/52	UNIV HEHAI	Solar porous medium air heater, detection system and loss computing method
CN101881519 A 20101110	CN20101233590 20100722	F24J2/32; F24J2/46	HENGYUE WANG; HUANG YONGDING	All-weather heat-tube vacuum collector

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CN101881520 A 20101110	CN20101208092 20100624	F24J2/38; F24J2/46	YUNNAN NORMAL UNIVERSITY; GUODONG CHEN; KUNMING GAODE NEW ENERGY TECHNOLOGY DEV CO LTD; KUNMING SHENGYUDA MOLD CO LTD	Automatic tracking line focusing solar collector tube receiving hanger frame device
CN101881521 A 20101110	CN20091015114 20090509	F24J2/46	LIMIN SUN	Arc energy concentrating cover
CN101881522 A 20101110	CN20101143801 20100412	F24J2/46; F24J2/05; F24J2/24	JIANGSU YUPU SOLAR ENERGY CO LTD	Coaxial sleeve two-circuit vacuum tube heat collector junction box
CN101881523 A 20101110	CN20101208144 20100624	F24J2/46; G02B7/198; H02N6/00	GUODONG CHEN; KUNMING SHENGYUDA MOLD CO LTD; YUNNAN NORMAL UNIVERSITY; KUNMING GAODE NEW ENERGY TECHNOLOGY DEV CO LTD	High temperature solar tiled reflecting mirror array architecture
CN101881524 A 20101110	CN20101211339 20100629	F24J2/46	YU DING	Solar energy gathering and transmitting device

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CN101881525 A 20101110	CN20101253851 20100816	F24J2/46; F24J2/48; F24J2/50	SHANGHAI SHENGHE NEW ENERGY RESOURCES SCIENCE & TECHNOLOGY CO LTD	Solar vacuum tube
CN101882712 A 20101110	CN20091139032 20090508	H01Q15/16; F24J2/02; F24J2/12; H02N6/00	YIMING ZHAO	Nano universal solar satellite television pot and manufacture, installation and use method thereof
CN101882889 A 20101110	CN20091057184 20090506	H02N6/00; F24J2/22; F24J2/46; H01L31/042	ZHENG TANG	Flat-plate solar power generating and heating system
CN101883956 A 20101110	WO2007CH00314 20070625	F24J2/04; F24F5/00; F24J2/44; F24J2/50; F24J2/52; H01L31/048; H01L31/058	POSNANSKY ANDRE; POSNANSKY FRANK	Roof structure for a solar system
CN101886835 A 20101117	CN20101218688 20100706	F24F3/14; F24J2/00	UNIV NANCHANG	Solar stage solution heat collecting and regenerating device adopting air pretreatment
CN101886846 A 20101117	CN20101211312 20100625	F24J2/40; G01M99/00	UNIV HEHAI	Solar air heat absorber measurement and control system and performance and temperature prediction and protection method
CN101886847 A 20101117	CN20091083765 20090511	F24J2/46; F24J2/48	TIANFANG FAN; WEIHAI FAN	Medium-high temperature solar thermal collector tube
CN101886848 A 20101117	CN20091083766 20090511	F24J2/48; B32B7/02; C23C14/06; C23C14/08; C23C14/14; C23C14/34; C23C14/35	TIANFANG FAN; WEIHAI FAN	Solar spectrum selective absorbing film and preparation method thereof
CN101886849 A 20101117	JP20090117846 20090514	F24J2/48; H02N10/00	JAPAN AEROSPACE EXPLORATION; UNIV WUHAN TECH; UNIV TSINGHUA	Solar heat collection body and sunlight heat power generation module

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CN101886856 A 20101117	CN20101226257 20100714	F25B29/00; F24D3/00; F24F5/00; F24H4/02; F24J2/00; F25B27/00; F25B49/00	KUNMING RAILWAY RES INST OF SCIENCE & TECHNOLOGY	Energy-saving tri-link hot water and air conditioning integrated application device
CN101886874 A 20101117	CN20091117275 20090512	F26B17/14; F24J2/30; F24J2/46; F26B3/06; F26B21/00; F26B25/22	GANSU JINSHI CHEMICAL CO LTD	Automatic constant temperature drying and automatic regulation material flow control device of light energy vertical dryer
CN101892794 A 20101124	US20090468950 20090520	E06B5/00; E06B3/24; E06B3/663; F24J2/30	UNIV CITY HONG KONG [HK]	Solar heat absorbing window
CN101892795 A 20101124	CN20101224257 20100707	E06B5/00; E06B7/02; F24J2/20; F24J2/48; H02N6/00	ZHEJIANG NEW MENGXI ENERGY TECHNOLOGY CO LTD	Transpiration heat-transfer type solar photovoltaic optothermal combined window
CN101893104 A 20101124	CN20101250134 20100807	F16K1/34; F16K21/06; F16K31/46; F24J2/46	ZHIZHONG ZHANG	Water valve for solar water heater
CN101893222 A 20101124	CN20101273232 20100907	F22B1/00; A47J27/04; C02F1/14; F24J2/05; F24J2/24; F24J2/30	WENYU DAI	Solar rapid steam generator
CN101893274 A 20101124	CN20091116827 20090521	F24D3/08; F24D3/02; F24D19/10; F24J2/00; F24J2/40	ZHANG JIASHUN	Intelligent solar heating system
CN101893275 A 20101124	CN20101251218 20100812	F24D5/00; F24J2/00	HARBIN TIANSHUO BUILDING MATERIALS INDUSTRY CO LTD	Solar hot wind heating device and preparation method
CN101893277 A 20101124	CN20091015406 20090518	F24D12/02; F24D19/10; F24J2/00	XIANJIN ZHAN	Solar automatic temperature control radiator
CN101893325 A 20101124	CN20101222928 20100710	F24J2/00; F24J2/38; F24J2/48; F24J2/50	QINGDAO YUNTE NEW ENERGY CO LTD	Light-concentrating type high-efficient flat-plate compound heat collector

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CN101893326 A 20101124	CN20101145582 20100413	F24J2/05; F24J2/10	WUXI CITY CHANSAN PRINT CO LTD	Solar hot water bucket
CN101893327 A 20101124	CN20101253839 20100816	F24J2/05; F03G6/04; F03G6/06; F24J2/30; F24J2/32; F24J2/46; F24J2/50	SHANGHAI SHENGHE NEW ENERGY RESOURCES SCIENCE & TECHNOLOGY CO LTD	Solar-powered water heating and heat-electricity converting device
CN101893328 A 20101124	CN20101235750 20100716	F24J2/20; F24D15/02; F24J2/24; F24J2/30; F24J2/40; F24J2/46; F24J2/48; F24J2/50; F24J2/52; F28D1/03; F28D1/04; F28D7/00; F28D15/02	HAIKUN WANG	Soft-pipe/film heat exchange structure and full-automatic heat utilization products thereof
CN101893329 A 20101124	CN20091051691 20090521	F24J2/26; F24J2/46; F24J2/48; F28F1/14	SHANGHAI ENYANG SOLAR TECHNOLOGY CO LTD	Solar thermal collector
CN101893330 A 20101124	CN20101253840 20100816	F24J2/26; F24J2/48	SHANGHAI SHENGHE NEW ENERGY RESOURCES SCIENCE & TECHNOLOGY CO LTD	Solar vacuum tube collector
CN101893331 A 20101124	CN20101235409 20100726	F24J2/30; F24J2/46	JIANGSU GUANGMANG KITCHEN & BATHROOM SOLAR ENERGY CO LTD	Heat exchange device for solar water tank

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CN101893332 A 20101124	CN20101239981 20100729	F24J2/30; E04H17/16; E06B9/264; E06B9/42; F24J2/34	XUEJUN TIAN	Double-circulation instantaneous solar energy water heater
CN101893333 A 20101124	CN20091051689 20090521	F24J2/34; F24J2/00; F24J2/24; F24J2/46; F24J2/48	SHANGHAI ENYANG SOLAR TECHNOLOGY CO LTD	Flat panel solar heat collecting and circulating system
CN101893334 A 20101124	CN20091141875 20090520	F24J2/40	JIANGSU SANGLI SOLAR ENERGY IND CO LTD	Automatic control device of solar water heater
CN101893335 A 20101124	CN20091027883 20090518	F24J2/46; F24J2/48	LIDE TAO	Mouth-suspension type glass evacuated collector tube and manufacturing method thereof
CN101893336 A 20101124	CN20101203991 20100621	F24J2/46	SHULIANG CAO	Method for communicating black porcelain composite ceramic solar plates
CN101893337 A 20101124	CN20101214020 20100630	F24J2/46	XUEDONG MAO	Bi-pass single (double) float solar glass vacuumed heat-collecting tube
CN101893338 A 20101124	CN20101243868 20100803	F24J2/46; F24J2/40	UNIV JIANGSU SCIENCE & TECH	Cold water recycling device of solar water heater and operating method
CN101893339 A 20101124	CN20101266928 20100830	F24J2/46; F24J2/48; F24J2/51	UNIV SHANGHAI JIAOTONG; JIANGSU SUNSHORE SOLAR ENERGY INDUSTRY CO LTD	Separation-type vacuum tube and sleeve combinational high-temperature heat reservoir
CN101893341 A 20101124	DE20021031467 20020708	F16L27/12; F24J2/48; F24J2/05; F24J2/07; F24J2/24; F24J2/46	SCHOTT GLAS	Heat absorption tube for solar energy
CN101893342 A 20101124	CN20101245714 20090216	F24J2/48; C04B35/622; C04B41/81	SHULIANG CAO	Slip casting ceramic solar panel having inlet and outlet connectors
CN101893347 A 20101124	CN20091107354 20090519	F25B27/00; F24J2/05; F24J2/30; F25B25/02; F25B33/00; F25B37/00	YINGJIANG LIU	Direct-type solar air conditioning compound system

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CN201563588U U 20100901	CN20092237174U 20091010	A24B3/04; A24B3/10; F24J2/00	FUMING PENG	Solar-energy auxiliary heating heat pump curing barn
CN201568948U U 20100901	CN20092281378U 20091123	F22D1/00; A47J27/04; F24J2/00	GUODONG NIE	Hot water circulating device
CN201569055U U 20100901	CN20092144021U 20090823	F24D3/18; F24D3/00; F24D3/12; F24D19/10; F24J2/34	ZHANGYE HUAGUANG SOLAR ENERGY CO LTD	Solar-energy floorboard radiant-heating and water-source heat pump auxiliary-heating combination system
CN201569067U U 20100901	CN20092315844U 20091125	F24D15/02; F24J2/00	CHINA ARCHITECTURE DESIGN & RES GROUP	Solar energy kang
CN201569095U U 20100901	CN20092025734U 20090518	F24F5/00; F24J2/00	FENGHUI SHEN	Solar hot-water cooling and heating system
CN201569097U U 20100901	CN20092290914U 20091228	F24F5/00; F24J2/00	DEZHOU KEHUI SOLAR ENERGY CO LTD	Solar warming, cooling and hot water utilization system
CN201569098U U 20100901	CN20092312983U 20091022	F24F5/00; F16K3/00; F16K31/18; F24J2/00; F25B27/00; F25B27/02; F25B41/00; F25B41/04	QINGDAO ALILANG GROUND HEATING EQUIPMENT CO LTD	Air conditioner with warm water or hot gas system
CN201569168U U 20100901	CN20092269566U 20091029	F24H9/20; F24J2/40	HAIER GROUP CO LTD; QINGDAO HAIER TECHNOLOGY CO LTD	Water heater controller
CN201569173U U 20100901	CN20092240934U 20091104	F24J2/00; F24J2/30; F24J2/32; F24J2/46; F24J2/52	YONG LIU; AIJUN ZHANG	Novel wall-mounted solar heat collector
CN201569174U U 20100901	CN20092284329U 20091208	F24J2/00; F24J2/46	POLAR PHOTOVOLTAIC S CO LTD	Split type solar constant temperature water supply facility

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CN201569175U U 20100901	CN20092294457U 20091224	F24J2/00	SACHEM SOLAR ENERGY TECHNOLOGY CO LTD	Solar energy comprehensive utilization water-heating device
CN201569176U U 20100901	CN20092220320U 20091028	F24J2/05; F24J2/24; F24J2/48; F24J2/52	JINGQIU ZHENG	Movable efficient solar water heater
CN201569177U U 20100901	CN20092029797U 20090717	F24J2/20; F24J2/30; F24J2/34	AUSTRALIA MOBILE ENERGY SCIENCE AND TRADE CO LTD	Flat split type solar water heater
CN201569178U U 20100901	CN20092212230U 20091111	F24J2/24; F24J2/05; F24J2/30; F24J2/46	QIU YUYAN	Solar heat collection device with vacuum circulating heat collection element with heat-emitting cover glass tube
CN201569179U U 20100901	CN20092267428U 20091013	F24J2/24; F24J2/46	NINGBO REDDING SOLAR ENERGY EQUIPMENTS CO LTD	Circumfluent heat-removal heat collecting plate
CN201569180U U 20100901	CN20092290754U 20091228	F24J2/24; F24J2/34	YOUJUN LIU; FUHUI MAN	Plastic heat collecting pipe type solar water heater
CN201569181U U 20100901	CN20092284663U 20091209	F24J2/30; F24H4/02; F24H9/12	SUZHOU SUNSHINE SOLAR ENERGY CO LTD	Pressure-bearing solar heat pump water heater
CN201569182U U 20100901	CN20092212224U 20091111	F24J2/32; F24J2/46	QIU LIQIN	Solar heat collecting device with inward heat-delivery interface vacuum circulating heat-collecting elements
CN201569183U U 20100901	CN20092212238U 20091111	F24J2/32; F24J2/05; F24J2/26; F24J2/34	LIN JIANPING	Built-in vacuum circulating heat collecting element solar heat collecting device
CN201569184U U 20100901	CN20092131122U 20090505	F24J2/34; F24J2/30; F24J2/46; F24J2/48	GUANGFENG CHEN	Solar water heater and solar heat collector
CN201569185U U 20100901	CN20092181292U 20091112	F24J2/38; F24J2/08; F24J2/34	HONGBIN TU	Novel solar energy heat collecting and storing device
CN201569186U U 20100901	CN20092249828U 20091015	F24J2/38; F16H1/16; H01L31/042; H02N6/00	HUANG YIH GEAR INDUSTRY CO LTD	Solar tracker system

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CN201569187U U 20100901	CN20092277306U 20091222	F24J2/38; F24J2/54	YONGSHUN YANG	Sun condensing tracking device
CN201569188U U 20100901	CN20092170628U 20090811	F24J2/46; F24J2/48	SHOUZHI TIAN	Solar energy vacuumed heat-collecting tube
CN201569189U U 20100901	CN20092212225U 20091111	F24J2/46	QIU LIQIN	Inward heat-delivery interface vacuum circulating heat-collecting element
CN201569190U U 20100901	CN20092212227U 20091111	F24J2/46	QIU YUYAN	Overheating protective vacuum circulation heat collection element
CN201569191U U 20100901	CN20092212229U 20091111	F24J2/46	QIU YUYAN	Vacuum circulating heat-collecting element fuse-sealed by glass pipe
CN201569192U U 20100901	CN20092212231U 20091111	F24J2/46	QIU YUYAN	Vacuum circulating heat collection element with heat-emitting cover glass tube
CN201569193U U 20100901	CN20092212233U 20091111	F24J2/46	LIN JIANPING	Kovar sealed vacuum circulation heat collecting element
CN201569194U U 20100901	CN20092212234U 20091111	F24J2/46	LIN JIANPING	Embedded type vacuum circulation heat-collecting element
CN201569195U U 20100901	CN20092224525U 20090814	F24J2/46; F24J2/48; F24J2/51	XUECHENG TIAN	High-temperature solar heat-collecting heat-preserving tube with heat-insulating pads
CN201569196U U 20100901	CN20092251711U 20091214	F24J2/46	JUNQIANG SUN	Solar-energy water heater emptying anti-freezing device
CN201569197U U 20100901	CN20092280896U 20091215	F24J2/46	ZHENGUO LI	Solar-energy water heater emptying device
CN201569198U U 20100901	CN20092281452U 20091124	F24J2/46	YONG LIU; AIJUN ZHANG	Evacuated tube solar collector provided with core tube and cold and hot interface diversion separating strip
CN201569199U U 20100901	CN20092289671U 20091229	F24J2/46	HUANGSHI DONGBEI MECH ELECTRICAL GROUP SOLAR ENERGY CO LTD	Pressure water tank with mesh flow divider
CN201569200U U 20100901	CN20092289673U 20091229	F24J2/46	HUANGSHI DONGBEI MECH ELECTRICAL GROUP SOLAR ENERGY CO LTD	Upper-feeding lower-supply water supplementing water tank

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CN201574539U U 20100908	CN20092223737U 20090924	E04F11/18; F24J2/05; F24J2/24	HENAN KEDA ENERGY SAVING ENVIRONMENTAL PROT CO LTD	Solar collection railing
CN201575515U U 20100908	CN20092109938U 20090713	F24D3/08; F24D3/02; F24D12/02; F24D19/10; F24J2/00	BEIJING C & C SHENGBO ENVIRONMENT TECHNOLOGY CO LTD	Integral energy-saving and environmental-protection unit system
CN201575530U U 20100908	CN20092215307U 20091231	F24D15/02; F24D19/10; F24J2/00	GUOQIANG ZHAO	Solar warmer
CN201575599U U 20100908	CN20092219742U 20091020	F24H9/12; F24H9/20; F24J2/40; F24J2/46	BEIJING YIYOU INNOVATION SCIENCE & TECHNOLOGY CO LTD	Automatic temperature control water economizer
CN201575604U U 20100908	CN20092167670U 20090728	F24J2/00; F24J2/46	QINGDAO FUYING HEAT ENERGY ENGINEERING CO LTD	Solar water heater provided with direct plug-in heat- conducting medium heating chamber
CN201575605U U 20100908	CN20092241830U 20091222	F24J2/02	MING LENG	Rapid solar air-drying device
CN201575606U U 20100908	CN20102010034U 20100105	F24J2/05; F24J2/13; F24J2/38; F24J2/40; F24J2/46	KECHUN ZHAO	Sunlight receiver
CN201575607U U 20100908	CN20092202656U 20091224	F24J2/10; F01K11/02; F24J2/38	KAIHAO HE	Condensation collimating device of tower type solar thermal power system
CN201575608U U 20100908	CN20102019627U 20100114	F24J2/10; F24J2/38; H02J7/00	YANGZHENG QIAO	Full-automatic solar cooker
CN201575609U U 20100908	CN20092203107U 20090905	F24J2/20; F24D15/02; F24F7/06; F24J2/48	UNIV DALIAN TECH	Multifunctional solar air heat-collector combined module arranged on integrated wall surface of building
CN201575610U U 20100908	CN20092255715U 20091125	F24J2/24; F24J2/05; F24J2/46	YONGWEI HUANG	Vacuum tube solar water heater

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CN201575611U U 20100908	CN20092302743U 20090430	F24J2/30; F24J2/08; F24J2/10; F24J2/32; F24J2/46; F24J2/48; F24J2/51	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	External quartz solar energy photo-thermal converter
CN201575612U U 20100908	CN20092302746U 20090430	F24J2/30; C09D5/32; F24J2/08; F24J2/10; F24J2/24; F24J2/32; F24J2/46; F24J2/48; F24J2/51	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	External quartz array solar energy photo-thermal converter
CN201575613U U 20100908	CN20092317961U 20091221	F24J2/30; F24D17/00; F24D19/10; F24J2/34; F24J2/40	SHUSHENG CHEN	Heat-accumulating type plate changing solar energy collector system
CN201575614U U 20100908	CN20092302747U 20090430	F24J2/32; C09D5/32; F24J2/46; F24J2/48	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Quartz heat pipe and array solar thermal converter
CN201575615U U 20100908	CN20092314646U 20091113	F24J2/38; F24J2/02; F24J2/52	ZHIWEN XIAO	Automatic tracking solar cooker
CN201575616U U 20100908	CN20092245546U 20091201	F24J2/40	UNIV SHAANXI SCIENCE & TECH	Automatic water-supply system of solar water heater
CN201575617U U 20100908	CN20102015026U 20100109	F24J2/40	UNIV SHANDONG NORMAL	Anti-freezing type solar water heater
CN201575618U U 20100908	CN20092174631U 20090907	F24J2/46	DONGSHENG MIAO	Vertically-arranged type solar vacuum heat-collecting tube
CN201575619U U 20100908	CN20092202080U 20091210	F24J2/46	SHUIGEN ZHOU	Solar header pipe provided with module erection joints at two ends
CN201575620U U 20100908	CN20092202081U 20091210	F24J2/46	SHUIGEN ZHOU	Solar collecting box pipe

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CN201575621U U 20100908	CN20092227240U 20090924	F24J2/46; C03B23/057	SHANDONG LINUO NEW MATERIAL CO LTD	Automatic exhausting system for middle-temperature full-glass vacuum solar heat-collecting tube
CN201575622U U 20100908	CN20092250607U 20091120	F24J2/46	XIAOMING HAO	Solar collection focusing plate
CN201575623U U 20100908	CN20092256728U 20091106	F24J2/46; F16J15/06	YONGWEI HUANG	Sealing decorative ring
CN201575624U U 20100908	CN20092269605U 20091020	F24J2/46	SHANDONG LINUO NEW MATERIAL CO LTD	Device for cleaning inner pipe of medium-temperature all-glass vacuum solar collector tube
CN201575625U U 20100908	CN20092272170U 20091110	F24J2/46	CHENGHUA LI	Heat collecting water tank of solar water heater
CN201575626U U 20100908	CN20092276108U 20091207	F24J2/46	QINGDAO FUYING HEAT ENERGY ENGINEERING CO LTD	Novel solar energy water box electromagnetic heater
CN201575627U U 20100908	CN20092290725U 20091224	F24J2/46	SHANDONG LINUO PARADIGMA CO LTD	V-shaped tube solar thermal collector
CN201575628U U 20100908	CN20092290726U 20091224	F24J2/46	SHANDONG LINUO PARADIGMA CO LTD	V-shaped tube adjustor
CN201575629U U 20100908	CN20092306100U 20090713	F24J2/46	CHAO QIAO	Emptying device for water pipe of solar water heater
CN201575630U U 20100908	CN20102000325U 20100108	F24J2/46; C02F1/00	YONGFENG CHEN	Improved scale removal device for solar energy water heater
CN201575631U U 20100908	CN20102000328U 20100108	F24J2/46; F16K31/06	YONGFENG CHEN	Emptying system of solar water heater

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CN201575632U U 20100908	CN20102046737U 20100111	F24J2/46; F24D17/00	BEIJING SOLAR ENERGY RES INST	Bearing type water heater water tank
CN201575633U U 20100908	CN20102049399U 20100105	F24J2/46	JIAXING SOLAR ENERGY CO LTD	Water-pump circulation split type solar energy water heater
CN201575634U U 20100908	CN20102062409U 20100101	F24J2/46	ZHIPING WANG	Built-in evacuation anti-freeze type solar energy water heater
CN201575635U U 20100908	CN20102107027U 20100202	F24J2/46	FUJIAN ZHAOAN KEYA LIGHTING CO LTD	Solar energy water boiler
CN201575636U U 20100908	CN20092302749U 20090430	F24J2/48; C09D5/32; F24J2/24; F24J2/46	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Quartz and array solar photo-thermal converter
CN201575659U U 20100908	CN20092303801U 20090531	F26B3/28; F24J2/38; F24J2/46; F24J2/54	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Tracking and drying equipment of distributed point focusing optical lens
CN201575666U U 20100908	CN20092303836U 20090531	F26B9/06; F24J2/00; F28D15/02; F28D20/00; H02N6/00	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Solar energy low-temperature thermal storage type drying equipment
CN201577359U U 20100915	CN20092111564U 20090624	A01G9/24; C12M1/02; C12M1/107; F24J2/00; F25B27/00	UNIV KUNMING SCIENCE & TECH	Solar energy biogas heat compensation device of greenhouse

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201577520U U 20100915	CN20092253730U 20091119	A24B3/10; A24B3/04; F24J2/04; F24J2/46	YUNBO DANG; BING HE; HONGJIA JIANG; RUNTAO LI; PENGCHENG LIU; YUEWU LIU; YONGHENG LU; BINGHUA WANG; YUENENG WANG	Solar tobacco curing house
CN201582900U U 20100915	CN20092250318U 20091113	F24D3/08; F24D3/18; F24D11/02; F24D19/10; F24F5/00; F24J2/04	FENG CHENG; GAO ZHANGFA; GAOPING LI; JUNBO LI; YANING WANG	All-weather intelligent solar energy heat collection co-generation system
CN201582970U U 20100915	CN20092232280U 20091009	F24H1/20; F24H9/18; F24H9/20; F24J2/00	MEIYI ZOU	Water heater
CN201583000U U 20100915	CN20092086016U 20090522	F24J2/00; F24J2/46	YUNZHI MA	Simple solar heat collecting device
CN201583001U U 20100915	CN20092100715U 20090828	F24J2/00; F24J2/24; F24J2/48	XINGZHI TANG	Solar boiler
CN201583002U U 20100915	CN20092111919U 20090909	F24J2/00; F24J2/05; F24J2/46	YONGGUANG FENG	Double-barrel solar energy water heater
CN201583003U U 20100915	CN20092257398U 20091104	F24J2/00; F24J2/46	QUN SHAN	Solar energy water heater capable of automatically supplying water
CN201583004U U 20100915	CN20102037753U 20100118	F24J2/02; F24J2/00; F24J2/54	BO LI	Sun-following solar cooker capable of automatically synchronizing motion with sun
CN201583005U U 20100915	CN20092212235U 20091111	F24J2/04; F24J2/46	GUOLIANG SHI	Vacuum circulating heat collecting element solar heat collecting device
CN201583006U U 20100915	CN20092266879U 20091104	F24J2/04; F24J2/46; F24J2/48; F24J2/50	ZHANGFU DING	Window type solar water heater

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CN201583007U U 20100915	CN20092287026U 20091230	F24J2/04; E04B2/88; F24H1/20	SHANGHAI GAOXIN ALUMINUM ENGINEERING CO LTD	Split type solar water heater curtain wall-connecting structure
CN201583008U U 20100915	CN20092145926U 20090323	F24J2/05; F24J2/46	SHULI YANG	Solar water heater collecting heat by adopting hybrid vacuum glass heat collecting tubes
CN201583009U U 20100915	CN20102100639U 20100125	F24J2/05; F24J2/52	UNIV NANTONG	Thermal-insulation micro-bracket vacuum flat-plate solar water heater
CN201583010U U 20100915	CN20092260577U 20091119	F24J2/10; F24J2/46	ZHENLIN DU	Durative solar-concentration water heating device
CN201583011U U 20100915	CN20102022515U 20100113	F24J2/12; F24J2/46; F24J2/52	UNIV SOUTHEAST	Movable compound parabolic condenser
CN201583012U U 20100915	CN20102022517U 20100113	F24J2/12; F24J2/46; F24J2/52	UNIV SOUTHEAST	Two-stage compound parabolic concentrator
CN201583013U U 20100915	CN20092270465U 20091123	F24J2/20; F24J2/46	BEIJING JIUYANG INDUSTRY CO LTD	Air-water compound solar energy heat collector
CN201583014U U 20100915	CN20092273879U 20091211	F24J2/20; F24J2/48	MEETSOLAR CO LTD	Building component solar air heat collector
CN201583015U U 20100915	CN20092212226U 20091111	F24J2/24; F24J2/05; F24J2/30; F24J2/46	QIU YUYAN	Solar heat collecting device for overheating protection and vacuum circulation heat collecting element
CN201583016U U 20100915	CN20092212228U 20091111	F24J2/24; F24J2/05; F24J2/30; F24J2/46	QIU YUYAN	Solar heat-collecting device with vacuum circulating heat-collecting element sealed with glass tube by fusing
CN201583017U U 20100915	CN20102048924U 20100107	F24J2/26	YUXI XINGHONG SOLAR ENERGY EQUIPMENT CO LTD	Heat collection plate of pressure-bearing solar water heater
CN201583018U U 20100915	CN20092289672U 20091229	F24J2/30; F24H1/10	HUANGSHI DONGBEI M & E GROUP CO LTD	Round-the-clock hot water supplier of solar energy and gas heater

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CN201583019U U 20100915	CN20092317606U 20091216	F24J2/34; F24J2/46	INCUBATING CT OF HEILONGJIANG ACADEMY OF SCIENCE	Phase transformation solar energy heat storage device for constant-temperature laboratory
CN201583020U U 20100915	CN20092270657U 20091123	F24J2/38; F24J2/08; F24J2/24	XU JUN	Transmission type line-focus solar collector system
CN201583021U U 20100915	CN20092288610U 20091201	F24J2/38	XIONG FU; CHAO HU; XI JIANG; CHENGHAO XUE; JING YANG; YANAN ZHAO; XIAOGUANG ZHENG; BO ZHOU; YING ZHOU	Novel solar water heater
CN201583022U U 20100915	CN20092316466U 20091203	F24J2/38; F24J2/08; F24J2/24; F24J2/54	XUEHUA JIANG	Automatic tracking and automatic-focusing solar water heater
CN201583023U U 20100915	CN20092317744U 20091218	F24J2/40	WANGLIN CHEN; YILONG YIN	Intelligent emptying instrument for solar water heater
CN201583024U U 20100915	CN20092166146U 20090715	F24J2/46; F24J2/40	ZHENHUA ZHANG	Solar full-auto water feeder
CN201583025U U 20100915	CN20092171574U 20090825	F24J2/46	LIYONG LI; RONGQI LU	High position water taking and feeding device of solar heater
CN201583026U U 20100915	CN20092253841U 20091207	F24J2/46	YUNNAN YITONG SOLAR ENERGY SCIENCE AND TECHNOLOGY CO LTD	Double-row union pipe shell
CN201583027U U 20100915	CN20092268571U 20091025	F24J2/46; F24J2/52	BO HONG	Vacuum pipe solar energy water heater protecting device
CN201583028U U 20100915	CN20092287976U 20091214	F24J2/46	XUN XIE	Automatic closing device for water feeding of solar heater

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CN201583029U U 20100915	CN20092294818U 20091217	F24J2/46; G01F23/24; G01K7/16	NINGBO NEWMORNING GREEN LIGHTING TECHNOLOGY CO LTD	Underfloor sensor of solar heater
CN201583030U U 20100915	CN20102048925U 20100107	F24J2/46	YUXI XINGHONG SOLAR ENERGY EQUIPMENT CO LTD	Hot water storage tank of solar water heater with anti-freezing function through air compensation
CN201583031U U 20100915	CN20102049933U 20100118	F24J2/46; F24J2/30	HAINING QIRUIE OPTO ELECTRIC CO LTD	Solar hot water tube
CN201583032U U 20100915	CN20102049934U 20100118	F24J2/46; F24J2/24; F24J2/30	HAINING QIRUIE OPTO ELECTRIC CO LTD	Split-type pressurizing solar water heater system
CN201583033U U 20100915	CN20102101215U 20100122	F24J2/46; F24J2/22	XI LIU	Heat collecting device of solar water heater
CN201583034U U 20100915	CN20102105424U 20100127	F24J2/46; F24H9/00	MINGHUI ZHOU	Insulation water tank
CN201583035U U 20100915	CN20092181192U 20091211	F24J2/52	MEETSOLAR CO LTD	Balcony solar thermal collector bracket
CN201583036U U 20100915	CN20092273880U 20091211	F24J2/52	JIANGSU MEETSOLAR CO LTD	Balcony solar thermal collector mounting bracket
CN201583037U U 20100915	CN20092273884U 20091211	F24J2/52	MEETSOLAR CO LTD	Adjustable balcony solar thermal collector mounting support
CN201583038U U 20100915	CN20092284586U 20091211	F24J2/52	JIANGSU MEETSOLAR CO LTD	Adjustable balcony solar thermal collector support
CN201583039U U 20100915	CN20092284587U 20091211	F24J2/52	MEETSOLAR CO LTD	Mounting bracket of balcony solar thermal collector applicable to mounting requirements of various dimensions

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CN201583051U U 20100915	CN20092290363U 20091222	F25B29/00; F24J2/00; F25B30/06	KUIMING YU	Conditioning/heating dual-purpose machine of water-wind type solar energy double-efficiency ground source hot pump
CN201583053U U 20100915	CN20092297895U 20091218	F25B29/00; F24J2/00; H02N6/00	USTC UNIV SCIENCE TECH CN	Solar heat-pump heat-tube compound system
CN201584913U U 20100915	CN20092212665U 20091208	H02N6/00; F24J2/00	BAITANG SU	Equipment for converting solar energy into electric energy
CN201584925U U 20100915	CN20092303784U 20090529	H02N6/00; F24J2/08; F24J2/10; F24J2/32; F24J2/46; F24J2/48; F24J2/51; H01L31/048; H01L31/052; H01L31/058	BEIJING WISWORD HI TECH CO LTD	Photo-electric and photo-thermal converting device of solar blind pipe
CN201584926U U 20100915	CN20092303785U 20090529	H02N6/00; F24J2/46; F24J2/48; F24J2/51; H01L31/052; H01L31/058	BEIJING WISWORD HI TECH CO LTD	Black body solar photothermal and photovoltaic converter
CN201588350U U 20100922	CN20092202377U 20091214	E04D13/18; F24J2/46; F24J2/51	YANGDI ZHOU	Building element plate capable of collecting solar thermal energy
CN201588351U U 20100922	CN20092255418U 20091114	E04D13/18; F24J2/32; F24J2/34; H02N6/00	XIBO WU	Solar thermal-electric integrated power station roof
CN201588500U U 20100922	CN20092314226U 20091106	E06B5/00; F24J2/00	CHINA SOUTHEAST ARCHITECTURA L DESIGN & RES INST CO LTD	Passive solar insulating energy-saving window
CN201588948U U 20100922	CN20092264224U 20091204	F16K1/14; F16K31/122; F24J2/46	SHUXIN ZHENG	Solar pneumatic evacuation valve
CN201589421U U 20100922	CN20092081082U 20090522	F24H9/00; F24H1/00; F24J2/00; F24J2/46	XINGYOU WU	Liquid recycling device in liquid supply system or device and liquid supply system or device
CN201589432U U 20100922	CN20092058871U 20090622	F24J2/00; H02J7/00	SHANGQIU XINKE OPTOELECTRON IC DEVICE CO LTD	Solar water heater

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CN201589433U U 20100922	CN20092257823U 20091103	F24J2/00; H02N6/00	HENAN KEDA ENERGY SAVING ENVIRONMENTAL PROT CO LTD	Solar cogeneration system
CN201589434U U 20100922	CN20092294461U 20091224	F24J2/00; F24J2/46	YINGXIANG ZHANG	Dual-energy double-chamber solar water heater
CN201589435U U 20100922	CN20092302759U 20090430	F24J2/00; E04D13/00; E04D13/18; F24J3/08; F28D15/02; H02N6/00	BEIJING WISWORD HI TECH CO LTD	Renewable energy source facility agriculture system
CN201589436U U 20100922	CN20102106186U 20100201	F24J2/00; E04D13/18; F24J2/24	YUANLUAN HUANG	Integrated solar water heater for building
CN201589437U U 20100922	CN20092244898U 20091016	F24J2/02; F24J2/46; F24J2/52	XINGLIAN GAO	Portable umbrella type solar cooker
CN201589438U U 20100922	CN20092272219U 20091121	F24J2/02; F24J2/46	YANG SHI	Solar heat-collecting tube combined broiler
CN201589439U U 20100922	CN20092215830U 20091231	F24J2/05; F24J2/24; F24J2/30; F24J2/46; F24J2/52	WESTECH SOLAR CO LTD	Water bath type pressure-bearing opened in-line full-glass vacuum pipe solar water heater
CN201589440U U 20100922	CN20092215839U 20091231	F24J2/05; F24J2/24; F24J2/30; F24J2/46; F24J2/52	WESTECH SOLAR CO LTD	Double-inner-container in-line pressure-bearing opened balcony wall-mounted solar water heater with glass vacuum tubes
CN201589441U U 20100922	CN20092266282U 20091116	F24J2/05; F24J2/24; F24J2/48; H01L31/058; H02N6/00	SONY CORP	Vacuum tube type heat collection power generation unit and solar water heater
CN201589442U U 20100922	CN20092273137U 20091127	F24J2/20; F24J2/48; H01L31/058; H02N6/00	YANPIN WU	Solar photoelectric and photothermal conversion device
CN201589443U U 20100922	CN20092215840U 20091231	F24J2/24; F24J2/46	WESTECH SOLAR CO LTD	Double-inner-container in-line pressure-bearing opened solar water heater with full glass vacuum tubes
CN201589444U U 20100922	CN20092312119U 20091009	F24J2/24; F24J2/00; F24J2/05; F24J2/46; F24J2/51	FUJIAN SHENGYUAN ELECTRONIC TECHNOLOGY CO LTD	Multi-chamber diversion type solar water heater
CN201589445U U 20100922	CN20102120577U 20100208	F24J2/24; F24J2/05; F24J2/46	SACON GROUP CO LTD	Wall hanging type vacuum tube solar heat collector capable of being mounted in a turnable manner

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CN201589446U U 20100922	CN20092302750U 20090430	F24J2/32; F24J2/08; F24J2/10; F24J2/24; F24J2/30; F24J2/46; F24J2/48; F24J2/51	BEIJING WISWORD HI TECH CO LTD	Internal quartz solar energy light and heat converter
CN201589447U U 20100922	CN20102105839U 20100202	F24J2/36; F24J2/46	TIEJUN CHEN	Foldable solar energy water heater
CN201589448U U 20100922	CN20092215829U 20091231	F24J2/46	WESTECH SOLAR CO LTD	Gear drive turnover type anti-overheating device for solar water heater
CN201589449U U 20100922	CN20092257378U 20091031	F24J2/46; F28D15/02	ZHANGJIAGANG HEZHONG COPPER INDUSTRY CO LTD	Copper water heat pipe for solar water heaters
CN201589450U U 20100922	CN20092276110U 20091207	F24J2/46	LIXUE LU	Novel coil-pipe type flat solar panel core
CN201589451U U 20100922	CN20092280448U 20091204	F24J2/46	HUAYI REN	Unidirectional water-jet switch for solar water heater
CN201589452U U 20100922	CN20092350136U 20091225	F24J2/46	LIXUE LU	Flat-plate solar heat-collecting plate body with liquid flow channels adopting special pipes
CN201589453U U 20100922	CN20102013340U 20100105	F24J2/46	HONGRONG SONG	Solar pipeline evacuation device
CN201589454U U 20100922	CN20102022896U 20100111	F24J2/46	NANJING HETE ENERGY CONSERVATION & ENVIRONMENTAL PROT CO LTD	Composite metal anti-freezing and cracking hot pipe of solar water heater
CN201589455U U 20100922	CN20102104198U 20100121	F24J2/46; F16K31/18	XUEKUI CHEN	Water tank valve control device
CN201589456U U 20100922	CN20102111421U 20100210	F24J2/46; F16K1/00; F16K31/06	JIUZHOU LIU	Solar energy saving heat-water control valve

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CN201589457U U 20100922	CN201029251067U 20100208	F24J2/46	BEIJING JIASHENG CENTURY TECHNOLOGY CO LTD	Solar-energy stainless steel water-tank inner container containing red copper
CN201589496U U 20100922	CN20092164651U 20091113	F26B9/06; F24J2/20; F26B3/06; F26B21/04; F26B25/08; F26B25/12	XINJIANG AGRICULTURAL UNIVERSITY	High-efficiency solar air drying box
CN201589671U U 20100922	CN20092283984U 20091214	G01K13/00; F24J2/46; G01F23/00	JIANGSU GUANGMANG KITCHEN & BATHROOM SOLAR ENERGY CO LTD	Water temperature and level sensor
CN201590782U U 20100922	CN20092278302U 20091221	H02N6/00; F24J2/52	HUADIAN HEAVY INDUSTRY CO LTD; CHINA HUADIAN ENGINEERING CO LTD	Novel heat collector support of solar power station
CN201591119U U 20100929	CN20102133448U 20100218	A24B3/10; F24J2/04	XIANGFAN BRANCH OF HUBEI TOBACCO COMPANY	Tobacco bulk curing barn provided with solar thermal collecting device
CN201593013U U 20100929	CN20092216462U 20090917	C02F9/14; C02F3/10; F24J2/30	YANPENG LIU; MAOYONG ZHANG	Highly efficient energy-saving constant-temperature sewage treatment device via natural zeolite
CN201593871U U 20100929	CN20102000441U 20100115	F24J2/00	GUANGZHOU LIN	Novel solar heat pump all-in-one machine
CN201593872U U 20100929	CN20102041163U 20100113	F24J2/00; C12M1/107	YILIE WANG	Solar photothermal conversion heating circulation equipment
CN201593873U U 20100929	CN20102110484U 20100209	F24J2/00; F24J2/24; F24J2/30	ZEMING LI	Multi-heat-source solar heat concentrating device

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CN201593874U U 20100929	CN20102116561U 20100211	F24J2/00; F24J2/05; F24J2/24; F24J2/46	JINAIJIA LIGHT ENERGY TECHNOLOGY CO LTD	Solar centralized heating system
CN201593875U U 20100929	CN20092249749U 20091029	F24J2/02; F24J2/46; G02B7/182; G02B19/00	GUOMEI LAN	Solar spotlight cooker
CN201593876U U 20100929	CN20102116571U 20100211	F24J2/04; F24J2/05; F24J2/24; F24J2/46	JINAIJIA LIGHT ENERGY TECHNOLOGY CO LTD	Energy storage array of solar thermal collectors
CN201593877U U 20100929	CN20092060878U 20090721	F24J2/05; F24J2/32; F24J2/46; F24J2/48	ELECTECH INTERNAT INC	Solar thermal collector
CN201593878U U 20100929	CN20092064701U 20090604	F24J2/30; F24J2/38; F24J2/46	JIE LI	Solar thermal high-temperature utilization device
CN201593879U U 20100929	CN20092269084U 20091119	F24J2/38; F24J2/52	JIANGSU BEST ELECTRICAL APPLIANCES CO LTD	Suspended automatic tracking focusing solar water heater
CN201593880U U 20100929	CN20092212166U 20091110	F24J2/46; F24J2/40	GUOXING ZHOU	Circulation pump device of solar water heater dispensing with special water return pipe
CN201593881U U 20100929	CN20102004067U 20100121	F24J2/46	ZIBO DAYUNTE ENGINEERING MATERIAL SCIENCE AND TECHNOLOGY CO LTD	Medium-high temperature straight-through solar collector tube mechanical seal device
CN201593882U U 20100929	CN20102033148U 20100118	F24J2/46	QUN HUA	Solar vacuum tube
CN201593883U U 20100929	CN20102041329U 20100122	F24J2/46	BINGGUANG LI	Automatic-closing mechanism of water valve of solar water heater
CN201593884U U 20100929	CN20102056517U 20100114	F24J2/46; F24J2/14; F24J2/24; F24J2/48	ZHONGXIAO LI	Solar heating pipe and solar water heater applying the same
CN201593885U U 20100929	CN20102109026U 20100205	F24J2/46	XIANSHENG XU	Heat collector with adjustable fins

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CN201593886U U 20100929	CN20102109028U 20100205	F24J2/46	XIANSHENG XU	Heat collector with dust remover
CN201593887U U 20100929	CN20102127396U 20100310	F24J2/46; F24J2/05; F24J2/24	BAOQUAN WANG	Efficient solar dual heat-collecting vacuum tube
CN201593888U U 20100929	CN20102130842U 20100203	F24J2/46	YANDONG LIU	Device for removing cold water in hot-water pipe of solar water heater
CN201594150U U 20100929	CN20092152824U 20090409	G02B6/26; F24J2/08; F24J2/38; G05D3/00	XINWEI WANG	Photo-polymerization device
CN201594543U U 20100929	CN20102107541U 20100204	H01L31/048; E04D13/18	SOLERGIE QINGDAO INNOVATIVE ENERGY CO LTD	Solar battery module and roof assembled by solar battery modules
CN201617497U U 20101103	CN20102107635U 20100204	A47C19/00; A47C21/04; F24J2/04	UNIV SHANGHAI SCIENCE & TECH	Hot-air solar heat accumulation doss
CN201621332U U 20101103	CN20102033039U 20100114	F16K11/10; F16K31/06; F24J2/46	UNIV SHANGHAI SCIENCE & TECH	Automatic drain valve
CN201621763U U 20101103	CN20092164046U 20090715	F24D3/00; F24J2/00	TIANBAO LI	Bromine lithium vacuum superconducting heater
CN201621841U U 20101103	CN20102135037U 20100319	F24H1/20; F24J2/04	ZHIYI HAN	Electric shower apparatus matched to solar water heater
CN201621867U U 20101103	CN20092278591U 20091111	F24J2/00; F24J2/50	JIANGSU JIAJIA SOLAR ENERGY CO LTD	Safety protection heat collector for split type solar water heater
CN201621868U U 20101103	CN20102106432U 20100125	F24J2/05; F23L15/00	JINXIAN ZHANG	Solar air preheater of vacuum tube
CN201621869U U 20101103	CN20102142048U 20100326	F24J2/06; F03G6/06; F25B15/06	UNIV ZHEJIANG	Concentrating solar combined heat power and cooling device
CN201621870U U 20101103	CN20092164047U 20090715	F24J2/08; F24J2/24	TIANBAO LI	Energy-saving environment-friendly solar light absorbing panel
CN201621871U U 20101103	CN20102001431U 20100104	F24J2/22; F24J2/48	SHIHEZI UNIVERSITY	Solar air collector on outer wall of building
CN201621872U U 20101103	CN20102049869U 20100107	F24J2/24; F26B23/00	FEILONG GU	Solar vacuum heat-accumulating dryer

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CN201621873U U 20101103	CN20102116664U 20100222	F24J2/24; F24J2/38; F24J2/40; F24J2/46	BENSHENG WANG	Solar water heater
CN201621874U U 20101103	CN20092316360U 20091202	F24J2/26; F24J2/48	WEI HUANG	Solar water heater heat exchanger device
CN201621875U U 20101103	CN20102139888U 20100319	F24J2/38; F22B1/00	ZONGSHENG XU	Automatic-tracking type solar energy accumulating device
CN201621876U U 20101103	CN20102144109U 20100324	F24J2/38	JIXIN YANG	Solar steering device
CN201621877U U 20101103	CN20102137287U 20100323	F24J2/42	CHONGQIING CITY NANAN DISTR HUANGJUEYA ELEMENTARY SCHOOL	Household solar heating water storage tank
CN201621878U U 20101103	CN20092071450U 20090430	F24J2/46	GONGJUN WANG	All-weather heat supplementing device for solar water heater
CN201621879U U 20101103	CN20092278590U 20091111	F24J2/46	JIANGSU JIAJIA SOLAR ENERGY CO LTD	Heat-isolating exhaust cap of solar energy water heater
CN201621880U U 20101103	CN20102119405U 20100226	F24J2/46; F24J2/05; F24J2/24	JINGUI LIU	Siphon type energy-efficient vacuum tube solar water heater
CN201621881U U 20101103	CN20102130145U 20100315	F24J2/46	CHANGZHOU CITY XINGWANG ENERGY EQUIPMENT CO LTD	Windproof ring thermal insulation device for solar thermal collector
CN201621882U U 20101103	CN20102145945U 20100331	F24J2/46	HANG ZHOU	Water tank liner of medium heat exchange type split solar water heater
CN201621883U U 20101103	CN20102145956U 20100331	F24J2/46	HANG ZHOU	Split-type inner water tank of interlayer heat-exchange type solar water heater
CN201621884U U 20101103	CN20102152226U 20100404	F24J2/46	LINYI SHUANGFENG RUBBER PRODUCTS CO LTD	Solar water heater integration device

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CN201621885U U 20101103	CN20092220341U 20091028	F24J2/48	CHANGJIE DENG	Solar heat bypass pipe
CN201621886U U 20101103	CN20092224524U 20090814	F24J2/48; F24J2/51	XUECHENG TIAN	High-temperature solar collector tube
CN201621887U U 20101103	CN20102119459U 20100226	F24J2/48; F24J2/24; F24J2/50	DONGGUAN CITY CHUANGYI NEW MATERIAL TECHNOLOGY CO LTD; CHANGSHA XINGNA AEROGEL CO LTD	Composite-type flat-plate solar-energy heat collecting plate
CN201621888U U 20101103	CN20092290932U 20091225	F24J2/52; F24J2/46	SHANDONG SUNLIGHT BOSHI SOLAR ENERGY ENGINEERING CO LTD	Balcony water heater
CN201621889U U 20101103	CN20092183409U 20091023	F24J2/54	QILING LIU	Heliostat
CN201621927U U 20101103	CN20092301479U 20090322	F26B9/06; F24J2/38; F24J2/52; F26B3/28; F28D15/02	BEIJING ZHIHUIJIAN TECHNOLOGY DEV CO LTD	Solar linear zooming one-way tracking solar drying equipment
CN201624134U U 20101110	CN20102102998U 20100128	A24B3/10; A24B3/04; F24J2/48	YUNNAN INST OF BUILDING RES	Solar heat collecting device for tobacco leaf flue-curing barn
CN201624135U U 20101110	CN20102102999U 20100128	A24B3/10; A24B3/04; F24J2/30; F24J2/48	YUNNAN INST OF BUILDING RES	Tobacco flue-curing house with solar energy heating and energy-storing system
CN201627689U U 20101110	CN20102001483U 20100106	F03G6/06; F01K11/02; F01K27/00; F22B1/00; F24J2/12; F24J2/32	USTC UNIV SCIENCE TECH CN	Heat pipe solar organic Rankine cycle low temperature thermal power generation system

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201628308U U 20101110	CN20102104399U 20100128	F24D15/00; F24J2/05; F24J2/24	UNIV YANSHAN	Indoor solar heating device
CN201628327U U 20101110	CN20092135751U 20090318	F24F5/00; C09K5/06; F24D15/00; F24F11/02; F24F12/00; F24J2/00	JIANXIN XI; ZHIXIN LIU	Household energy centralized management system
CN201628396U U 20101110	CN20092240798U 20091105	F24J2/00	YUQUN TANG	Solar water heater with two water getting modes
CN201628397U U 20101110	CN20102141567U 20100321	F24J2/00; F24J2/46	GONGLIANG CHEN	Box type solar water heater for enterprises
CN201628398U U 20101110	CN20102147970U 20100331	F24J2/00	UNIV CHANGSHA SCIENCE	Building solar water heater
CN201628399U U 20101110	CN20102150133U 20100406	F24J2/02	YUNNAN NORMAL UNIVERSITY	Multifunctional miniature solar energy drying device
CN201628400U U 20101110	CN20092280478U 20091203	F24J2/05; F24J2/24	RENQING JIANG	Wall hanging type solar energy water heater
CN201628401U U 20101110	CN20102046010U 20100105	F24J2/10; F24J2/46	XUEMIN WANG	Solar water heater
CN201628402U U 20101110	CN20092127540U 20090601	F24J2/24; F24J2/46	XINGYAN LI	Support-free solar water heater with square heat absorbing water tank
CN201628403U U 20101110	CN20102134686U 20100318	F24J2/32; F24J2/04; F24J2/05; F24J2/20; F24J2/24	XIANGYANG JIN	Split-type solar water heater
CN201628404U U 20101110	CN20102160953U 20100416	F24J2/32	UNIV CHONGQING	Cylindrical solar energy high temperature cavity type heat absorber
CN201628405U U 20101110	CN20102002634U 20100106	F24J2/38; F24J2/48	YANG SHI	Solar cooking stove
CN201628406U U 20101110	CN20092158447U 20090530	F24J2/40	FUSEN YANG	All intelligent solar water heater controller
CN201628407U U 20101110	CN20102013231U 20100104	F24J2/42	CHENGHUA LI	Anti-explosion all-glass evacuated heat collector tube type solar water heater
CN201628408U U 20101110	CN20092009023U 20090312	F24J2/46; F24J2/40	XUN CUI	Jet siphon type air evacuation valve

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CN201628409U U 20101110	CN20102048954U 20100118	F24J2/46; F24J2/38	UNIV KUNMING SCIENCE & TECH	Hydraulically driven power tracing device for solar heat collector
CN201628410U U 20101110	CN20102106074U 20100202	F24J2/46; F24H9/20	GUANGCAI ZHANG	Device capable of discharging hot water directly from hot water storage tank
CN201628411U U 20101110	CN20102122750U 20100301	F24J2/46	FOSHAN GAOMING WANHE ELECTRIC CO LTD	Flat plate solar collector with defroster
CN201628412U U 20101110	CN20102135719U 20100319	F24J2/46; F24J2/05; F24J2/24	HAINING GUSHI SOLAR ENERGY CO LTD	Solar vacuum glass heat collecting pipe
CN201628413U U 20101110	CN20102144035U 20100330	F24J2/46; F16K17/00	ZHEJIANG IDC FLUID CONTROL CO LTD	Exhaust safety valve
CN201628414U U 20101110	CN20102149317U 20100402	F24J2/46; F24J2/40	BAOQUAN WANG	Automatic temperature controller for solar water heater
CN201628415U U 20101110	CN20102154686U 20100316	F24J2/46; C02F5/00; F24J2/00; F24J2/24	HUAQIANG FENG	Cleaning, magnifying and energy-saving solar water heater
CN201628416U U 20101110	CN20102114746U 20100121	F24J2/52	HEBEI HAODE NEW ENERGY EQUIPMENT CO LTD	Solar thermal collector
CN201628417U U 20101110	CN20102140643U 20100325	F24J2/52	SHANDONG LINUO NEW MATERIAL CO LTD	Support component applied to all-glass evacuated solar collector tube
CN201628418U U 20101110	CN20102159951U 20100406	F24J2/52	LAIFU HUANG; LIXUE WU	Improved structure of solar panel bracket
CN201628447U U 20101110	CN20102166477U 20100321	F26B3/00; F24J2/30	ZHONGJIN HONG	Hybrid drying device

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CN201628802U U 20101110	CN20092301526U 20090323	G02B7/04; F24J2/02; F24J2/05; F24J2/06; F24J2/30; F24J2/38; F24J2/52; G02B3/00; G05D3/00; G05D3/20; H01L31/052; H02N6/00	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Solar linear lens zooming tracking use system
CN201628804U U 20101110	CN20092301473U 20090322	G02B7/182; F24J2/02; F24J2/05; F24J2/06; F24J2/30; F24J2/38; G02B3/00; G02B5/08; G02B7/02; G05D3/00; G05D3/20; H01L31/052; H02N6/00	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Solar linear multi-lens zooming unidirectional-tracking use system
CN201629691U U 20101110	CN20092215920U 20091230	H02N6/00; F24J2/46	JIANXIONG XU	Fixing device of solar panel
CN201634557U U 20101117	CN20102130804U 20100315	C02F11/12; F24J2/30	ZHIHENG WANG	Multi-layered active solar sludge drying chamber
CN201634583U U 20101117	CN20102102344U 20100127	C03C27/00; F24J2/46	ZHENGZHOU KERONG SYSTEM ENGINEERING CO LTD	Energy-saving solar vacuum tube firing equipment
CN201635635U U 20101117	CN20102126565U 20100309	E06B9/40; E06B9/26; E06B9/42; F24J2/46	JINYUAN SENIOR HIGH SCHOOL	Multipurpose adjustable window
CN201636317U U 20101117	CN20102149595U 20100325	F16J15/06; F24J2/46	CHANGFU DONG	Triple seal ring
CN201636375U U 20101117	CN20102106940U 20100201	F16K11/00; F24J2/46	BEIJING HUAYE SOLAR NEW ENERGY CO LTD	Air-liquid separation three-way valve
CN201636386U U 20101117	CN20102175952U 20100408	F16K11/08; F24J2/40; F24J2/46	CHENG DAN WANG	Single-handle double-hole shower faucet
CN201636958U U 20101117	CN20102000821U 20100111	F24D5/08; F24D19/10; F24J2/05	XINHUA ZHANG	Multifunctional solar air conditioner

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CN201637070U U 20101117	CN20102136883U 20100322	F24H1/00; F24H9/20; F24J2/00; F24J2/40	TAO LIU	Electric control outlet water heater
CN201637085U U 20101117	CN20102113462U 20100209	F24H1/22; F22B33/18; F24J2/00	YONGMING ZHAO	Sealed temperature accumulating combustion furnace
CN201637086U U 20101117	CN20102124128U 20100305	F24H1/22; F24J2/00; F24J2/46	TIANQI ZHANG; DONGXIN YANG; WEI WANG	Coal-fired boiler of plant utilizing solar energy-saving system
CN201637128U U 20101117	CN20092268927U 20091016	F24J2/00; F24J2/38; F24J2/46; F24J2/52	ZHENLONG SONG	Adjustable solar energy heat collection device
CN201637129U U 20101117	CN20092286921U 20091230	F24J2/00; F24J2/24; F24J2/46	HIGH SCHOOL AFFILIATED TO FUDAN UNIVERSITY	Solar water heater
CN201637130U U 20101117	CN20102156218U 20100406	F24J2/00; F24J2/46	ZHEJIANG SIDITE NEW ENERGY CO LTD	Split type solar water heater system with automatic exhaust valve
CN201637131U U 20101117	CN20102168393U 20100416	F24J2/00; F24J2/30; F24J2/34; F24J2/46	UNIV HUAZHONG SCIENCE TECH	Solar heat collection and energy storage regenerative heating device for thermal generator set
CN201637132U U 20101117	CN20092213586U 20091222	F24J2/02	XIANGMING HIGH SCHOOL SHANGHAI	Spherical solar cooker
CN201637133U U 20101117	CN20092220340U 20091028	F24J2/02; A47J37/06; F24J2/46; F24J2/48; F24J2/52	WANG CHAOHUI	Combined solar energy smolder device
CN201637134U U 20101117	CN20092296925U 20091214	F24J2/02; F24J2/38	BINGXIANG WANG	Solar cooker
CN201637135U U 20101117	CN20092296926U 20091214	F24J2/02; F24J2/54	BINGXIANG WANG	Solar cooker
CN201637136U U 20101117	CN20092353547U 20091229	F24J2/02	BINGXIANG WANG	Solar boiler
CN201637137U U 20101117	CN20092275957U 20091222	F24J2/04; F24J2/48	LIXUE LU	Novel multi-functional flat panel solar collector
CN201637138U U 20101117	CN20102107302U 20100129	F24J2/05; F24J2/24; F24J2/30; F24J2/46	UNIV JILIANG CHINA	Pressurized-type double-liner solar water heater

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CN201637139U U 20101117	CN20102139363U 20100324	F24J2/05; F24J2/46	YEKAI HE	Two-way solar vacuum heat collection pipe
CN201637140U U 20101117	CN20102166988U 20100421	F24J2/05; F24J2/46; F24J2/52	UNIV SOUTHEAST	Solar direct-heating type solution heat collecting device
CN201637141U U 20101117	CN20102101910U 20100127	F24J2/06; F24J2/38	MIN XIANG	Convergent type solar power generating and heating device
CN201637142U U 20101117	CN20102055393U 20100115	F24J2/10; F24J2/46; F24J2/48; F24J2/52	DONG WANG	Focusing flat plate collector
CN201637143U U 20101117	CN20102117265U 20100128	F24J2/10; F24J2/24; F24J2/30; F24J2/46	BINGJIE WANG	Heat-accumulating solar water heater taking heat transfer oil as medium
CN201637144U U 20101117	CN20102166972U 20100421	F24J2/12; F24J2/05; F24J2/24	UNIV SOUTHEAST	Wall-mounted heat collector adopting semi-edge compound parabolic light condensing devices
CN201637145U U 20101117	CN20102152391U 20100408	F24J2/20; F24J2/51	BEIJING INST OF CIVIL ENGINEERING AND ARCHITECTURE	Perforated zigzag dual-passage solar air heat-collecting device
CN201637146U U 20101117	CN20092281453U 20091124	F24J2/24; F24J2/05; F24J2/46; F24J2/48; F24J2/51	AIJUN ZHANG; YONG LIU	Solar heat collector with high efficiency bearing structure
CN201637147U U 20101117	CN20102167893U 20100423	F24J2/24	HANGZHOU JIAN TE IND CO LTD	Flat plate solar-energy heat collector
CN201637148U U 20101117	CN20102106724U 20100129	F24J2/30; F24J2/48	UNIV JILIANG CHINA	Double-layer inner liner solar water heater
CN201637149U U 20101117	CN20102172324U 20100428	F24J2/32	CHANGCHUN INST OF TECHNOLOGY	Spiral pulsating heat pipe solar water heater
CN201637150U U 20101117	CN20102124293U 20100305	F24J2/40	CHUNLAI HOU	Leak detection device of solar water heating system
CN201637151U U 20101117	CN20102144353U 20100330	F24J2/40	LUOYANG TIANZHAO NEW ENERGY SCIENCE & TECHNOLOGY CO LTD	Water feeding and lighting integrated control device for solar water heater

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CN201637152U U 20101117	CN20102170260U 20100419	F24J2/40; F24J2/46	JIANGSU NEW BANSHEN SOLAR ENER	Grouping regulation and control solar thermal collector array water heater
CN201637153U U 20101117	CN20092269190U 20091231	F24J2/46	WUXI HUANTE SOLAR ENERGY TECHNOLOGY CO LTD	Roller slide-way type overheating prevention device for solar water heater
CN201637154U U 20101117	CN20092284629U 20091218	F24J2/46; F24J2/05; F24J2/48	JIANGSU HUAIYIN HUIHUANG SOLAR ENERGY CO LTD	All-glass vacuum tube solar water heater and sealing ring thereof
CN201637155U U 20101117	CN20092350137U 20091225	F24J2/46	LIXUE LU	Heat concentration plate body bound with liquid channel and solar energy heat-concentration plate
CN201637156U U 20101117	CN20092352458U 20091230	F24J2/46; G01F23/16	SHANDONG SANGLE SOLAR ENERGY CO LTD	Liquid level sensor of solar water heating system
CN201637157U U 20101117	CN20102003225U 20100115	F24J2/46; F16K11/04	JIE ZHANG	Emptying valve for solar water heater
CN201637158U U 20101117	CN20102014443U 20100108	F24J2/46	TAO WANG	Automatic water-feeding device for wall-mounted solar water heater
CN201637159U U 20101117	CN20102049758U 20100112	F24J2/46; F24J2/40	HEMING BAO	Automatic water feeding valve
CN201637160U U 20101117	CN20102100403U 20100125	F24J2/46	RUIKUN JIA	Novel outdoor solar anti-freezing connecting water pipe
CN201637161U U 20101117	CN20102120559U 20100208	F24J2/46; F24J2/20	NINGBO SACON WATER HEATER CO LTD	Side frame of flat-plate solar heat collector and flat-plate solar heat collector
CN201637162U U 20101117	CN20102136254U 20100317	F24J2/46	WUJIANG YUEMING WATER HEATER BUSINESSES	Twin jack rod type sensor

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CN201637163U U 20101117	CN20102144370U 20100330	F24J2/46	LUOYANG TIANZHAO NEW ENERGY SCIENCE & TECHNOLOGY CO LTD	Fixing structure of effluent exhaust screw of solar water tank
CN201637164U U 20101117	CN20102152202U 20100407	F24J2/46	KAIQI LUO	Solar-energy frequency-conversion vacuum heat collecting pipe
CN201637165U U 20101117	CN20102152393U 20100330	F24J2/46	RENXIONG HUANG	Connector for solar heat collector
CN201637166U U 20101117	CN20102156237U 20100406	F24J2/46; F24J2/20; F24J2/48	ZHEJIANG SIDITE NEW ENERGY CO LTD	Laser welding copper-pipe aluminous-wing-plate absorber reinforced by adhesive
CN201637167U U 20101117	CN20102157880U 20100414	F24J2/46	FANGYUAN CONSTRUCTION GROUP CO LTD	Protecting sleeve pipe of water transmission pipe of solar water heater
CN201637168U U 20101117	CN20102159519U 20100414	F24J2/46	YANMAO CHEN	Water-saving and anti-freezing device for solar water heater
CN201637169U U 20101117	CN20102159552U 20100415	F24J2/46	HENGYUE WANG; HUANG YONGDING	Solar air-heating collector with high heat-collecting efficiency
CN201637170U U 20101117	CN20102160933U 20100416	F24J2/46	BEIJING YUXIN YANGGUANG SOLAR ENERGY CO LTD	Water inlet and outlet fast connecting part for solar water heater
CN201637171U U 20101117	CN20102161078U 20100411	F24J2/46	WENZHENG ZHANG	Wall-mounted solar water heater
CN201637172U U 20101117	CN20102164025U 20100420	F24J2/46	GUANGZHOU DERON HEAT SOURCE FACILITY CO LTD	Solar heat-preserving water tank with inner container made of PPR

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CN201637173U U 20101117	CN20102165393U 20100416	F24J2/46	BEIJING BODA GUANGZHENG HIGH TECH CO LTD	Heat-locking exhaust cap
CN201637174U U 20101117	CN20102167049U 20100419	F24J2/46	BEIJING CONTROL TECHNOLOGY DEV COMPANY	Medium and high temperature solar energy vacuum heat collecting tube
CN201637175U U 20101117	CN20102170415U 20100426	F24J2/46	YONGGANG LI	Thick tube integrated solar water heater with pressure balanced valve
CN201637176U U 20101117	CN20102179614U 20100430	F24J2/46	NINGBO SACON WATER HEATER CO LTD	Isolation joint device for heat exchanging tank and heat exchanging tank
CN201637177U U 20101117	CN20102189268U 20100428	F24J2/46	LINGMIN XIA	Solar energy collecting device with advertisement function
CN201637178U U 20101117	CN20102300541U 20100112	F24J2/46; F24J2/51	HAIXIAO JIANG	Thermal insulation protective cover of solar water heater
CN201637179U U 20101117	CN20102301933U 20100129	F24J2/46	HONGBIN LU	Connecting box of high-efficient solar heater
CN201637180U U 20101117	CN20102120548U 20100208	F24J2/52	NINGBO SACON WATER HEATER CO LTD	Installing rack of wall-mounted solar thermal collector
CN201637192U U 20101117	CN20102144383U 20100330	F25B29/00; F24F5/00; F24J2/00; F25B30/06	LUOYANG TIANZHAO NEW ENERGY SCIENCE & TECHNOLOGY CO LTD	Solar integrated device capable of heating, cooling and supplying hot water
CN201637195U U 20101117	CN20102163239U 20100420	F25B29/00; F24J2/00; F24J2/34	SHANGHAI ELECTRIC GROUP CORP; UNIV SHANGHAI JIAOTONG	Heat and cold multi-generation system based on solar medium and high temperature utilization
CN201637458U U 20101117	CN20102113733U 20100211	G01F23/00; F24J2/46; G01D11/00	SHEN JUN	Supporting bar for sensor

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CN201639512U U 20101117	CN20092282772U 20091231	H02N6/00; F24J2/06; H02N11/00	YUAN ZHANGSHENG	High-energy module group of solar electricity generation heat gathering device
CN201639514U U 20101117	CN20092303768U 20090528	H02N6/00; C03B20/00; F24J2/08; F24J2/10; F24J2/32; F24J2/46; F24J2/48; F24J2/51; H01L31/048; H01L31/052; H01L31/058	BEIJING WISWORD SCIENCE & TECHNOLOGY DEV CO LTD	Solar quartz blind pipe photoelectric and photothermic conversion device
CN201639516U U 20101117	CN20092352297U 20091226	H02N6/00; F24J2/38	EOPLLY NEW ENERGY TECHNOLOGY CO LTD	Household high-power light-focusing optothermal complementary device
CN201640542U U 20101124	CN20102128910U 20100308	A41D19/015; F24J2/48	SIYU GAO	Solar thermal insulation gloves
CN201648236U U 20101124	CN20092212518U 20091204	C03C17/38; F24J2/00	SHANGHAI NANHUI HUINAN NO 2 PRIMARY SCHOOL	Glass with metallic reflective layer
CN201649472U U 20101124	CN20092180499U 20091113	E04D13/18; F24J2/04	SHUNQI YANG	Solar and building integrated appearance design proposal
CN201649475U U 20101124	CN20102159082U 20100413	E04D13/18; E04B2/00; F24J2/46; H02N6/00	JINGLONG ZHANG	Photo-thermal and photoelectric integrated allochroic solar wall
CN201649477U U 20101124	CN20102159116U 20100413	E04D13/18; E04B2/00; F24J2/46	JINGLONG ZHANG	Door-window protective board type color-changing solar wall
CN201650214U U 20101124	CN20102015176U 20100114	E21B36/00; F17D1/18; F24J2/42	JIE TANG	Solar heating furnace system used in oil field
CN201650611U U 20101124	CN20102154668U 20100412	F03D9/00; C25B1/04; F02B63/04; F24J2/00; H01M8/06; H02N6/00	UNIV SHANDONG	Novel hybrid energy system
CN201651424U U 20101124	CN20092180592U 20091113	F16K11/14; F24J2/46	WANGXI ZHANG	Multifunctional solar water-adding tap
CN201651511U U 20101124	CN20102145873U 20100331	F16K31/04; F16K31/54; F24J2/46	FENGZHONG SUN	Evacuation valve for pipeline of solar water heater

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CN201652111U U 20101124	CN20092314537U 20091111	F21S9/02; F03D9/00; F21S9/03; F21S9/04; F21V17/00; F21V23/00; F24J2/38; H02N6/00	GUANGZHOU HONGMENG ELECTRIC CO LTD	Wind and light and heat mixed solar street lamp tracking sun
CN201652118U U 20101124	CN20092314578U 20091111	F21S9/03; F03D9/00; F21S9/04; F21V17/00; F21V23/00; F24J2/00; H02J7/00; H02N6/00	GUANGZHOU HONGMENG ELECTRIC CO LTD	Street lamp with wind and heat generating power supply system
CN201652688U U 20101124	CN20102183142U 20100430	F24F7/00; F24F7/007; F24F13/28; F24J2/00; F24J2/50	XIAOMING LIN	Device for purifying air with solar energy
CN201652825U U 20101124	CN20092244638U 20091220	F24H9/20; F24J2/46	MINGDE XU	Pipe joint type electricity-leakage proof wall
CN201652840U U 20101124	CN20092223881U 20090929	F24J2/00; F24J2/34; F25B27/00; H02J7/00; H02N6/00	YAOXIANG DONG	Solar energy storage type combined cooling, heating and power device
CN201652841U U 20101124	CN20102062529U 20100119	F24J2/00; F24J2/46	TIANJIN WORLD ELECTRONIC & SCIENCE TECHNOLOGY CO LTD	All-weather solar water heater
CN201652842U U 20101124	CN20102108326U 20100205	F24J2/00; F24H4/02; F24J2/46	PING HOU	Double-effect solar energy heat pump water heater
CN201652843U U 20101124	CN20102110230U 20100209	F24J2/00	SHANDONG LINUO SOLAR POWER ENGINEERING CO LTD	Building roof solar hot water system/power station bracket, comprising an upright post
CN201652844U U 20101124	CN20102130209U 20100315	F24J2/00; F24J2/40	KUNMING DINGHAO SOLAR ENERGY CO LTD	Quick heating device of solar water heater
CN201652845U U 20101124	CN20102152866U 20100406	F24J2/00	HIMIN SOLAR CO LTD	Heat accumulating type flat solar water heater without water tank

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CN201652846U U 20101124	CN20102162771U 20100416	F24J2/00; H02N6/00	ZHENJIANG TIANLANG OPTICAL ENERGY AND OPTICAL ELECTRICITY CO LTD	Full-automatic solar water heating system
CN201652847U U 20101124	CN20092288915U 20091209	F24J2/02	JINGCHU SHIKONG TECHNOLOGY CO LTD	Automatic tracking solar furnace
CN201652848U U 20101124	CN20102160561U 20100415	F24J2/02; F24J2/34; F24J2/46; F24J2/48	YUNQIANG MA	Multifunctional temperature storage type automatic tracking solar cooker
CN201652849U U 20101124	CN20102198206U 20100508	F24J2/04	ZEWEI LI	Portable solar water boiler
CN201652850U U 20101124	CN20102046930U 20100115	F24J2/05; F24J2/51	BEIJING JINYANG KECHUANG SOLAR ENERGY TECHNOLOGY CO LTD	Solar evacuated collector tube
CN201652851U U 20101124	CN20102131469U 20100315	F24J2/05; F24J2/26; F24J2/46	XUEQIN QIU	Embedded type aluminum fin plate vacuum heat-collection element
CN201652852U U 20101124	CN20102166061U 20100421	F24J2/05; F24J2/24; F24J2/48	TIANJIN WORLD ELECTRONIC & SCIENCE TECHNOLOGY CO LTD	Three-dimensional water-supply solar water heater of balcony
CN201652853U U 20101124	CN20102166973U 20100422	F24J2/05; H02N6/00	TIXIN LIU	Novel solar water heater
CN201652854U U 20101124	CN20102184278U 20100510	F24J2/05; F24J2/24; F24J2/46	LIPING CHU	Binuclear heat power novel solar energy
CN201652855U U 20101124	CN20102189482U 20100504	F24J2/05	YUTAO WU	Multi-surface lighting high-temperature solar water heater

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201652856U U 20101124	CN20102132946U 20100317	F24J2/10; F24J2/24; F24J2/34	XINJIANG TONGBANG TECHNICAL EXTENSION SERVICE CO LTD	High-efficiency solar heat collecting and storing device
CN201652857U U 20101124	CN20102116486U 20100209	F24J2/14; F24J2/05; F24J2/24	ZHONGXIAO LI	Large-scale solar energy heat-collecting device
CN201652858U U 20101124	CN20082136155U 20081006; CN20092164109U 20090716	F24J2/24; F24J2/30; F24J2/46	RUIAN GAO	Solar heating device
CN201652859U U 20101124	CN20092212232U 20091111	F24J2/24; F24J2/05; F24J2/30; F24J2/46	LIN JIANPING	Kovar sealing vacuum circulation heat collecting element solar heat collecting device
CN201652860U U 20101124	CN20092218947U 20091210	F24J2/24; F24J2/30; F24J2/46	JIANGSU JAJOY SOLAR CO LTD	Heat exchanger of separated solar water heater
CN201652861U U 20101124	CN20102111303U 20100210	F24J2/24; F24J2/14; F24J2/46	WUXI YUKSIDE TECHNOLOGY CO LTD	Flat-plate-type paraboloid solar light-gathering heat-collecting device
CN201652862U U 20101124	CN20102140539U 20100323	F24J2/24; F24J2/10; F24J2/46; F24J2/48	BENSHENG WANG	Solar water boiler
CN201652863U U 20101124	CN20102154376U 20100409	F24J2/24; F24J2/00; F24J2/40; F24J2/46	SHUSHENG CHEN	Solar-energy flat plate collector and heat storage type water heating system employing same
CN201652864U U 20101124	CN20102155138U 20100412	F24J2/24; F24J2/46	JIANGSU YUPU SOLAR ENERGY CO LTD	Unpressurized balcony wall-mounted solar energy water heater
CN201652865U U 20101124	CN20102161198U 20100416	F24J2/24	ANHUI TULIP NEW ENERGY TECHNOLOGY CO LTD	Integrated balcony wall type solar water heater
CN201652866U U 20101124	CN20102164069U 20100420	F24J2/24; F24J2/05; F24J2/48	A O SMITH CHINA WATER HEATER CO LTD	Non-pressure-bearing solar water heater

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201652867U U 20101124	CN20102187744U 20100510	F24J2/24; F24J2/40	HUBEI JINKE ELECTRIC APPLIANCE CO LTD	Self-control centralized heat circulation solar water heater
CN201652868U U 20101124	CN20102131496U 20100315	F24J2/26	PAN YING	Flat plate heat collector of electric resistance welding stitch welding tube sheet absorber fin compound plate
CN201652869U U 20101124	CN20092140817U 20090508	F24J2/30; F24J2/00; F24J2/46; F24J2/48; F24J2/51	KE WANG	Hot-air solar heat collector
CN201652870U U 20101124	CN20092215887U 20091231	F24J2/30; F24H4/02	HANGZHOU ZHENXIN HEAT ELECTRICAL APPLIANCE CO LTD	Water heater combining air energy heat pump and solar energy
CN201652871U U 20101124	CN20092272459U 20091122	F24J2/30; F24J2/32	YIAN FENG	Gaseous medium type wall-mounted solar water heater
CN201652872U U 20101124	CN20102106821U 20100203	F24J2/30	ZHIGANG ZHU	Heat exchange solar water heater system
CN201652873U U 20101124	CN20102169613U 20100423	F24J2/30; F24J2/46	A O SMITH CHINA WATER HEATER CO LTD	Varactor pressure-bearing solar water heater
CN201652874U U 20101124	CN20102169275U 20100420	F24J2/32; F24J2/05; F24J2/30; F24J2/48	MINGSHENG LI	Solar water heater
CN201652875U U 20101124	CN20102183118U 20100507	F24J2/32	JUNTIAN WU	Board core for superconducting slab-type solar heat collector
CN201652876U U 20101124	CN20102130252U 20100315	F24J2/34; F24J2/40	KUNMING DINGHAO SOLAR ENERGY CO LTD	Heat-insulation water tank for solar water heater
CN201652877U U 20101124	CN20102206981U 20100528	F24J2/34; F24J2/52; F24J2/54	JUNLING E	Solar energy alloy heat reservoir
CN201652878U U 20101124	CN20102166936U 20100414	F24J2/38	QI YU	Heliostat solar collector system

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201652879U U 20101124	CN20092198464U 20091009	F24J2/40	ZHEJIANG BIHUALI ELECTRONIC TECHNOLOGY CO LTD	AC/DC double-purpose solar energy water heater controller
CN201652880U U 20101124	CN20092198465U 20091009	F24J2/40	ZHEJIANG BIHUALI ELECTRONIC TECHNOLOGY CO LTD	Solar water heater controller with prompt function with different voice contents
CN201652881U U 20101124	CN20102130218U 20100315	F24J2/40; F24J2/00	KUNMING TOP SOLAR ENERGY S & T CO LTD	Solar intelligent thermal controller
CN201652882U U 20101124	CN20102130236U 20100315	F24J2/40; F24J2/00	KUNMING DINGHAO SOLAR ENERGY CO LTD	Intelligent controller of solar water heater
CN201652883U U 20101124	CN20102156247U 20100402	F24J2/40; F24J2/46	ZHEJIANG BIHUALI ELECTRONIC TECHNOLOGY CO LTD	Solar energy water heater controller with two installation modes
CN201652884U U 20101124	CN20102183745U 20100430	F24J2/40	JIANGSU SUNSHORE SOLAR ENERGY INDUSTRY CO LTD	Webpage-controlled remote monitoring system of solar energy heat collection device
CN201652885U U 20101124	CN20092192417U 20090907	F24J2/46	XIMING HUANG	Split solar water box
CN201652886U U 20101124	CN20092199615U 20091102	F24J2/46	ZHEJIANG BIHUALI ELECTRONIC TECHNOLOGY CO LTD	Novel solar water heater water tank

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CN201652887U U 20101124	CN20092241885U 20091225	F24J2/46	CUIPING SHAO	Outdoor frost crack prevention device for water pipe of solar water heater
CN201652888U U 20101124	CN20092253887U 20091207	F24J2/46	TIANXIANG XU	Magnetized water tank of solar water heater
CN201652889U U 20101124	CN20092276217U 20091128	F24J2/46	DONGSHENG MIAO	Combined type solar vacuum heat-collecting tube
CN201652890U U 20101124	CN20092290933U 20091225	F24J2/46	SHANDONG DOCTOR SUNSHINE SOLAR ENERGY ENGINEERING CO LTD	Solar heat-pipe tail stock of solid matter machine
CN201652891U U 20101124	CN20092295515U 20091230	F24J2/46; H05B3/06	JUNWEI CHEN	Automatic-control electric heating device of water tank of solar water heater
CN201652892U U 20101124	CN20102014406U 20100101	F24J2/46	QIANG GUO	Solar water diversion device
CN201652893U U 20101124	CN20102106823U 20100203	F24J2/46	ZHIGANG ZHU	Solar water heater water box
CN201652894U U 20101124	CN20102110012U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Press-fit fixing solar heat collector frame connecting corner
CN201652895U U 20101124	CN20102110026U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Frame sealing strip of heat collector with air guiding function
CN201652896U U 20101124	CN20102110098U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Heat collector shell of plug-in base plate
CN201652897U U 20101124	CN20102110141U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Solar collector frame with sealing decoration strips

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CN201652898U U 20101124	CN20102110170U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Side frame sectional material of heat collector with fixed side frame
CN201652899U U 20101124	CN20102110178U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Solar heat collector side frame with decorative batten
CN201652900U U 20101124	CN20102110180U 20100204	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Solar thermal collector base plate with integral structure
CN201652901U U 20101124	CN20102112442U 20100210	F24J2/46; F16K5/06	QINGSONG RUAN	Anti-freezer for solar water heater
CN201652902U U 20101124	CN20102112600U 20100211	F24J2/46	WENSHENG LIU	Water tank capable of discharging two kinds of water of solar water heater
CN201652903U U 20101124	CN20102122251U 20100303	F24J2/46	HAIER GROUP CO LTD; QINGDAO ECONOMIC AND TECHNICAL DEV ZONE HAIER WATER HEATER CO LTD	Pressure-resistant water tank of solar water heater
CN201652904U U 20101124	CN20102123086U 20100127	F24J2/46; F24J2/05; F24J2/24	YU LUO	Durable, quick-heat conducting vacuum tube solar water heater
CN201652905U U 20101124	CN20102129152U 20100311	F24J2/46	QUANLONG PU	Water tank of solar water heater
CN201652906U U 20101124	CN20102129268U 20100302	F24J2/46; F24J2/00	MIN YIN	Double-inner container pressure-bearing water tank of solar water heater
CN201652907U U 20101124	CN20102130173U 20100312	F24J2/46; F24J2/48	XUEQIN QIU	Vacuum heat-collecting element with inner glass tube daubing metal base
CN201652908U U 20101124	CN20102130182U 20100312	F24J2/46; F24J2/48	XUEQIN QIU	Vacuum heat collection element adopting remelting low melting point metal between inner glass tube and coil plate

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201652909U U 20101124	CN20102130192U 20100312	F24J2/46; F24J2/48; F24J2/50	DEMING YING	Vacuum heat-collecting element with absorber for aluminum fins connected by resistance stitch welding
CN201652910U U 20101124	CN20102130239U 20100315	F24J2/46	KUNMING TOP SOLAR ENERGY S & T CO LTD	Solar water heater with inner and outer barrel multiple positioning
CN201652911U U 20101124	CN20102131509U 20100315	F24J2/46; F24H9/00	PAN YING	Water heater water tank with embedded parts on peripheries of insertion holes
CN201652912U U 20101124	CN20102131516U 20100315	F24J2/46; F24J2/32	PAN YING	Plug-in heat pipe solar collector heat collecting element with 3-shaped binding heat-transferring fin
CN201652913U U 20101124	CN20102131518U 20100315	F24J2/46; F24J2/32	PAN YING	Plug-in heat pipe solar heat-collecting component with 3-shaped stitch welding and heat conducting fin
CN201652914U U 20101124	CN20102131521U 20100315	F24J2/46; F24J2/32	PAN YING	Plug-in type heat pipe solar heat-collecting element with 3-shaped assembly heat transfer fin plate
CN201652915U U 20101124	CN20102137760U 20100319	F24J2/46	SHENZHEN PROSUNPRO SOLAR ENERGY CO LTD	Collector frame with sealing buckle plate
CN201652916U U 20101124	CN20092153289U 20090605; CN20102147295U 20100301	F24J2/46	GUOBIN LUO	Water tank used for pressure-bearing type solar water heater
CN201652917U U 20101124	CN20102147299U 20100301	F24J2/46	GUOBIN LUO	Water tank structure of novel pressurized solar water heater
CN201652918U U 20101124	CN20102148532U 20100402	F24J2/46	QINGQIAN ZHANG	High-efficiency energy-saving solar water heater
CN201652919U U 20101124	CN20102151229U 20100406	F24J2/46	LIQIN QIU	Vacuum heat-collecting element with tractable object and hand grip on cover glass tube
CN201652920U U 20101124	CN20102151247U 20100406	F24J2/46	LIQIN QIU	Solar heat collection device with connected heat collection element cover glass pipe and foundation
CN201652921U U 20101124	CN20102151249U 20100406	F24J2/46	LIQIN QIU	Vacuum heat collecting element with getter material at necking section
CN201652922U U 20101124	CN20102151339U 20100402	F24J2/46	BEIJING TSINGHUA SOLAR ENERGY DEV CO LTD	All-glass vacuum solar energy heat collection pipe

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CN201652923U U 20101124	CN20102152699U 20100408	F24J2/46	LONG YU	Anti-freezing and unfreezing device for pipelines of solar energy water heater
CN201652924U U 20101124	CN20102153493U 20100409	F24J2/46	ZHIJUN HE	Constant-temperature intelligent device of solar water heater
CN201652925U U 20101124	CN20102153506U 20100409	F24J2/46	ZHIJUN HE	Novel solar water heater water tank
CN201652926U U 20101124	CN20102155122U 20100412	F24J2/46	JIANGSU YUPU SOLAR ENERGY CO LTD	Safe exhaust device for heat exchange system of balcony wall-hanging solar water heater
CN201652927U U 20101124	CN20102155210U 20100407	F24J2/46	JINGUANG CAO	Solar water heater with automatic float water filling device
CN201652928U U 20101124	CN20102159133U 20100413	F24J2/46; F24J2/48	JINGLONG ZHANG	Light-permeable hollow solar wall frame
CN201652929U U 20101124	CN20102161200U 20100416	F24J2/46	ANHUI TULIP NEW ENERGY APPLIANCE CO LTD	Protective device of integrated balcony wall type solar water heater
CN201652930U U 20101124	CN20102166064U 20100421	F24J2/46	TIANJIN WORLD ELECTRONIC & SCIENCE TECHNOLOGY CO LTD	Three-dimensional water supply solar water heater without water tank
CN201652931U U 20101124	CN20102173004U 20100428	F24J2/46; C02F1/00	CHANGSHU CITY DONGBANG TOWN HUAJIN ELECTRIC APPLIANCES FACTORY	Water purifier
CN201652932U U 20101124	CN20102173152U 20100428	F24J2/46	YUNNAN YITONG SOLAR ENERGY SCIENCE AND TECHNOLOGY CO LTD	Heat-preservation box for solar slab heat collector with heat-insulation strip

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CN201652933U U 20101124	CN20102173167U 20100428	F24J2/46	YUNNAN YITONG SOLAR ENERGY SCIENCE AND TECHNOLOGY CO LTD	Multifunctional solar collector frame
CN201652934U U 20101124	CN20102184305U 20100427	F24J2/46	ZESHAN XU	Heat absorbing pipe of solar water heater
CN201652935U U 20101124	CN20102189473U 20100504	F24J2/46; C02F1/58	YEBIN WANG	Hot spring type solar water heater
CN201652936U U 20101124	CN201029251066U 20100208	F24J2/46	BEIJING JIASHENG CENTURY TECHNOLOGY CO LTD	Connecting structure of split type solar water heater water tank and thermal diode
CN201652937U U 20101124	CN20092290931U 20091225	F24J2/48	SHANDONG DOCTOR SUNSHINE SOLAR ENERGY ENGINEERING CO LTD	Combined type solar heat pipe
CN201652938U U 20101124	CN20092293055U 20091222	F24J2/48; C03C27/00	JIANCHENG ZHANG	Groove type solar heat power generation heat-collecting tube
CN201652939U U 20101124	CN20102130111U 20100312	F24J2/48	JIANGPING ZHANG	Vacuum heat-collection element, with metal coating steel fin sheet, connected by stitch welding
CN201652940U U 20101124	CN20102130127U 20100312	F24J2/48	JIANGPING ZHANG	Vacuum heat collection component with aluminum absorber fin plate in inner glass tube
CN201652941U U 20101124	CN20102130139U 20100312	F24J2/48	JIANGPING ZHANG	Vacuum heat collection element of remelting low-melting point metal between inner glass tube and fin plate
CN201652942U U 20101124	CN20102130160U 20100312	F24J2/48	XUEQIN QIU	Vacuum heat collection element with inner glass tube electroplated with metal base
CN201652943U U 20101124	CN20102130171U 20100312	F24J2/48	XUEQIN QIU	Vacuum heat collection component with inner glass tube coated with metal substrate

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CN201652944U U 20101124	CN20102130193U 20100312	F24J2/48	DEMING YING	Heat-transfer fin sheet U-shaped metal runner vacuum heat-collection element processed by electric resistance welding and stitch welding
CN201652945U U 20101124	CN20102130206U 20100312	F24J2/48	DEMING YING	Vacuum heat connecting element of steel plate absorber fin with metal coating
CN201652946U U 20101124	CN20102131473U 20100315	F24J2/48; F24J2/05	XUEQIN QIU	Vacuum heat-collecting element of internal glass tube coiled metal material absorber
CN201652947U U 20101124	CN20102143354U 20100329	F24J2/48	XU CHEN	Tube plate absorber padded with heat-conducting padding between aluminum fin plate and elastic pipeline
CN201652948U U 20101124	CN20102143369U 20100329	F24J2/48; F24J2/24; F24J2/50	XU CHEN	Pipe plate absorber for connecting aluminium fin plate with aluminium cladding plate elastic pipeline by utilizing resistance welding
CN201652949U U 20101124	CN20102143420U 20100329	F24J2/48; C09J9/00	XIA CHEN	Binder-reinforced ultrasonic-welded copper tube and aluminum fin plate absorber
CN201652950U U 20101124	CN20102143449U 20100329	F24J2/48	XIA CHEN	Evacuated straight collector tube with corrugated section-mounted inner glass tube
CN201652951U U 20101124	CN20102151259U 20100406	F24J2/48	LIQIN QIU	Vacuum heat collecting element with external mirror surface
CN201652952U U 20101124	CN20102163440U 20100408	F24J2/48	CHANGZHOU LONGTENG SOLAR POWER THERMAL ELECTRIC EQUIPMENT CO LTD	Inner pipe of solar thermal collecting pipe
CN201652953U U 20101124	CN20102166072U 20100421	F24J2/48	WUHU WORLD ELECTRONIC TECHNOLOGY CO LTD	Copper glass vacuum heat collector tube
CN201652954U U 20101124	CN20102173675U 20100429	F24J2/48	NANJING JIAYE NEW ENERGY CO LTD	Trough solar vacuum collector tube with built-in expansion joints
CN201652955U U 20101124	CN20102302721U 20100209	F24J2/48	SIHAI ZHANG	Apparatus for heating air using solar energy

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CN201652956U U 20101124	CN20102143633U 20100317	F24J2/50	CHANGZHOU LONGTENG SOLAR ENERGY HEATING EQUIPMENT CO LTD	Heat-collecting glass tube suitable for trough solar thermal power generation
CN201652957U U 20101124	CN20102041216U 20100118	F24J2/51	AICHAO ZHAI	Solar water heater
CN201652958U U 20101124	CN20092218946U 20091210	F24J2/52	JIANGSU JAJOY SOLAR CO LTD	Split type fixed bracket of heat collector of solar water heater
CN201652959U U 20101124	CN20092290195U 20091221	F24J2/52	ZIBO LIANCHUANG POLYURETHANE CO LTD	Daylighting area-adjustable solar water heater
CN201652960U U 20101124	CN20102130163U 20100315	F24J2/52; F24J2/05; F24J2/24	CHANGZHOU XINGWANG GREEN ENERGY CO LTD	Solar energy vacuum tube carriage device
CN201652961U U 20101124	CN20102131500U 20100315	F24J2/52	PAN YING	Vacuum solar collector with split type supporting piece
CN201652962U U 20101124	CN20102144621U 20100330	F24J2/52	XUEZHANG GU	Solar water-heater support
CN201652963U U 20101124	CN20102171825U 20100426	F24J2/52	ZHANGLIANG YU	Solar water heater bracket
CN201652964U U 20101124	CN20102171827U 20100426	F24J2/52	ZHANGLIANG YU	Solar water heater bracket
CN201652965U U 20101124	CN20102302019U 20100129	F24J2/52	HUAN YU	Antirust rack for solar water heater
CN201652966U U 20101124	CN201029251064U 20100208	F24J2/52	BEIJING JIASHENG CENTURY TECHNOLOGY CO LTD	Portable bracket for balcony wall-mounted solar water heater

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CN201652967U U 20101124	CN20102155140U 20100412	F24J2/54	JIANGSU YUPU SOLAR ENERGY CO LTD	Solar water heater with adjustable-angle heat collector
CN201652968U U 20101124	CN20102170296U 20100422	F24J2/54	LANZHOU JIAOTONG UNIVERSITY; GANSU THIRD CONSTRUCTION GROUP CORP	Solar water heater support capable of automatically adjusting heat-collecting surface dip angle based on temperature
CN201652984U U 20101124	CN20102126256U 20100308	F25B29/00; F24J2/00	WANG BIN	Heat pump type solar hot water, heating and cooling integrated system
CN201653084U U 20101124	CN20102114147U 20100125	F26B9/06; F24J2/34	HUHHOT BRANCH OF CHINESE ACADEMY OF AGRICULTURAL MECHANIZATION SCIENCES; NAT ENGINEERING RES CT FOR GRASSLAND LIVESTOCK EQUIPMENT	Hot pump assisted type solar energy heat storage dryer
CN201656815U U 20101124	CN20092215407U 20091230	H02N6/00; F24J2/38	JUNHUA LIU	Solar full-automatic sun following mechanism
CN201656825U U 20101124	CN20102120636U 20100301	H02N6/00; F24J2/10	XINGUANG LIU	Novel solar electric heating generating device
CN201661018U U 20101201	CN20102124078U 20100304	E04D13/18; E04B1/80; F24J2/04; F24J2/24	SHENZHEN CITY PUXIN SCIENCE & TECHNOLOGY CO LTD	Multifunctional solar panel
CN201661434U U 20101201	CN20102129998U 20100312	F03G6/06; F24J2/00	XIAOYUAN WANG	Thermal power generation system utilizing solar energy

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201662130U U 20101201	CN20102129575U 20100312	F24D3/08; F24C3/00; F24D19/10; F24J2/00; F24J2/30	SHANDONG AOHUA NEW ENERGY CO LTD	Solar energy and wall-mounted gas boiler hot-water supplying and heating device
CN201662206U U 20101201	CN20092273896U 20091212	F24H1/20; F24H9/18; F24J2/00	MINGDE XU	Dynamic electric-heated storage type water heater
CN201662240U U 20101201	CN20092290459U 20091218	F24J2/00; F24H1/18	XUEMING WANG	Solar water heating project automatic control system
CN201662241U U 20101201	CN20092353312U 20091224	F24J2/00; F24J2/46	YANG SHI	Solar heat collecting tube heat transfer-type heater
CN201662242U U 20101201	CN20102297562U 20100819	F24J2/00; F01D15/10; F24J1/00; F24J2/34; F24J2/46	JUNLING E	Dual solar and chemical energy heat reservoir
CN201662243U U 20101201	CN20092263283U 20091125	F24J2/02; F24J2/00; F24J2/46; F24J2/50; F24J2/52	ZHUHAI DOUBLE HAPPINESS ELECTRIC APPLIANCE CO LTD	Solar cooker
CN201662244U U 20101201	CN20102170621U 20100426	F24J2/04; F24J2/52	UNIV XI AN ARCHITECTURE & TECH	Solar water heater reducing light-leaking
CN201662245U U 20101201	CN20092160711U 20090625	F24J2/05; F24J2/46; F24J2/48	CHANGZHOU XUANNAERI NEW ENERGY SCIENCE AND TECHNOLOGY CO LTD	Solar heat-energy system
CN201662246U U 20101201	CN20092274724U 20091217	F24J2/05; F24J2/48	BEIJING JIASHENG CENTURY TECHNOLOGY CO LTD	Wall-mounted solar two-stage heat-pipe heat collector
CN201662247U U 20101201	CN20092299955U 20091222	F24J2/05; F24J2/24; F24J2/46	LETANG YU	Integral pressure bearing wall hanging solar water heater
CN201662248U U 20101201	CN20102127941U 20100310	F24J2/24; F24J2/05	YANPIN WU	Full-glass double-channel vacuum tube heat collector

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CN201662249U U 20101201	CN20102177306U 20100504	F24J2/30; F24H4/02; F24J2/40	KUN ZHOU	Hot water supply device under match of solar energy and thermal pump
CN201662250U U 20101201	CN20092255360U 20091109	F24J2/32; F24J2/30; F24J2/46	JIANGSU SUNSHORE SOLAR ENERGY INDUSTRY CO LTD	Solar high-temperature heat collector
CN201662251U U 20101201	CN20102101529U 20100122	F24J2/32; F24J2/05; F24J3/08	HUBEI FENGSHEN CLEAN AIR CONDITIONING EQUIPMENT ENGINEERING CO LTD	Vacuum heat pipe-type solar and ground source heat pump heat recovery composite hot water system
CN201662252U U 20101201	CN20092198613U 20091102	F24J2/38; F24J2/46	JIAXING CITY ZHENGXING ENERGY SOURCES TECHNOLOGIES CO LTD	Convex round combined row and line linkage type sunlight tracking device
CN201662253U U 20101201	CN20092267794U 20091020	F24J2/40	YIZHONG CHEN	Water controller of solar water heater
CN201662254U U 20101201	CN20092018898U 20090209; CN20092178538U 20090930	F24J2/46; G01F23/74; G01K13/00	CHUANGUANG WANG	Water temperature and level sensor of solar water heater
CN201662255U U 20101201	CN20092299956U 20091222	F24J2/46; F24J2/05; F24J2/24	LETANG YU	Split pressure-bearing wall-mounted solar water heater
CN201662256U U 20101201	CN20102001062U 20100119	F24J2/46	LANGFANG CIB SOLAR LTD	Solar energy pressure-bearing heat collector
CN201662257U U 20101201	CN20102107255U 20100204	F24J2/46; F24J2/38	YONG SHI	Solar thermal collector adjusting and protecting device

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CN201662258U U 20101201	CN20102114134U 20100125	F24J2/46; F28D20/02	HUHHOT BRANCH OF CHINESE ACADEMY OF AGRICULTURAL MECHANIZATION SCIENCES; NAT ENGINEERING RES CT FOR GRASSLAND LIVESTOCK EQUIPMENT	Solar phase-change heat reservoir
CN201662259U U 20101201	CN20102115376U 20100209	F24J2/46	JINGSHENG DONG	Solar emptying valve
CN201662260U U 20101201	CN20102120542U 20100208	F24J2/46; F24J2/24	NINGBO SHUAIKANG WATER HEATER CO LTD	Solar collector circulating runner pressure control device and flat-plate solar collector
CN201662261U U 20101201	CN20102129995U 20100312	F24J2/46	XIAOYUAN WANG	Solar collecting pipe
CN201662262U U 20101201	CN20102131619U 20100316	F24J2/46	KUNMING DINGHAO SOLAR ENERGY TECHNOLOGY CO LTD	Deflation prevention solar water heater water tank with reinforcing ribs
CN201662263U U 20101201	CN20102164846U 20100421	F24J2/46	WEIDONG JIN; RUOPING GAO; XIAOJUAN BAO	Water knockout vessel of full-glass solar heat collecting tube
CN201662264U U 20101201	CN20102170423U 20100426	F24J2/46; F24J2/52	UNIV XI AN ARCHITECTURE & TECH	Solar water heater capable of improving solar utilization rate
CN201662265U U 20101201	CN20102177382U 20100504	F24J2/46	CHENGYANG JI	Automatic water-stopping device of solar water heater
CN201662266U U 20101201	CN20102004413U 20100110	F24J2/48	DONGSHENG MIAO	Clustering-type evacuated solar collector tube

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CN201662267U U 20101201	CN20102128328U 20100311	F24J2/48	ZHOU JUN	High-wave rose gold tube for solar water heater
CN201662268U U 20101201	CN20102177211U 20100504	F24J2/52	QINGDAO JIAOZHOU CONSTRUCTION GROUP CO LTD	Solar energy device for inclined-roof building
CN201662276U U 20101201	CN20092069001U 20090318	F25B27/00; F24J2/34; F25B15/00	GE PAN	Solar absorption energy-storage refrigerating system
CN201666670U U 20101208	CN20102004324U 20100112	F24J2/00; F24H4/02; F24J2/36; F24J2/46; F24J2/52	SHENZHEN BOSI KETE ENVIRONMENTA L ENERGY TECHNOLOGY CO LTD	Movable solar heat pump water heating equipment
CN201666671U U 20101208	CN20102118690U 20100225	F24J2/05; F24J2/24	SICHUAN LAITE YOUNG SOLAR ENERGY TECHNOLOGY CO LTD	Solar water heater
CN201666672U U 20101208	CN20102152315U 20100407	F24J2/24; F24J2/05; F24J2/46	JIAN LI	Connecting structure for solar energy heat-collecting device
CN201666673U U 20101208	CN20092244508U 20091230	F24J2/32; F24J2/26	703RD RES INST OF CHINA SHIPBUILDING INDUSTRY CORP	Heat monotube type solar heat collector with skirt rib fin
CN201666674U U 20101208	CN20102166980U 20100421	F24J2/32; F24J2/12; F24J2/46; F24J2/52	UNIV SOUTHEAST	Transmeridionally placed heat pipe type compound parabolic heat collector
CN201666675U U 20101208	CN20092217678U 20090930	F24J2/46	NP SOLAR LTD BEIJING	Anti-freezing controller for pipeline of solar water heater
CN201666676U U 20101208	CN20092294819U 20091217	F24J2/46; G01F23/24; G01K7/16	NINGBO NEWMORNING GREEN LIGHTING TECHNOLOGY CO LTD	Side arranging type solar water heater sensor

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CN201666677U U 20101208	CN20092316245U 20091130	F24J2/46	YONGJIU LI	Vacuum heat collecting tube
CN201666678U U 20101208	CN20102127893U 20100306	F24J2/46	HANG XUAN	Automatic water cut-off device of solar water-supplying valve
CN201666679U U 20101208	CN20102136365U 20100322	F24J2/46; C02F1/48	XU CHANGSHAN	Wall-hanging type magnetized solar energy water heater
CN201666680U U 20101208	CN20102132566U 20100316	F24J2/48	FUCHENG AN	Vacuum tube for light-wave solar water heaters
CN201666681U U 20101208	CN20102167036U 20100419	F24J2/48	BEIJING CONTROL TECHNOLOGY DEV COMPANY	End portion sealing structure of low and high temperature solar energy vacuum heat-collecting tube
CN201666682U U 20101208	CN20102167039U 20100419	F24J2/48	BEIJING CONTROL TECHNOLOGY DEV COMPANY	Medium- and high-temperature solar vacuum heat collecting tube
CN201666683U U 20101208	CN20102167045U 20100419	F24J2/48	BEIJING CONTROL TECHNOLOGY DEV COMPANY	End part sealing structure of medium-high temperature solar vacuum heat-collecting tube
CN201666684U U 20101208	CN20102129532U 20100312	F24J2/52	ZHEJIANG PROVINCE YONGKANG CITY POWERS NEW ENERGY CO LTD	Quick-heating solar bracket
CN201666685U U 20101208	CN20102161650U 20100417	F24J2/52	CHENGLONG MA	Adjustable elevation angle solar water heater support
CN201666693U U 20101208	CN20092104077U 20090803	F25B29/00; F24J2/00; F25B13/00; F25B41/04; F25B41/06	BAOZE DU	Solar heat pump heating, cooling and bathing device
CN201667620U U 20101208	CN20092284351U 20091208	H02N6/00; F24J2/38; F24J2/46; G02B1/04; G05D3/00	ZHONGXIAN GROUP CO LTD	Solar energy power generating and heat collecting device

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CN201670765U U 20101215	CN20102151385U 20100406	C02F5/00; F24J2/04; F24J2/46	XING QIU	Vacuum solar soft water system
CN201672689U U 20101215	CN20092224526U 20090814	F24J2/00; F24J2/05; F24J2/24; F24J2/46; F24J2/52	JIKUI YIN	High-temperature and high-pressure solar energy heat collector
CN201672690U U 20101215	CN20102133363U 20100317	F24J2/00; F24D11/00; F24F5/00; F24J2/40	ZHULIN LI	Integrated system for solar heating, water heating and ventilation
CN201672691U U 20101215	CN20102143392U 20100329	F24J2/00; F24J2/48	XU CHEN	Flexible tube flat plate collector with electric resistance welding connecting fin plate and sheathing provided with channel
CN201672692U U 20101215	CN20102196236U 20100520	F24J2/00; F24J2/46	CHUNXIN SHEN; LONG GUO	Solar water heater with full water alarm device
CN201672693U U 20101215	CN20102201067U 20100520	F24J2/00; F24J2/05; F24J2/24; F24J2/46	JIANGSU HUIHUANG SOLAR ENERGY CO LTD	Roofing embedded solar vacuum tube heat collector
CN201672694U U 20101215	CN20102203476U 20100522	F24J2/00; F24J2/26; F24J2/46; F24J2/50; F24J2/51	ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD; WEIGUO YAO	Highly-efficient insulation flat-plate solar heat collector
CN201672695U U 20101215	CN20102203514U 20100522	F24J2/00; F24J2/08; F24J2/26; F24J2/46; F24J2/50; F24J2/51	ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD; WEIGUO YAO	Focusing flat solar thermal collector
CN201672696U U 20101215	CN20102224312U 20100612	F24J2/00; F24J2/46; F24J2/52	KIRK WAYNE ANTHONY; WELLS MARK ANDREW; PROBANDT JOHN MANS	Solar heat collecting device
CN201672697U U 20101215	CN20102150054U 20100402	F24J2/04; F24J2/20; F24J2/24; F24J2/26; F24J2/48	PAN YING	Automatically controlled flat solar utilizing device for integrating heat collecting and heat exchanging

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CN201672698U U 20101215	CN20102213275U 20100529	F24J2/04; F24D3/08; F24J2/30	JIJUN ZHANG	Solar warming water heater
CN201672699U U 20101215	CN20102151351U 20100406	F24J2/05; F24J2/26; F24J2/46	XING QIU	Vacuum solar heat-collecting and heat-exchanging device
CN201672700U U 20101215	CN20102188985U 20100513	F24J2/05; F24J2/32; F24J2/46	UNIV KUNMING SCIENCE & TECH	Vacuum plate glass solar heat collector
CN201672701U U 20101215	CN20102213164U 20100525	F24J2/05; F24J2/46	SHUXIAN WANG	Solar water heater
CN201672702U U 20101215	CN20102196999U 20100520	F24J2/06; F24J2/32; F24J2/46	CHANGZHOU CITY HEJIA SOLAR ENERGY TECHNOLOGY CO LTD	Pipe type flat plate solar collector
CN201672703U U 20101215	CN20102199208U 20100522	F24J2/08; F24J2/46	HUIYU ZHU	Tubular solar water heater condenser
CN201672704U U 20101215	CN20102149953U 20100402	F24J2/20; F24J2/48	XUTANG QIU	Heat collection/exchange integrated stitch-welded planar solar heat utilization device with coating on inner surface
CN201672705U U 20101215	CN20102149965U 20100402	F24J2/24; F24J2/26; F24J2/48	XUTANG QIU	Heat-gathering heat-transferring integrated flat-plate elastic pipeline solar heat utilization device
CN201672706U U 20101215	CN20102150014U 20100402	F24J2/24; F24J2/26; F24J2/48	XUTANG QIU	Heat collection and exchange integrated flat plate tube sheet solar utilization device
CN201672707U U 20101215	CN20102201041U 20100520	F24J2/24; F24J2/46	JIANGSU HUIHUANG SOLAR ENERGY CO LTD	Flat-plate heat collector with copper and aluminum composite U-shaped tubes
CN201672708U U 20101215	CN20102201054U 20100520	F24J2/24; F24J2/46	JIANGSU HUIHUANG SOLAR ENERGY CO LTD	Roof-inlaid type flat-plate solar thermal collector

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
CN201672709U U 20101215	CN20102203501U 20100522	F24J2/24; F24J2/26; F24J2/46; F24J2/50; F24J2/51	ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD; WEIGUO YAO	Serpentine pipe type flat plate solar collector
CN201672710U U 20101215	CN20102208169U 20100531	F24J2/24; F24J2/48; F24J2/52	YUNXIANG ZHOU	Solar energy photothermal converter
CN201672711U U 20101215	CN20102225334U 20100611	F24J2/24; F24J2/46	DONGJUN CHEN	Connected type water heater for heating
CN201672712U U 20101215	CN20102149961U 20100402	F24J2/30; F24J2/46; F24J2/48	XUTANG QIU	Stitch welding flat solar utilizing device integrating heat collecting and heat exchanging
CN201672713U U 20101215	CN20102150004U 20100402	F24J2/30; F24J2/46; F24J2/48	XUTANG QIU	Heat-collecting heat-exchange integrated flat tube plate filler solar heat utilization device
CN201672714U U 20101215	CN20102198234U 20100521	F24J2/30	SHAOJUAN ZHANG	Pressure-bearing solar water heater
CN201672715U U 20101215	CN20102199959U 20100520	F24J2/30; F24J2/00; F24J2/46	ZHEJIANG SIDITE NEW ENERGY CO LTD	Pressure-bearing type solar water heater
CN201672716U U 20101215	CN20102185566U 20100511	F24J2/32; F24J2/05; F24J2/30; F24J2/48	UNIV KUNMING SCIENCE & TECH	Heat collection and heating integrated solar heat utilization device
CN201672717U U 20101215	CN20102143410U 20100329	F24J2/46	XIA CHEN	Vacuum bayonet-tube solar water heater in which edge of water tank vent hole is stretched outwards
CN201672718U U 20101215	CN20102143431U 20100329	F24J2/46	XIA CHEN	Vacuum straightway heat collecting pipe of ripple section of glass pipe
CN201672719U U 20101215	CN20102150001U 20100402	F24J2/46	XUTANG QIU	Heat-collecting heat-exchange integrated vacuum finned solar heat utilization element
CN201672720U U 20101215	CN20102150037U 20100402	F24J2/46; F24J2/30	XUTANG QIU	Heat collection and heat exchange integral vacuum spiral solar heat utilizing element
CN201672721U U 20101215	CN20102150047U 20100402	F24J2/46; F24J2/30	XUTANG QIU	Heat collection/exchange integrated vacuum coil pipe solar heat utilization component
CN201672722U U 20101215	CN20102151225U 20100406	F24J2/46	LIQIN QIU	Vacuum heat-collecting element with glass covering tube stuck with connecting material

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CN201672723U U 20101215	CN20102151346U 20100406	F24J2/46	XING QIU	Vacuum fusing-sealed U-shaped inner glass tube solar heat-collecting element
CN201672724U U 20101215	CN20102151371U 20100406	F24J2/46	XING QIU	Kovar sealing vacuum U-shaped tube solar heat collecting component
CN201672725U U 20101215	CN20102173691U 20100429	F24J2/46	ZHANWU LI	Water heater vacuum insulation box
CN201672726U U 20101215	CN20102179038U 20100505	F24J2/46	MENGNI QIAN	Solar-electric heating water heater
CN201672727U U 20101215	CN20102184479U 20100430	F24J2/46	XIANJIE YANG	Fold-line heat absorbing flow channel of balcony-style flat-panel solar heat collector
CN201672728U U 20101215	CN20102187098U 20100423	F24J2/46	QINHUANGDAO ZHONGRONG SOLAR ENERGY CO LTD	Split wall-mounted solar water heater
CN201672729U U 20101215	CN20102187782U 20100512	F24J2/46	GUANG WANG	Solar anti-freezing heating-free device
CN201672730U U 20101215	CN20102189387U 20100514	F24J2/46	JIAXING CITY ZHENGXING ENERGY SOURCES TECHNOLOGIES CO LTD	Indirect solar heating same-medium micro-variable solar heat exchanging and scale reducing suction-discharge device
CN201672731U U 20101215	CN20102190658U 20100514	F24J2/46	GUOLIANG ZHANG; XIAOHONG LI; FENG SUN	Inner container of solar water heater
CN201672732U U 20101215	CN20102200518U 20100520	F24J2/46	SHANDONG YABAITE METAL STRUCTURE SYSTEM CO LTD	Double-guide-slot aluminum profile for solar component installation
CN201672733U U 20101215	CN20102211177U 20100601	F24J2/46	DASHAN ZHAO	Cylinder wall coil pipe type inner container of heat exchange water tank capable of pressure bearing
CN201672734U U 20101215	CN20102222378U 20100611	F24J2/46	JIANFANG LI	Pipeline accumulated water reflux device of solar water heater

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CN201672735U U 20101215	CN20102143444U 20100329	F24J2/48	XIA CHEN	Vacuum straight through heat collection tube of cover glass tube with corrugation section
CN201672779U U 20101215	CN20102191227U 20100513	F26B15/18; F24J2/24; F24J2/50; F26B3/02	LONGXIN WU	Continuous solar drier
CN201672833U U 20101215	CN20102226943U 20100612	F28D15/02; F24J2/32	FENGHUA DONG	Whole glass heat pipe with high efficiency
CN201674436U U 20101215	CN20102210851U 20100601	H02N6/00; F24J2/00; F24J2/24	CHANGSHENG YUAN	Full automatic solar energy power generating and water supplying integrative machine
CN201680007U U 20101222	CN20102194534U 20100519	F16K13/00; F16K5/00; F16K11/044; F16K31/46; F16K31/60; F24J2/46	YUQUN TANG	Solar water heater conduit emptying valve
CN201680035U U 20101222	CN20102107883U 20100204	F16K31/06; F24J2/46	HUI PENG	Built-in electric control emptying valve capable of draining hot water instantaneously
CN201680347U U 20101222	CN20102145077U 20100330	F22B1/00; C02F1/14; F03G6/04; F24D17/00; F24F5/00; F24J2/00	UNIV SOUTHEAST	Slot type solar multi-stage thermal utilization device
CN201680486U U 20101222	CN20102100110U 20100119	F24D11/00; F24J2/00	JIASHU LIU	Solar energy electric radiator
CN201680487U U 20101222	CN20102115037U 20100209	F24D11/00; F24J2/04	DAZHANG FAN	Wall body type solar-energy cooling and warming device
CN201680488U U 20101222	CN20102137858U 20100320	F24D11/02; F24J2/00; F24J3/08	SHAOJIE LI	Solar energy and ground source heat pump combined and complementary heating system device
CN201680522U U 20101222	CN20102150490U 20100406	F24F5/00; F24J2/08; F24J2/10	QI ZHAO	Soar air-conditioner
CN201680573U U 20101222	CN20102147162U 20100331	F24H1/20; F24H4/02; F24H9/20; F24J2/00	TRANE AIR CONDITIONING SYSTEM CHINA CO LTD; TRANE CO	Anti-electric shock heat-storage type hot water system
CN201680605U U 20101222	CN20102130820U 20100203	F24J2/00; F24J2/46	YANDONG LIU	Unit electric heating water tank of solar water heater

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CN201680606U U 20101222	CN20102126852U 20100310; CN20102178385U 20100415	F24J2/00; F22B1/00; F24J2/05; F24J2/10; F24J2/24; F24J2/30; F24J2/34; F24J2/42; F25B27/00	ZHENGPING LAI	Solar heat-transfer oil heating device
CN201680607U U 20101222	CN20102187425U 20100511	F24J2/00; F03D9/00; F24D15/00; H02J7/14	JINHUI LIU	Environment-friendly energy collecting device
CN201680608U U 20101222	CN20102196480U 20100520	F24J2/00	SHIJIAZHANG SUND INDUSTRY CO LTD	Electricity-steam dual-energy heating unit for solar water heaters
CN201680609U U 20101222	CN20102212352U 20100526	F24J2/00; F24J2/50; F24J2/51	LUOYANG BOLIAN NEW ENERGY TECHNOLOGY DEV CO LTD	Arc shaped wall hanging solar energy water heater
CN201680610U U 20101222	CN20102157124U 20100413	F24J2/02	FUCUN LIU	Solar heat collection and utilization system
CN201680611U U 20101222	CN20102107816U 20100204	F24J2/04; F24J2/46	BO LIU	Water heater being capable of collecting heat on solar water heater water tank
CN201680612U U 20101222	CN20102142788U 20100324	F24J2/04; F24J2/05; F24J2/46; F24J2/48	KUIMIN ZHANG	Solar air conditioning water heating and heat collection multipurpose device
CN201680613U U 20101222	CN20092272310U 20091111	F24J2/05; F24J2/24; F24J2/46	ZHENGGAO ZHOU	Dual-row tube stainless steel solar water heater
CN201680614U U 20101222	CN20102137181U 20100322	F24J2/05; F24J2/16; F24J2/24	JIAN QIN	Reflection convergence solar-energy photo-thermal boiler
CN201680615U U 20101222	CN20102167240U 20100423	F24J2/05; F24J2/26; F24J2/52	JIANMIN LI	Built-in solar heat collector with external wall-mounted unit
CN201680616U U 20101222	CN20102150874U 20100407	F24J2/20; F24J2/46	UNIV YANSHAN	Solar energy air heat collector
CN201680617U U 20101222	CN20102124964U 20100131	F24J2/24; F24J2/48	DELONG YAO	Copper-free stainless steel flat-panel solar energy super heat conduction heat collector
CN201680618U U 20101222	CN20102143784U 20100330	F24J2/24; F24J2/05; F24J2/48	SHUZHONG LEI	Solar energy water boiler

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CN201680619U U 20101222	CN20102212358U 20100526	F24J2/24; F24J2/32; F24J2/46	LUOYANG BOLIAN NEW ENERGY TECHNOLOGY DEV CO LTD	Full-automatic mother-son tank vacuum tube solar energy hot water boiler
CN201680620U U 20101222	CN20102212383U 20100526	F24J2/24; F24J2/05; F24J2/46	LUOYANG BOLIAN NEW ENERGY TECHNOLOGY DEV CO LTD	P-type vacuum tube solar water heater
CN201680621U U 20101222	CN20102176421U 20100430	F24J2/34; F24J2/32; F24J2/48	ZHUANG JUN	Heat storage type oval anti-freezing high-efficiency solar aluminothermic pipe heat collector
CN201680622U U 20101222	CN20102103878U 20100122	F24J2/40; F24J2/00	SHANDONG YIJIANENG SOLAR ENERGY CO LTD	Solar auxiliary heating control system
CN201680623U U 20101222	CN20102133018U 20100211	F24J2/40; F24J2/46	CANGWU SANGHE THERMAL EQUIPMENT CO LTD	Device for automatic reflux of cold water in hot water pipe of water heater
CN201680624U U 20101222	CN20102203489U 20100522	F24J2/40; F24J2/46	ZHEJIANG MEIDIYA NEW ENERGY TECHNOLOGY CO LTD; WEIGUO YAO	Flat solar one-way circulation intelligent variable-frequency auxiliary heating control system
CN201680625U U 20101222	CN20092269760U 20091025	F24J2/46; F16K15/03; F16K15/04	LIYU CHEN	Solar water heater gas inlet-outlet automatic opening and closing heat-preserving valve
CN201680626U U 20101222	CN20092280829U 20091210	F24J2/46; C02F1/00; C02F1/28; C02F1/58	ZUOXIN XING	Mineralized thermal spring solar vacuum pipe

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CN201680627U U 20101222	CN20102107878U 20100125	F24J2/46	SHANGDONG MUYANG SOLAR ENERGY TECHNOLOGY CO LTD	Novel solar water heater pipeline anti-freezing device
CN201680628U U 20101222	CN20102118745U 20100131	F24J2/46; F24J2/05	SHENGLI LIU	Heat collecting tube system provided with partition boards with cold water pipe holes in header cavity
CN201680629U U 20101222	CN20102130077U 20100308	F24J2/46	YONGLIN ZHOU	Box body of solar water heater
CN201680630U U 20101222	CN20102154906U 20100405	F24J2/46	YONGFU ZHANG	Solar water feeding reminder
CN201680631U U 20101222	CN20102166093U 20100422	F24J2/46	SHENGGUO ZHANG	Heat collection composite layer for solar collector
CN201680632U U 20101222	CN20102171718U 20100427	F24J2/46; F24J2/32	HIMIN SOLAR CO LTD	Heat pipe type solar heat collector runner
CN201680633U U 20101222	CN20102178051U 20100426	F24J2/46	ZHENGGUAN ZHANG	Through type vacuum glass heat collection tube with telescopic ring
CN201680634U U 20101222	CN20102179604U 20100505	F24J2/46	YANGXIN HONGZHUN ELECTRONIC CO LTD	High-efficient energy-saving hot water tank
CN201680635U U 20101222	CN20102184358U 20100510	F24J2/46; F24J2/52	CHENGDU QINGFU ENVIRONMENTA L PROT TECHNOLOGY CO LTD	Novel solar energy telescopic heat collection device
CN201680636U U 20101222	CN20102196778U 20100519	F24J2/46	ORIENTAL SUNRISE SOLAR CO LTD	Connecting device for solar energy heat collecting modules
CN201680637U U 20101222	CN20102198672U 20100521	F24J2/46	SHANGDONG SANGLE SOLAR ENERGY CO LTD	Solar water heater anti-fall device
CN201680638U U 20101222	CN20102200495U 20100524	F24J2/46	SHAOHONG SUN	Solar water heater protective net

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CN201680639U U 20101222	CN20102204341U 20100520	F24J2/46	YOUSHAN CHEN	Inner liner of solar heating and electric heating integral water heater
CN201680640U U 20101222	CN20102206753U 20100526	F24J2/46	A O SMITH CHINA WATER HEATER CO LTD	Solar water heater and sensor mounting structure thereof
CN201680641U U 20101222	CN20102212372U 20100526	F24J2/46	LUOYANG BOLIAN NEW ENERGY TECHNOLOGY DEV CO LTD	Water tank electromagnetic auxiliary heater for solar energy water heater
CN201680642U U 20101222	CN20102201148U 20100514	F24J2/48	YUJIE CHEN	Diversion solar vacuum heat-collecting tube
CN201680643U U 20101222	CN20102109500U 20100208	F24J2/52	A O SMITH CHINA WATER HEATER CO LTD	Solar vacuum pipe clamp frame
CN201680650U U 20101222	CN20102142341U 20100326	F25B29/00; F24F12/00; F24J2/00	LEXIN JIANG	Multifunctional solar heat pump unit
CN201687674U U 20101229	CN20102168518U 20100416	F03G6/06; F01D15/10; F24J2/34	UNIV HUAZHONG SCIENCE TECH	Focus-fixed trough-disc combination type solar thermal power generation device
CN201688569U U 20101229	CN20102191587U 20100517	F24H9/00; F24J2/46	JIANGSU GUANGMANG TECHNOLOGY DEV CO LTD	Multi-energy heat accumulation water tank with layering container
CN201688572U U 20101229	CN20102217392U 20100527	F24H9/00; F24J2/46	BEIJING TSINGHUA SOLAR ENERGY DEV CO LTD; BEIJING HUAYE SOLAR ENERGY CO LTD	Cold-water recycling and reusing hot-water system
CN201688578U U 20101229	CN20102169035U 20100426	F24J2/00; F24J2/30; F24J2/32; F24J2/40; F24J2/46; F24J2/48	SHANGHAI JITE CO LTD; KETING ZHENG	Solar water heater modified from gas or electric water heater

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CN201688579U U 20101229	CN20102192486U 20100517	F24J2/00; F24J2/46	JIANXIANG DONG	Wall mounted integral pressure panel solar water heater
CN201688580U U 20101229	CN20102201933U 20100513	F24J2/00	XU PAN	Solar water heating bag
CN201688581U U 20101229	CN20102205716U 20100525	F24J2/00; F24J2/46	HAO LV	Solar energy temperature control heating apparatus
CN201688582U U 20101229	CN20102190497U 20100502	F24J2/02; F24J2/52	YUQIANG WANG	Focus fixed solar cooker
CN201688583U U 20101229	CN20102203341U 20100526	F24J2/04; F24J2/46; F24J2/50; F24J2/52	SHANGDONG SANGLE SOLAR ENERGY CO LTD	Suction-storage integrated vacuum heat insulation type water heater
CN201688584U U 20101229	CN20102205719U 20100525	F24J2/04; F24J2/46	HAO LV	Indoor solar temperature control heating apparatus
CN201688585U U 20101229	CN20102157397U 20100413	F24J2/05; F24J2/10	WUXI CHANSHAN PRINT CO LTD	Solar hot water bucket
CN201688586U U 20101229	CN20102211162U 20100531	F24J2/05; F24J2/46	YONGWEI HUANG	Vacuum tube solar water heater
CN201688587U U 20101229	CN20102106943U 20100201	F24J2/24	BEIJING TSINGHUA SOLAR SYSTEM LTD	Horizontal heat-collecting tube solar energy hot water system
CN201688588U U 20101229	CN20102219373U 20100601	F24J2/24; F24J2/10; F24J2/48; F24J2/50	QUANXING XU	Heat collector for solar water heaters
CN201688589U U 20101229	CN20102164453U 20100410	F24J2/30; F24J2/10; F24J2/32; F24J2/34	SUZHOU ZHONGKE MACHINERY CO LTD	Integrated pressure-bearing solar water heater
CN201688590U U 20101229	CN20102179659U 20100505	F24J2/30; F24J2/34	TANGSHAN TAIMING IND CO LTD	Solar heat-accumulation heat supply device
CN201688591U U 20101229	CN20102191605U 20100517	F24J2/30; F24J2/46	JIANGSU GUANGMANG TECHNOLOGY DEV CO LTD	Sealed natural circulation solar water heating system of horizontal jacketed water tank

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CN201688592U U 20101229	CN20102201438U 20100520	F24J2/38; F24J2/46	QIFA ZHU	Solar water heater
CN201688593U U 20101229	CN20102106959U 20100201	F24J2/40; F24J2/46	BEIJING TSINGHUA SOLAR SYSTEM LTD	Instantaneous pressure solar water heating system
CN201688594U U 20101229	CN20092214074U 20091123	F24J2/46	YANG XU	Through full-glass solar vacuum heat collecting tube
CN201688595U U 20101229	CN20092218945U 20091210	F24J2/46	JIANGSU LIYUAN SOLAR ENERGY CO LTD	Pipeline draining mechanism of unpressurized integrative solar water heater
CN201688596U U 20101229	CN20092272460U 20091122	F24J2/46	YIAN FENG	Metal plate plug for solar vacuum tube
CN201688597U U 20101229	CN20102106971U 20100201	F24J2/46	BEIJING TSINGHUA SOLAR SYSTEM LTD	Installing structure of full-glass vacuum solar heating collecting pipe
CN201688598U U 20101229	CN20102141544U 20100316	F24J2/46	JIANGSU BADELITE SOLAR ENERGY TECHNOLOGY CO LTD	Water storage tank of solar water heater
CN201688599U U 20101229	CN20102143742U 20100329	F24J2/46	JIN SHEN	Water heater pipeline centralized control device
CN201688600U U 20101229	CN20102154265U 20100409	F24J2/46	JIAXING TONGJI SUNSHINE NEW ENERGY CO LTD	Anti-freezing heat-insulating water outlet connector of water tank of solar water heater
CN201688601U U 20101229	CN20102154267U 20100409	F24J2/46	JIAXING TONGJI SOLAR ENERGY CO LTD	Connecting structure for outer end cover of water storage tank of solar water heater
CN201688602U U 20101229	CN20102154510U 20100312	F24J2/46; F24J2/40	SHOUMING ZHANG	Self-control isothermal water-saving freeze-proofing device of solar water heater
CN201688603U U 20101229	CN20102156528U 20100412	F24J2/46	LAIYU WANG	Three-casing-pipe fast-heating type vacuum solar heat collecting tube

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CN201688604U U 20101229	CN20102164448U 20100410	F24J2/46	WENZHOU ZHONGKE MECHINERY CO LTD	Plate-perforated high-efficiency solar flat-plate heat collector
CN201688605U U 20101229	CN20102191576U 20100517	F24J2/46	JIANGSU GUANGMANG TECHNOLOGY DEV CO LTD	Horizontal jacket water tank
CN201688606U U 20101229	CN20102191601U 20100517	F24J2/46	JIANGSU GUANGMANG TECHNOLOGY DEV CO LTD	Horizontal-type fin water tank
CN201688607U U 20101229	CN20102191617U 20100517	F24J2/46	JIANGSU GUANGMANG TECHNOLOGY DEV CO LTD	Sealed natural circulation solar water heating system of horizontal finned water tank
CN201688608U U 20101229	CN20102195566U 20100519	F24J2/46	JIANXIANG DONG	Efficient solar energy thermal-collecting pipe
CN201688609U U 20101229	CN20102213346U 20100602	F24J2/46	YAMEI CHEN	Automatic water stopping apparatus of solar water heater
CN201688610U U 20101229	CN20102213836U 20100603	F24J2/46	ENBAO QUAN	Emptier of solar water heater
CN201688611U U 20101229	CN20102135073U 20100316	F24J2/48	BEIJING TSINGHUA SOLAR ENERGY DEV CO LTD	Novel anti-reflection self-cleaning vacuum solar heat connecting pipe
CN201688612U U 20101229	CN20102211633U 20100601	F24J2/48	SHANGDONG SANGLE SOLAR ENERGY CO LTD	High efficiency heat-collecting vacuum tube
CN201688613U U 20101229	CN20102158360U 20100414	F24J2/50	SHANDONG SHUAIKE NEW ENERGY CO LTD	Solar vacuum tube with high selectivity and absorptivity
CN201688614U U 20101229	CN20102145473U 20100331	F24J2/52; F24J2/05; F24J2/24	SU JUN	Balcony wall-mounted solar water heater

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CN201690374U U 20101229	CN20092049158U 20091016	H02N6/00; F24J2/04; F24J2/46	SUZHOU GAIYA INTELLIGENT TECHNOLOGY CO LTD	Solar comprehensive effect energy collection device
CN201690378U U 20101229	CN20102120031U 20100226	H02N6/00; F24J2/24; F24J2/48	JIAN MA; QING HE	Photovoltaic and photothermal compound light target
CO6180473 A2 20100719	ES20060002226U 20061009; ES20060002371U 20061025; ES20060002756U 20061222	F24J2/54	CABANILLAS INGENIEROS S L [ES]	SISTEMA MOVIL DE SOPORTE PARA PANEL SOLAR
CZ20090312 A3 20101201	CZ20090000312 20090520	F24J2/52	EKOSOLAR S R O [CZ]	Solar system load-bearing structure
CZ21035U U1 20100630	CZ20100022715U 20100514	F24J2/04	HORAK PETR [CZ]	Spherical solar collector and heating solar equipment
CZ21115U U1 20100728	CZ20100022566U 20100414	H01L31/042; F24J2/52	UNIVARS SRO [CZ]	Load-bearing structure
CZ21199U U1 20100901	CZ20100022836U 20100611	F24J2/42	HAVLICEK LUBOS [CZ]	Air- or water-heating apparatus
CZ21497U U1 20101201	CZ20100023285U 20101006	F24J2/52	SUCHAN JIRI [CZ]	Load-bearing structure for solar panels
CZ21514U U1 20101208	CZ20100023208U 20100913	F24J2/52	AKO PLUS S R O [CZ]	Double load-bearing bracket for solar equipment
CZ21516U U1 20101208	CZ20100023297U 20101007	H01L31/042; F24J2/52; G02B5/12	ERYCHLEB JOSEF [CZ]	Solar plant
DE10200804809 6 A1 20100715	DE200810048096 20080919	F24J2/07; F03G6/06	ECOENERGY GES FUER EN UND UMWE [DE]	Verfahren zur ?berhitzung von Dampf
DE10200805701 2 A1 20100715	DE200810057012 20081112	F24J2/52; H01L31/042	HEINTZMANN SICHERHEITSSY STEME [DE]	Solar module supporting structure, has clamping grooves receiving spring legs of clamping pieces with flaps that are bent toward legs and connected with sections of supporting webs located next to grooves to clamp edges of solar modules

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DE10200805835 5 A1 20100805	DE200810058355 20081120	F24J2/04	ROOS FREIZEITANLAG EN GMBH [DE]	Solar collector for heating liquid, has distributor pipe made of plastic for supplying and discharging liquid to be heated, where wall of distributor pipe is provided with undulated profile
DE10200806386 0 A1 20100701	DE200810063860 20081219	F24J2/40	VISSMANN WERKE KG [DE]	Verfahren und Vorrichtung zum Regeln einer Wörmeezeugungseinrichtung
DE10200806429 5 A1 20100722	DE200810064295 20081220	F24J2/46	BUTSCHEK FRANZ [DE]	Solar-flat or arc collector for use on roof of house, has collector unit made of composite material, and highly heat-resistant wire provided for heating cold water riser pipe, and mirror installed in hemispherical-shield
DE10200806435 1 A1 20100701	DE200810064351 20081220	F24J2/04	ALBRECHT RENE [DE]	Sonnenkollektor
DE10200900250 4 A1 20101028	DE200910002504 20090420	F24J2/52	CT TEC COMPOSITES GMBH [DE]	Carrier for solar collector module utilized e.g. for producing electricity, has angle adjusting unit with shear-like cross sidepieces provided according to type of scissor lifting arrangement that supports receiving element at base element
DE10200900250 5 A1 20101021	DE200910002505 20090420	H01L31/052; F24J2/10	KIESEWETTER TOBIAS [DE]; KRAMPE KARL- HEINZ [DE]	Solar plant, particularly photovoltaic plant, has multiple power converting arrangements with retaining element, energy converter and optical device
DE10200900250 8 A1 20101021	DE200910002508 20090420	G02B27/42; F21V5/04; F24J2/08; G02B3/08; G02B27/09; H01L31/052	KIESEWETTER TOBIAS [DE]; KRAMPE KARL- HEINZ [DE]	Optische Einrichtung zum Beugen eines Strahlenbündels sowie ein Verfahren zur Beugung eines Strahlenbündels
DE10200900307 7 A1 20101118	DE200910003077 20090513	F24J2/52; F16S3/02; H01L31/05	HABDANK PV MONTAGESYST EME GMBH [DE]	Traganordnung für Solarmodule
DE10200900387 8 A1 20101118	DE200910003878 20090505	F24J2/42; F24J2/40	KLOOCK MARTIN [DE]	Solartechnische Anordnung sowie Verfahren dafür
DE10200900391 3 A1 20100708	DE200910003913 20090103	F24J2/40	BOSCH GMBH ROBERT [DE]	Verfahren und Vorrichtung zur Bestimmung eines Schaltpunktes einer Solarheizkreisregelung und Solaranlage
DE10200900391 4 A1 20100708	DE200910003914 20090103	F24J2/42	PINKL JOACHIM [DE]	Solarabsorber und Luftwörmetauscher mit und ohne Zwangsbelüftung

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DE102009004072 A1 20100708	DE200910004072 20090102	F24J2/14; F24J2/38	AMATON SA [BE]	Parabolrinnenkollektor
DE102009004260 A1 20100708	DE200910004260 20090107	E04D13/18; E04D3/16; F24J2/52	SOLEOS SOLAR GMBH [DE]	Dachelement, Anordnung von Dachelementen und Verfahren zur Herstellung eines Dachelements
DE102009004294 A1 20100715	DE200910004294 20090110	F24H9/20	BOSCH GMBH ROBERT [DE]	Hot water storage tank's storage container loading method for e.g. drinking water preparation, involves switching hot water storage tank into normal-operating mode, so that pre-heating region is unloaded
DE102009004547 A1 20100715	DE200910004547 20090114	F24J2/46	BECKER FRIEDRICH [DE]	Solar flat plate collector has transparent heat insulation, where collector interior space is filled with steam, which condenses at operating temperature
DE102009004995 A1 20100722	DE200910004995 20090117	E04D13/18; E06B9/24; F24J2/54; H01L31/04	FUCHS PETER [DE]	Solar module functional unit, has solar cell modules or solar collectors movable in horizontal and/or vertical direction, where modules or collectors are supported in dynamic installation frame that is aligned in installation area
DE102009005332 A1 20100722	DE200910005332 20090116	F24J2/04	VISSMANN WERKE KG [DE]	Solarthermische Anlage
DE102009005939 A1 20100729	DE200910005939 20090123	E04D13/18; F24J2/52	BLASZCYK ROBERT [DE]	Mounting system for solar- and photovoltaic panels, consists of two angular sections which are made of light-, ultraviolet-, and rotting-resistant material, lower angular frame and upper mounting frame
DE102009006247 A1 20100729	DE200910006247 20090127	F24J2/42	SIPOS ADRIENN [DE]; SIPOS JANOS [DE]	Heat recovery system for house, has natural parts e.g. brick work, comprising dynamic, mobile, thermal insulating cover, surrounded by permanent thermal insulating sleeve, and covered with weather-resistant glass
DE102009006722 A1 20100805	DE200910006722 20090129	F24J2/04	BOSCH GMBH ROBERT [DE]	Solarheizanlage, Verfahren und Vorrichtung zur Diagnose einer Luftmenge in einem mit einem Solarfluid befüllten Solarfluidkreis und zum Betreiben einer Solarheizanlage
DE102009006724 A1 20100805	DE200910006724 20090129	F24J2/04	BOSCH GMBH ROBERT [DE]	Solarheizanlage, Verfahren und Vorrichtung zur Verlängerung der Laufzeit einer Anlage mit einem geschlossenen Fluidkreislauf

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DE10200900696 1 A1 20100805	DE200910006961 20090131	F24J2/52	WOSCHKO BETEILIGUNGEN GMBH [DE]	Fastener for fastening photovoltaic modules and/or solar collectors to roof in sun direction, has metallic carrier connected with lower receptacle on lower side such that receptacle is fastened into screwing channel by fastening screw
DE10200900723 2 A1 20100805	DE200910007232 20090203	F01K23/02; F01K27/00; F03G6/00; F24J2/14; F25B9/14	SIEMENS AG [DE]	Thermische Kraftwerksanlage, insbesondere solarthermische Kraftwerksanlage
DE10200900758 2 A1 20100909	DE200910007582 20090202	F16L13/14; B29C65/20; F24J2/24	HERBST DONALD [DE]	Verfahren zum Verbinden sowie Verbindung eines Kapillarrohrs mit einem Stammrohr
DE10200900826 3 A1 20100819	DE200910008263 20090210	F24J2/40	BOSCH GMBH ROBERT [DE]	Verfahren und Vorrichtung zum Einstellen eines Solarfluiddrucks in Leitungen einer Solaranlage sowie eine Solaranlage
DE10200900842 6 A1 20100819	DE200910008426 20090211	F24J2/14	MOSMATIC AG [CH]	Solar power station, has metal hose guided via retainer, and axial seal ring co-acting with sealing surface at discharge tube in spring stressed manner, where discharge tube is arranged in housing in rotatable manner
DE10200900868 3 A1 20100819	DE200910008683 20090206	F24J2/52	K2 SYSTEMS GMBH [DE]	Solar module fastener for solar module, has mounting rail with fastening bars and retaining medium formed as U-shaped holder with base and two brackets
DE10200900925 8 A1 20100902	DE200910009258 20090217; DE200820013279U 20080731	F24J2/20	LUEDECKE FREDI [DE]	Anlage und Verfahren zur Wörmegewinnung
DE10200900932 1 A1 20100819	DE200910009321 20090217	F28D20/00; F24J2/46	SKRABANIK GEORG [DE]	Wörmespeicher
DE10200901035 8 A1 20100708	DE200910010358 20090225; DE200910004084 20090102	F01K3/08; F24J2/46	HOLZAPFEL BERND [DE]	Wörmespeicher, Kraftwerk und Verfahren zur Bereitstellung von Prozesswürme
DE10200901062 9 A1 20100826	DE200910010629 20090223	F24J2/24	NIERSMANN ULF [DE]	Thermal solar collector e.g. flat tube collector, has inner space comprising housing with sealing, and transparent cover is equipped with absorber, where inner space is evacuated or filled with transparent medium

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DE102009011532 A1 20100909	DE200910011532 20090303	F24J2/00; H01L31/058	SOLARHYBRID AG [DE]	Hybridkollektor
DE102009011715 A1 20100916	DE200910011715 20090309	F24D3/10; F24J2/40	SOLARHYBRID AG [DE]	Hydraulic header for connection of heat generators to heating system, is provided with generator connections for connecting heat generator and storage ports for connecting heat accumulator
DE102009011780 A1 20100916	DE200910011780 20090309	F24J2/46; F24J2/40	ROTEX HEATING SYSTEMS GMBH [DE]	Solar collector for collector arrangement, is provided with collector housing positioned in solar absorber and holding device
DE102009011988 A1 20100909	DE200910011988 20090305	F24J2/38	OPHTHALMOSY STEM GMBH [DE]	Vorrichtung und Verfahren zur gerichteten Reflexion Nutzung
DE102009012026 A1 20100923	DE200910012026 20090310	E04D13/18; F24J2/52	ROTEX HEATING SYSTEMS GMBH [DE]	Mounting system for on-roof mounting of solar collectors used in thermal solar system for producing e.g. warm water, has carrier rail brought into locking position fixed at profile claw by rotating around rail longitudinal axis
DE102009013113 A1 20100923	DE200910013113 20090313	G05D3/00; F24J2/38; H01L31/04	FRAUNHOFER GES FORSCHUNG [DE]	Verfahren zum Nachföhren eines Solargenerators nach der Sonne, Steuerung für eine Solaranlage und Solaranlage
DE102009013254 A1 20100923	DE200910013254 20090314	F24J2/07	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Steam production absorber pipe for use in solar thermal power station for e.g. generating solar process steam, has water impermeable diaphragm separating two areas from each other, where steam is permeable into interior of absorber pipe
DE102009014491 A1 20100930	DE200910014491 20090323	F24J2/20	RAWEMA COUNTERTRADE HANDELSGMBH [DE]	Collector for heating fluid by solar energy, has inlet area for supplying fluid that is heated, where discharge area discharges heated fluid in collector, and fluid flow area is provided between inlet area and discharge area
DE102009015901 A1 20101007	DE200910015901 20090401	F24J2/07	FRICKE HARALD [DE]; FRICKE MARLIES [DE]; SCHUETTAUF KERSTIN [DE]	Radiation absorber device for solar mirror unit, has primary heat transfer circuit for primary heat carrier, secondary heat transfer circuit for secondary heat carrier and burning surface for providing radiation

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DE10200901607 2 A1 20101007	DE200910016072 20090403	F24J2/52; H01L31/042	BAUER KUNSTSTOFFTE CHNIK GMBH [DE]	Device for arranging solar modules, has open container at upper side with plastic molding for receiving bulk goods or piece goods to weigh down device
DE10200901692 3 A1 20101021	DE200910016923 20090408	E04D13/18; E01C5/00; E04D1/30; E04F13/074; F24J2/42	MOLSEN CARSTEN [DE]	Roofing integrated solar system structural arrangement, has guides for tubes and pipes integrated in space below ridge tiles, and retaining element integrated in UV-stable plastic foils for retaining glass roofing tiles
DE10200901716 4 A1 20101021	DE200910017164 20090409	F16B5/06; F24J2/52	ASCHENBRENN ER GMBH [DE]	Holding device, particularly for fastening plate-shaped elements, like solar panels or profile elements on carrier structure, comprises carrier element having two holding elements and fastening element
DE10200901720 0 A1 20101014	DE200910017200 20090409	F28F21/06; F25B39/04	FEICHTINGER REINHARD [DE]	Wörmeaustauscher
DE10200901774 1 A1 20100708	DE200910017741 20090416; DE200810063424 20081231	F24J2/04; F24J2/14	AHNERT AXEL [DE]; AHNERT PETER [DE]	Receiverrohr
DE10200901812 6 A1 20101014	DE200910018126 20090409	C25B1/04; F03D9/00; F03D9/02; F24J2/00; H02J3/38	ZSW [DE]	Energieversorgungssystem und Betriebsverfahren
DE10200901836 2 A1 20101111	DE200910018362 20090423	F16B1/02; E04D13/18; F16B5/02; F16B37/00; F24J2/52; H01L31/05	FATH GMBH [DE]	Fastening device for fastening plate-shaped component i.e. solar module, to profile rail of supporting structure in rooftop, has nut with springs at sides and supported directly or indirectly in groove and retaining element over springs
DE10200901892 0 A1 20101104	DE200910018920 20090428	H02N6/00; F24J2/04; H01L31/04; H01L31/052	A & F GMBH [DE]	Method for operating photovoltaic system for converting sunlight into electrical energy, involves measuring actual temperature and forwarding it to controlling- or regulating device
DE10200901934 5 A1 20101111	DE200910019345 20090430	F16B37/04; F16B1/02; F16B5/02; F24J2/52	WAGNER & CO SOLARTECHNIK GMBH [DE]	Befestigungselement

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DE10200901954 8 A1 20101104	DE200910019548 20090430	F24J2/52; H01L31/042	WILHELM OETTING KUNSTSTOFFVE RF [DE]	Assembling module for assembling solar collector at e.g. flat roof of house, has fastening devices displaced at holding rail and fixed in desired position, where holding rails are attached at upper side of columns
DE10200901982 9 A1 20101111	DE200910019829 20090504	H01L31/05; F16B7/04; F24J2/52	GEHRLICHER SOLAR AG [DE]	Fastening structure for fastening large solar module to substructure in e.g. commercial power generation application, has mutually corresponding engagement formations provided at pair of profiles and lockingly engaging profiles together
DE10200902025 6 A1 20101111	DE200910020256 20090507	F24J2/46; H01L31/05	STIEBEL ELTRON GMBH & CO KG [DE]	Frame for solar collector has base, outer wall, inner wall and hollow chamber between outer wall and inner wall, where drainage hole is connected to hollow chamber
DE10200902033 6 A1 20101118	DE200910020336 20090507	F24J2/38; F24J2/54	HAUSER EBERHARD [DE]	Heliostat has mirror, actuator for moving mirror and sensor arrangement for detecting position of sun or sunlight intensity
DE10200902044 6 A1 20101111	DE200910020446 20090508	H01L31/04; F24J2/54; H01L31/052	A & F GMBH [DE]	Photo voltaic system for converting radiation energy of sun light into electrical energy, has solar altitude dependent processing parameter determined in controlling device, and changeable frame angle produced from angle difference
DE10200902047 6 B3 20100902	DE200910020476 20090508	G02B5/10; F24J2/10; G02B7/185	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Method for manufacturing curved mirror facets of defined surface form for solar energy generating system, involves arranging flexible suction plate on vertically adjustable support
DE10200902062 0 A1 20101125	DE200910020620 20090509	F16S3/02; F24J2/46	FORSCH QUALITAETSZEN TRUM ODERB [DE]	Connecting and retaining construction for profiles and profile rods for e.g. frame construction, has flat connecting element extending over entire height of profiles, where construction is positioned by secondary molding element
DE10200902197 5 A1 20101202	DE200910021975 20090519	G05D3/00; F24J2/38	HISTA ELEKTRO ANLAGENBAU GMBH [DE]	Solar altitude track controlling system for solar collector used for recovering energy from solar radiation, has control units delivering address commands and/or control information to other control units via data bus
DE10200902215 4 A1 20101125	DE200910022154 20090520	F24J2/38	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Method for calibrating flat alignment of solar radiation directing, focusing, optical reflector device such as heliostat or dish, involves installing start- or end plane distant to focal length of reflector device form reflecting plane

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DE10200902215 5 A1 20101125	DE200910022155 20090520	F24J2/38	DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]	Method for calibration of concentrator of energy generating plant, involves arranging each facet of concentrator in line on another imaging point of heliostats
DE10200902216 1 A1 20101209	DE200910022161 20090520	E04D13/00; E04B7/18; E04D13/18; F24J2/52	RENSBURG MARKUS [DE]	Fastener for roof structures, is provided with fastening body, where fastening body has opening with thread, particularly for receiving fastener
DE10200902220 1 A1 20101125	DE200910022201 20090520	F24J2/54; H01L31/05	KUMER STANKO [DE]	Solar module carrying device has stand element which is mounted on base, where adjusting device is provided for rotating supporting frame element around vertical axis at upper end of stand element
DE10200902255 7 A1 20101202	DE200910022557 20090525	F03G6/04; F02G1/04; F24J2/10; F24J3/00	ZURHEIDE FRANK [DE]	Solar power plant, has small planar mirror plates tilted in adequate angle and directing radiation onto heater of stirling engine, which is mounted above planar steel carrier plates provided perpendicular to radiation
DE10200902271 8 A1 20101202	DE200910022718 20090526	F16B5/00; E04D13/18; F24J2/52	HS SYSTEMTECHNI K GMBH [DE]	Device for fastening e.g. solar module to roof structure of house, has support arm exchangeably fastened to mounting plate i.e. angle plate, and guide brackets encompassing arm and arranged at angle legs of plate
DE10200902276 5 A1 20101202	DE200910022765 20090527	F24J2/04	BERNSTEIN HANS- FRIEDRICH [DE]	Solar system for solar heating support of heating or cooling system, comprises solar collector and heat transfer fluid, where circulation of heat transfer fluid is switchable through solar collector by two valves
DE10200902278 0 A1 20101202	DE200910022780 20090520	F16M13/00; F24J2/52; H01L31/05	TRIENERGY GMBH [DE]	Stand for solar module, has holder comprising two angle sections that are pivotable opposite to each other around horizontal axis, where one of angle sections has side parts projecting from base, and another section has arms
DE10200902293 2 A1 20101202	DE200910022932 20090527	F24J2/28	GIRLICH DIETER [DE]	Solar collector has absorber which is surrounded by housing, where absorber is made of metallic or metallized, netted three-dimensional structure, where three-dimensional structure is open-pored metal foam and closed-pored metal foam

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DE10200902351 2 A1 20101209	DE200910023512 20090530	F24J2/48	DEVINE GMBH & CO KG [DE]	Solar collector, has fluid absorbing medium to convert solar radiation energy into heat energy, where medium absorbs radiation energy transmitted by flow-chamber-wall and is simultaneously moved in and out of flow chamber for heat transfer
DE10200902449 8 A1 20100701	DE200910024498 20090610; DE200810063398 20081230	F24J2/00	FALKENHAGEN JOACHIM [DE]	Method for heat supply using solar power, involves utilizing solar radiation from sun, for heating heat transfer medium in climate zone, and transporting medium to heat consumers in region with low degree of exposure to sun
DE10200902483 9 A1 20101216	DE200910024839 20090611	F24J2/46	GERLACH WOLFGANG [DE]	Solar radiation utilization mechanism for heating building, has heat storage tank provided with tube system and arranged at bottom, where heat storage tank is directly connected with heating mechanism by heat pump
DE10200902490 2 A1 20101216	DE200910024902 20090615	F24J2/46; F28D20/00	SCHWAGER HARTMUTH [DE]	Method for utilization of quantities of heat from solar thermal plant in underground of building, involves extending injection well within clay layer, and removing quantity of heat of clay layer at time of increased heat within building
DE10200902497 4 A1 20101230	DE200910024974 20090616	F24J2/08	NAFFIN FRIEDRICH HELGE [DE]	Device for heating sea water and/or material in e.g. drinking water treatment plant, has carrier unit including segment-like wall elements connected to dome-shaped structure and formed in multidimensional curved-shape
DE10200902523 5 A1 20101216	DE200910025235 20090614	F24J2/40; F24D12/00; F24D19/10; F24H1/18; F24J2/46; F28D20/00	NUTT NORBERT [DE]	Tandem-solar storage system for building, has large heat storage units formed in individual dimensions and from prefabricated elements within or directly adjacent to building and operated in different operation modes
DE10200902554 3 A1 20101223	DE200910025543 20090617	F24J2/42	FREITAG THOMAS [DE]	Transparent absorber for use within intermediate spaces between outer and inner shells of e.g. multi-shelled facade, has optical waveguide systems arranged in interior, where absorber has transmission degree in specific range
DE10200902608 3 A1 20100708	DE200910026083 20090701; DE200810044380 20081205; DE200910025947 20090610	F16M11/00; E04D13/18; F16M13/00; F24J2/52; H01L31/05	CLIMASOL SOLARANLAGEN GMBH [DE]	System zur Befestigung eines Solarmoduls, Anordnung von Solarmodulen und Verfahren zur Befestigung eines Solarmoduls

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DE10200902979 5 A1 20101125	DE200910029795 20090618; DE200920007213U 20090519	F24J2/00	CHU YU-LIN [TW]	Generator-system for use in building, has solar cell-panel for receiving solar energy and converting into electrical power, discharge-pipes mounted on chamber, and mounting-frame mounted at outer side of housing for supporting housing
DE10200903063 8 A1 20101230	DE200910030638 20090625	F24J2/04	DUESSELDORF STADTWERKE [DE]	Solar-thermal plant, has thermal solar collector providing heat energy for heat consumer and/or heat accumulator via transfer medium, and cooling systems remove excess heat, which is not accepted by heat consumer and/or heat accumulator
DE10200904380 8 A1 20100916	DE200910043808 20090819; DE200810044380 20081205; DE200910025947 20090610; DE200910026140 20090709	E04D13/18; F24J2/52; H01L31/05	CLIMASOL SOLARANLAGEN GMBH [DE]	Montagesystem und Dachkonstruktion
DE10200904808 6 A1 20101028	DE200910048086 20091002; DE200910016707 20090409	E04D13/18; E04D1/28; F24J2/42	FLECK OSKAR [DE]	Roof covering plate for extraction of heat energy from solar irradiation, has upper part with opening, where hollow space is formed in roof covering plate by assembling lower part and upper part to roof covering plate
DE10201000790 5 A1 20100826	AT20090000284 20090220	F24D19/10; F24J2/40	VAILLANT GMBH [DE]	Thermosyphon system for heat recovery from solar power, has heating element with safety device for switching off of power supply of heating element when preset temperature is exceeded
DE10201000885 3 A1 20101021	DE201010008853 20100222; DE200910010116 20090224; DE200910031308 20090630	G02B27/09; F24J2/06; G02B6/00; G02B6/42; G02B27/12; G02B27/14	SCHOTT AG [DE]	Photovoltaische Vorrichtung mit Konzentratoroptik
DE10201001863 2 A1 20101104	DE201010018632 20100423; DE200910019301 20090424	F24J2/00; F24J2/20	LUEDERS UWE [DE]	Solar-operated air collector for heating outside air, circulating air or other gaseous medium, comprises glass pane, multi-chamber window frame, and chamber

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DE10201003056 6 A1 20101230	DE201010030566 20100626; DE200910027259 20090626; DE200910029003 20090829; DE200910046708 20091113; DE200910055431 20091230	F24J2/14	DRAHEIM PETER [DE]	Solar heating device for use as thermo-solar device for heating liquid, has concentrator changed from spherical shape into parabolic shape, where absorber medium exhibits sectional and/or contact points with caustic curve of concentrator
DE11200800283 5 A5 20100722	DE200720011679U 20070821; WO2008DE01359 20080816	F24J2/04	WISCH ENGINEERING GMBH [DE]	Sonnenkollektor zur Erwärmung vorzugsweise von Luft
DE11200800300 7 A5 20100819	DE200720012275U 20070902; WO2008DE01437 20080901	F24J2/51; F24J2/26	KUNZ NORMAN [DE]	Thermischer Sonnenkollektor
DE11200800336 4 A5 20100909	DE200710048114 20071005; DE200710060991 20071214; WO2008DE01597 20081002	F28F13/16; A01G15/00; F03G7/04; F24J2/30; F25B21/00; F28D21/00	KLEINWAECHTE R JUERGEN [DE]	Elektrostatisch-Thermischer Wandler (ETW)
DE20200801783 9U U1 20100826	DE200820017839U 20080611; DE200810027797 20080611	F24J2/20; F24J2/46	BOSCH GMBH ROBERT [DE]	Solarflachkollektor und dessen Herstellung
DE20200900207 9U U1 20100701	DE200920002079U 20090420	E04D13/00; E04D13/18; F24J2/52; H01L31/05	MARSCHALL FRANZ [DE]	Dachhaken
DE20200900509 0U U1 20100930	DE200920005090U 20090730	E04D13/18; F24J2/52; H01L31/05	HENKENJOHANN JOHANN [DE]	Anordnung zur Befestigung von Modulen einer Photovoltaik-Einrichtung oder von Solarpaneelen

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DE20200900514 0U U1 20100715	DE200920005140U 20090814	F24J2/54; H01L31/04	SCHUECO INT KG [DE]	Nachf³hrvorrichtung
DE20200900514 1U U1 20100715	DE200920005141U 20090814	F24J2/54; H01L31/04	SCHUECO INT KG [DE]	Nachf³hrvorrichtung
DE20200900779 3U U1 20101021	DE200920007793U 20090603	F24J2/08	KARK AG [DE]	Solarkollektor
DE20200900808 1U U1 20101028	DE200920008081U 20090610	F24J2/24	SCHUECO INT KG [DE]	Absorber
DE20200900863 0U U1 20101104	DE200920008630U 20090622	F24J2/36	KORRMANN VOLKER [DE]	Bedarfskollektor
DE20200900878 1U U1 20101104	DE200920008781U 20090626	F24J2/10; F24J2/14	SAMAK NABIL [DE]	Wörmeabsorbierende Hohlkammern inkl. selbsttragender Karosserieeigenschaft in den Spiegelflächen der verschiedenen Solarkollektoren, die mittels (Hydro-)Anergie Antriebskreislöufen - kombiniert mit isoliertem Warmwasserspeicher - 24 Stunden töglich Solars
DE20200901143 4U U1 20101014	DE200920011434U 20090825	F24J2/52; H01L31/05	SADEF NV [BE]	Profiltröger
DE20200901177 5U U1 20100923	DE200920011775U 20090804; DE200920006317U 20090429	F24F5/00; F24F11/02; F24J2/00	HESTERMANN GERHARD [DE]	Standardgeröt f³r thermosolare Klimatisierung von Gebäuden
DE20200901215 2U U1 20100916	DE200920012152U 20090909; DE200910002473 20090419; DE200810001640 20080507; DE200920011203U 20090814	H01L31/052; F24J2/14; G02B5/10; H01L31/04	DRAHEIM PETER [DE]	Vorrichtung zum Konzentrieren von einfallendem Licht

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DE202009017830U U1 20100923	DE200920017830U 20090909; WO2009EP06545 20090909; DE200820011906U 20080909	F24J2/32	SOLA TERM GMBH [DE]	Solar-Flachkollektor
DE202009017831U U1 20100722	DE200920017831U 20090713; DE200910032837 20090713; DE200820011907U 20080909; DE200920008525U 20090620	H02N6/00; F24J2/04	SOLA TERM GMBH [DE]	Hagelschutz für einen Solarkollektor sowie Solarkollektor mit Hagelschutz
DE202009017846U U1 20100722	EP20090013296 20091021; DE200920001734U 20090211; DE200920017846U 20091021	F16M11/00; F24J2/52; H01L31/05	BAUERSACHS BERNHARD [DE]	Montagekonstruktion
DE202010000485U U1 20100715	DE201020000485U 20100329	F24J2/04	WUERZ ENERGY GMBH [DE]	Vorrichtung zum Betreiben einer Solarthermieranlage
DE202010000545U U1 20100722	DE201020000545U 20100409; DE200920004746U 20090428	F16B1/02; E04D13/18; F16B2/02; F16B7/04; F24J2/52; H01L31/05	KUMATEC SONDERMASCH B & KUNSTST [DE]	Befestigungseinrichtung für einen Holm oder eine Leiste an einem C-Profil
DE202010001142U U1 20100708	DE201020001142U 20100120	F16M11/18; F16M13/00; F24J2/54; H01L31/04	NUEBEL HUBERT [DE]	Trägersystem zum Aufbau von Solarmodulen, durch das die Module dem Verlauf der Sonne nachgeführt werden können
DE202010001332U U1 20100722	DE201020001332U 20100126	F24J2/08	PIENDL CHRISTIAN [DE]	Brennlinienkraftwerk

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DE202010003483U U1 20100715	DE201020003483U 20100225; DE200920012414U 20090911	F16M13/02; F24J2/52; H01L31/05	LEMKE MANFRED [DE]	Aufstellmechanismus von Solarpaneelen für feste und mobile Standorte
DE202010003529U U1 20100722	DE201020003529U 20100312	F24J2/36; F24J2/42	ERZ DAVID [DE]; I A AUTENRIETH KUNSTSTOFFTECHN [DE]	Solarkollektor und Schlauchführung
DE202010003834U U1 20100701	DE201020003834U 20100318	F16M11/00; F24J2/52; H01L31/05	NATURHAUS SOLAR GMBH [DE]	Freilandsolarmodul
DE202010003889U U1 20100715	DE201020003889U 20100315	F24J2/46; F24J2/51	DOLL HOLDING GMBH DR [DE]	Sonnenflachkollektor
DE202010004116U U1 20100812	DE201020004116U 20100316	F24J2/46	HITZLER WILFRIED [DE]	Vorrichtung zum Entfernen von zumindest Schnee- oder Eisbelag auf zumindest einem Sonnenkollektor
DE202010004809U U1 20100819	DE201020004809U 20100408	E04D13/18; F16M11/04; F16M13/00; F24J2/52	DAKU GMBH [DE]	Solarmodulgestellhalter Solarfix
DE202010005028U U1 20100708	DE201020005028U 20100415	F24J2/04	FREIMUND WOLFGANG [DE]	Thermischer Sonnenröhrenkollektor in modularer Flachbauweise
DE202010005305U U1 20100701	DE201020005305U 20100426	F24J2/24	SCHUECO INT KG [DE]	Absorber
DE202010005384U U1 20101014	DE201020005384U 20100505	F24J2/40	IFF KOLLMANNSEBERGER KG [DE]	Anschlussvorrichtung zum Anschliessen einer Wärmequelle an einen Wärmepumpenkreislauf
DE202010005385U U1 20100812	DE201020005385U 20100506	F16M13/00; F24J2/52	WISCHEMANN HEINRICH [DE]	Ständer eines Solarmoduls
DE202010005391U U1 20100729	DE201020005391U 20100506	F24J2/52; F16M13/00	GEROLD JUERGEN [DE]	Montagesatz für Solarmodule auf einer ebenen Fläche

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DE20201000554 7U U1 20100902	DE201020005547U 20100602	F16D11/00; F24J2/54; H01L31/04	INFINITA DEV GMBH [CH]	Ringförmiges Rad-Schiene-System
DE20201000554 8U U1 20100930	DE201020005548U 20100602	H01L31/04; F16M11/20; F24J2/54; G05D3/00	INFINITA DEV GMBH [CH]	Antriebsanordnung für eine der Sonne nachführbare Photovoltaikanlage
DE20201000556 3U U1 20100902	DE201020005563U 20100604	F24J2/52; F16M13/00	SCHUECO INT KG [DE]	Montagevorrichtung für Solarkollektoren
DE20201000557 9U U1 20100902	DE201020005579U 20100608	F24J2/42	HOFFER ANDREAS MARTIN [DE]; HOFFER MICHAEL [DE]	Wärmekollektormodul zur deckseitigen Montage auf einer Dachplatte
DE20201000561 2U U1 20100902	DE201020005612U 20100610	E04D13/18; F16B5/02; F24J2/52	BAUR JAN HENRIK [DE]	Dachbefestigung
DE20201000580 6U U1 20100930	IT2010RM00032U 20100305	E04D13/18; H01L31/042; H01L31/052	ISTITUTO RICERCHER PER LO SVILUPPO [IT]	Bedachungselement für Gebäude mit eingebauter Vorrichtung zur Erzeugung von elektronischer Energie
DE20201000603 0U U1 20100722	DE201020006030U 20100424	F16L59/16; F24J2/46	EISENHÄUER MICHAEL [DE]	Luftdichtungsmanschette für den Wellrohranschluss an einem Sonnenenergie-Kollektor
DE20201000615 5U U1 20100812	DE201020006155U 20100428	G09B23/06; F24J2/00	PAUL CHRISTIANI GMBH & CO KG D [DE]	Schulungsstand Hybridkollektor zu Lehrsystem Wärmepumpe und Solarthermie
DE20201000622 9U U1 20100812	DE201020006229U 20100429	F24J2/32	WIEDEMANN SVEN [DE]	Profilrohrsammler
DE20201000633 4U U1 20100805	DE201020006334U 20100503	F24J2/40	MELZER CHRISTOPH [DE]	Wärmetechnische Anlage

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DE20201000637 7U U1 20100805	DE201020006377U 20100503	F16M13/02; F16M11/00; F24J2/52; H01L31/05	ABAKUS SOLAR AG [DE]	Unterkonstruktion für Solaranlage
DE20201000639 3U U1 20100805	DE201020006393U 20100506	F24J2/46	SWOROWSKI SERGEJ [DE]	Thermobox zur Gewinnung und Speicherung von Sonnenenergie
DE20201000641 0U U1 20100805	DE201020006410U 20100316	F16M11/00; F24J2/52; H01L31/05	RICHARD BRINK GMBH & CO KG [DE]	Bausatz einer Halteeinrichtung für Solarelemente
DE20201000644 2U U1 20100819	DE201020006442U 20100504	F16M13/02; F16M11/00; F24J2/52; H01L31/05	IDEEMATEC DEUTSCHLAND GMBH [DE]	Gestell zur Befestigung von Solarmodulen
DE20201000644 3U U1 20100805	DE201020006443U 20100504	F16M13/02; F16M11/00; F24J2/52; H01L31/05	IDEEMATEC DEUTSCHLAND GMBH [DE]	Vorrichtung zur Aufständerung von Solarmodulen
DE20201000646 1U U1 20100819	DE201020006461U 20100505	F24J2/42	MOTIEE TEHRANI MEHRAN [DE]	Eurosolardach
DE20201000661 3U U1 20100812	EP20100000453 20100119	F24J2/52; F16M13/00	HAFENBAHN GMBH & CO KG [DE]	Platte zur Errichtung einer Vorrichtung zur Anordnung von Solarpaneelen und/oder Wärmekollektoren auf einem Untergrund sowie eine daraus errichtete Vorrichtung
DE20201000677 1U U1 20100826	DE201020006771U 20100514; DE201020000993U 20100114	F16B5/02; F24J2/52	VM EDELSTAHLTEC HNIK GMBH [DE]	Vorrichtung zur Befestigung von Bauteilen

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DE20201000679 2U U1 20100805	DE201020006792U 20100514	G02B5/10; F24J2/12	DRESSEL PHILIPP [DE]; EDER ANNA [DE]; KLING MARIE [DE]; VOGT VICTOR [DE]; VOELKER LAVINIA [DE]; WECKLER JOACHIM [DE]; WEISSERMEL PHILIP [DE]	?berdruckgesteuerter Hohlspiegel
DE20201000687 7U U1 20100805	DE201020006877U 20100517	F24J2/52; F16M13/00	ALTEC SOLARTECHNIK AG [DE]	Vorrichtung zur mechanischen Sicherung eines Solarmoduls
DE20201000713 9U U1 20100902	DE201020007139U 20100526	F24J2/52; F16M13/00	GREEN FACTORY GMBH [DE]	Vorrichtung zur Befestigung eines Moduls zur Nutzung von Sonnenenergie
DE20201000721 0U U1 20101007	AT20090000329U 20090526	F24H1/18; F24H9/14	GPG GEBAEUDETECH NIK GMBH [AT]	Warmwasserbereiter
DE20201000735 0U U1 20100902	DE201020007350U 20100528	F24J2/14	TAUBITZ VOLKER [DE]	Parabolrinnenkollektor
DE20201000739 2U U1 20100902	DE201020007392U 20100526	F24J2/52; E04D13/18	MOUNTING SYSTEMS GMBH [DE]	Profilschiene, Indachgestell für gerahmte Solarmodule sowie Solarmodulanordnung
DE20201000751 2U U1 20100909	DE201020007512U 20100602	F24J2/00; F24J2/14	GRENZEBACH BSH GMBH [DE]	Vorrichtung zur solarthermischen Erzeugung von Prozesswärme

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DE20201000756 4U U1 20100930	DE201020007564U 20100604	F24J2/46	GSCHWENDTNER JOSEF [DE]; VOGLSINGER ANTON [DE]; VOGLSINGER JUN [DE]	Reinigungsvorrichtung und Reinigungsanlage für thermische Solaranlagen und Photovoltaikanlagen
DE20201000762 2U U1 20100916	DE201020007622U 20100604; DE200920015289U 20090918	F24J2/52; F03D11/00; F16M13/00	FM KUNSTSTOFFTECHNIK GMBH [DE]	Verbindungselement für eine Halterung für ein regeneratives Energiemodulsystem
DE20201000768 1U U1 20101007	DE201020007681U 20100608; DE200920015593U 20091116	E04D13/00; E04D13/18	KOENGENER ASSET MAN UG [DE]	Dachhaken
DE20201000774 1U U1 20100826	DE201020007741U 20100603	F16M13/02; F24J2/52	PIETRZAK ARND [DE]	Modulklemme für Solarmodule
DE20201000793 5U U1 20100930	DE201020007935U 20100629	F16M11/20; F24J2/54; H01L31/04	INFINITA DEV GMBH [CH]	Traggestell für eine nachgeführte Solaranlage
DE20201000838 9U U1 20101111	DE201020008389U 20100827	F16S3/04; F24J2/52	IBC SOLAR AG [DE]	Vorrichtung zum Befestigen einer Tragschiene
DE20201000848 2U U1 20101125	DE201020008482U 20100908	F24J2/52; H01L31/05	IBC SOLAR AG [DE]	Verstärkung eines Flächenelements mit Rahmen
DE20201000852 1U U1 20101111	DE201020008521U 20100913	H01L31/058; F24J2/00	GRIMM CLAUS PETER [DE]	Solarer Hybridkollektor zur Erzeugung elektrischer und/oder thermischer Energie
DE20201000965 1U U1 20101014	DE201020009651U 20100629	F24J2/54	KARK AG [DE]	Schwenkmechanik für ein Solarpaneel
DE20201000983 2U U1 20100916	DE201020009832U 20100703	F16C11/04; F24J2/54	SKF AB [SE]	Lageranordnung und Solaranlage

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DE20201001012 9U U1 20101014	DE201020010129U 20100121	F24J2/46; F24J2/42; H01L31/042	LUTZENBERGER HELMUT [DE]	Solar-Energie-Module ringsum mit flexiblen Abschluss-Leisten, Marder-Kabelbiss-Eindring-Sperren Blitz-Erdung, UV-Kabelschutz, Werbefläche-Design, Kupfer-Anti-Moos-Schutz
DE20201001014 0U U1 20101111	IT2009MI00238U 20090715	F24J2/52; F16M13/00	ROJ S R L [IT]	Perfektionierte schwenkbare Stütze für Solarpaneele
DE20201001054 1U U1 20101021	DE201020010541U 20100722	F24J2/46	GANTENHAMME R VINZENZ [DE]	Vorrichtung zur Reinigung von auf einer Fläche angeordneten Solarmodulen
DE20201001064 8U U1 20101209	DE201020010648U 20100726	E04D13/14; E04D13/18; F24J2/52; H01L31/04	STAUDT JOSEF [DE]	Schutzelement zur Anordnung an einem mit Abstand zu einer Dachfläche montierten Bauelement
DE20201001083 5U U1 20101104	DE201020010835U 20100729	F24J2/24	XPERTEC GMBH [DE]	Vollaluminiumabsorber zur Wörmeerzeugung aus Sonnenlicht zur Anwendung bei Solarkollektoren
DE20201001085 8U U1 20101021	DE201020010858U 20100730	E04D13/18; F24J2/52	ETANCO GMBH [DE]	Befestigungsvorrichtung für Anlagen auf Trapez- oder Wellblechdächern oder Trapez- oder Wellblechfassaden
DE20201001096 9U U1 20101021	DE201020010969U 20100730	F16M13/00; F24J2/52	PIETRZAK ARND [DE]	Modulklemme für Solarmodule
DE20201001123 5U U1 20101021	DE201020011235U 20100809	F16B5/06; F16B2/06; F24J2/52; H01L31/05	SULFURCELL SOLARTECHNIK GMBH [DE]	Klemmeinrichtung und Solarmoduleinheit
DE20201001131 9U U1 20101021	DE201020011319U 20100812	F16M13/00; F24J2/52	IFB RE ENERGY GMBH [DE]	Solarmodul-Unterkonstruktion
DE20201001227 2U U1 20101125	DE201020012272U 20100907; DE200920012226U 20090910; DE200920011880U 20090910	F24J2/52; F16M13/00; H01L31/05	SCHUECO INT KG [DE]	Modulanordnung aus Solarmodulen

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DE20201001247 5U U1 20101230	DE201020012475U 20100910	F24J2/52; E04D13/18; F16M13/00; F16S1/06	BFU FIXING GMBH [DE]	Variabler Trapezblechhalter
DE20201001255 9U U1 20101216	DE201020012559U 20100911	E04D13/18; F24J2/42; F24J2/52; H01L31/05	SOLON SE [DE]	Solares Umkehrdach
DE20201001272 6U U1 20101118	DE201020012726U 20100914	F24J2/02	HENRICH MATTHIAS [DE]	Fresnel-Linse Solarkocher mit Umlenkspiegel
DE20201001379 6U U1 20101202	DE201020013796U 20100930	F16M11/08; F16M11/18; F24J2/54	ELL ANDREAS [DE]; ELL ILONA [DE]	Tragkonstruktion f³r Solarmodule
DE20201001388 3U U1 20101202	DE201020013883U 20101002	F24J2/46; B08B3/12	RAUSCH RAINER [DE]	Reinigungsvorrichtung f³r einen Solarkollektor
DE20201001397 6U U1 20101216	DE201020013976U 20101006	F16B9/02; F24J2/52; H01L31/05	WEMEFA HORST CHRISTOPEIT GMBH [DE]	Befestigungsvorrichtung zur l-sbaren Halterung von plattenf³rmigen Modulen
DE20201001426 4U U1 20101216	DE201020014264U 20101013	F24J2/04; F16L55/07	PAW GMBH & CO KG [DE]	Vorrichtung zum Entl³ften eines drucklosen F³ssigkeitskreislaufes
DE20201001436 8U U1 20101216	DE201020014368U 20101015	F24J2/16	CHEN JUN	Solar-Reflektor
DK200900747 A 20101112	DK20090000747 20090427	F24J2/02	GNIDNINGSVAR ME & HULSPEJLE MM V SOEREN VASE STAGE [DK]	Koge, stegemaskine (k³kkenredskab)
DOP201000029 0 A 20101115	US20080062999 20080404		COLGATE PALMOLIVE CO [US]	RECIPIENTE DE POLIESTER MOLDEADO POR INSUFLACION DE AIRE COMPRIMIDO CON UNA CAPA TERMOPLASTICA SOBREMOLDEADA

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EA200970984 A1 20100630	FR20070054606 20070420; WO2008FR50699 20080418	H01L31/048; E04D13/18; F24J2/52	ARCELORMITTA L STAINLESS AND NI [FR]; SOLARTE [FR]	STRUCTURE FOR MOUNTING A BUILDING WALL FRAMES FOR HOLDING PANELS SUCH AS PHOTOVOLTAIC PANELS
EE00956U U1 20100715	EE20090000109U 20091105	E04F17/04; F24F7/08; F24F12/00; F24J2/42	BLOHHIN ALEKSEI [EE]; LEHTSAAR ALEKSANDR [EE]	Mitmekorruselise korterelamu ventilatsiooni ³ steem
EP2201309 A2 20100630	WO2008US75737 20080909; US20070852854 20070910; US20080207346 20080909	H01L31/052; F24J2/06	BANYAN ENERGY INC [US]	COMPACT OPTICS FOR CONCENTRATION, AGGREGATION AND ILLUMINATION OF LIGHT ENERGY
EP2201310 A1 20100630	WO2008SE51182 20081021; SE20070002374 20071022	F24J2/52	LARSSON STEFAN [SE]	SOLAR ENERGY CONCENTRATOR
EP2202470 A1 20100630	DE200810063250 20081223	F24J2/40; G06Q50/00	NATCON7 GMBH [DE]	Method and system for use of renewable energy sources
EP2202483 A1 20100630	DE200810062914 20081224	G01C11/00; F24J2/40; G01W1/12	LUDES GEORG [DE]	Method for determining the energetic potential of photovoltaics and/or solar thermal arrays in built up areas
EP2203691 A1 20100707	WO2008DK00255 20080707; DK20070001008 20070707	F24J2/05	LUND MADSEN CARSTEN [DK]	SOLAR COLLECTOR PANEL WITH TEMPERATURE CONTROLLED BI-DIRECTIONAL AIRFLOW
EP2203692 A2 20100707	WO2008IL01214 20080910; US20070852595 20070910	F24J2/40	ZENITH SOLAR LTD [IL]	SOLAR ELECTRICITY GENERATION SYSTEM
EP2204624 A1 20100707	WO2008JP69449 20081027; JP20070286676 20071102	F24J2/18; G02B5/08	KONICA MINOLTA OPTO INC	SOLAR COLLECTING SYSTEM

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EP2206991 A2 20100714	US20090193966P 20090113; US20090654215 20091214	F24J2/10; F24J2/52	GUARDIAN INDUSTRIES [US]	Mounting brackets for mirrors, and associated methods
EP2206992 A2 20100714	IT2008PD00379 20081222	F24J2/52	FISCHERWERKE GMBH & CO KG [DE]	Anti-slip support device
EP2210275 A2 20100728	WO2008EP09418 20081107; DE200710054124 20071111	H01L31/0216; F24J2/46	MASSEN GMBH [DE]	SOLAR COLLECTOR
EP2210290 A1 20100728	WO2008US12612 20081107; US20070996273P 20071108; US20080071410P 20080428; US20080071411P 20080428; US20080071412P 20080428; US20080257158 20081023	H01L37/00	SUNRGI [US]	SOLAR CONCENTRATION AND COOLING DEVICES, ARRANGEMENTS AND METHODS
EP2211122 A1 20100728	EP20090075045 20090127	F24J2/52	MOUNTING SYSTEMS GMBH [DE]	Construction set for placing solar modules on stands
EP2212262 A2 20100804	WO2008FR52093 20081120; FR20070008192 20071122	C04B35/536; C04B35/52; F24J2/48; F28F21/02; H01M2/16; H01M8/10	UNIV PAUL SABATIER DE TOULOUSE [FR]; TOULOUSE INST NAT POLYTECH [FR]; CENTRE NAT RECH SCIENT [FR]	PROCESS FOR MANUFACTURING A THERMALLY AND/OR ELECTRICALLY CONDUCTING SOLID

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EP2212485 A1 20100804	WO2008NL50696 20081105; EP20070120054 20071106; EP20080846330 20081105	E04C2/52; F24J2/04	TNO [NL]	WALL OR FLOOR SYSTEM FOR A HOUSE OR BUILDING
EP2212563 A1 20100804	WO2009CA00631 20090507; CA20082628605 20080509	F04F1/14; F04F10/02; F24H1/08; F24H1/18; F24H7/04; F24J2/30; F24J2/44	HUAZI LIN [CA]; W & E INTERNAT CANADA CORP [CA]	SELF-POWERED PUMP FOR HEATED LIQUID, FLUID HEATING AND STORAGE TANK AND FLUID HEATING SYSTEM EMPLOYING SAME
EP2212625 A1 20100804	WO2008GB51082 20081118; GB20070022906 20071122	F24J2/10; G02B5/08	PILKINGTON GROUP LTD [GB]	SOLAR MIRROR
EP2212626 A1 20100804	WO2008US81036 20081023; US20070000358P 20071024; US20080257368 20081023	F24J2/38	ESOLAR INC [US]	CALIBRATION AND TRACKING CONTROL OF HELIOSTATS IN A CENTRAL TOWER RECEIVER SOLAR POWER PLANT
EP2212919 A1 20100804	WO2008EP63744 20081013; FR20070058350 20071016; FR20080052216 20080403	H01L31/042; F24J2/52	SAINT GOBAIN [FR]	IMPROVEMENTS TO LIGHT-COLLECTING ELEMENTS
EP2213960 A2 20100804	DE200920001071U 20090128	F24J2/52; H01L31/042	RALOS VERTRIEBS GMBH [DE]	Device for elevating solar modules
EP2213961 A2 20100804	DE200920001072U 20090128	F24J2/52; H01L31/042	RALOS VERTRIEBS GMBH [DE]	Device for elevating solar modules

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EP2215409 A1 20100811	WO2008US79003 20081006; US20070977592P 20071004; US20080025431P 20080201; US20080047086P 20080422	F24J2/00	SUNGEVITY [US]	SYSTEM AND METHOD FOR PROVISIONING ENERGY SYSTEMS
EP2217771 A2 20100818	WO2008IB02813 20081022; IT2007VE00077 20071023; IT2007VE00084 20071031; IT2008VE00026 20080327	E04D1/30; E04D1/34; F24J2/00; H01L31/048	MIND S R L [IT]	MODULAR ELEMENTS FOR BUILDING ROOFS
EP2217865 A1 20100818	WO2007US81838 20071018	F24J2/02; C23C14/00; C23C16/00	MIDWEST RESEARCH INST [US]	HIGH TEMPERATURE SOLAR SELECTIVE COATINGS
EP2217866 A2 20100818	WO2008EP09986 20081125; DE200710058182 20071204	F24J2/14; F24J2/18; F24J2/24; F24J2/46; F24J2/54; F25B27/00	FRAUNHOFER GES FORSCHUNG [DE]	SYSTEM FOR USE OF SOLAR ENERGY WITH A DEVICE FOR DISSIPATING HEAT TO THE ENVIRONMENT, METHOD FOR OPERATING SAID SYSTEM AND USE THEREOF
EP2217867 A1 20100818	WO2008US12611 20081107; US20070996273P 20071108; US20080071410P 20080428; US20080071412P 20080428; US20080071411P 20080428; US20080257235 20081023	F24J2/46	SUNRGI [US]	COMPOSITE MATERIAL COMPOSITIONS, ARRANGEMENTS AND METHODS HAVING ENHANCED THERMAL CONDUCTIVITY BEHAVIOR

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EP2217875 A2 20100818	WO2008EP09102 20081028; DE200710054429 20071113	F28D20/00; F24J2/42; F28D20/02; F28F27/00	KRONES AG [DE]	BREWING PROCESS AND BREWERY INSTALLATIONS
EP2218845 A2 20100818	DE200910009219 20090217	E04D13/18; F24J2/52	3A TECHNOLOGY & MAN AG [CH]	Profile assembly, system with at least one profile assembly
EP2218978 A1 20100818	EP20090153046 20090217	F24J2/07; F22B1/00	COCKERILL MAINTENANCE & INGENI [BE]; ABENGOA SOLAR NEW TECHNOLOGIES [ES]	Flag heat exchanger
EP2218980 A2 20100818	DE200910008548 20090212	F24J2/38	HENDRIK MEYER [DE]	Support device, control device and method for supporting the generation of energy from sunlight
EP2220426 A1 20100825	WO2008EP09209 20081031; DE200710052670 20071105; DE200810020587 20080424	F21S9/04; F03D1/04; F03D9/00; F03G7/04; F21S8/08; F24J2/54; H02J7/35	ZUMTOBEL LIGHTING GMBH [DE]	LAMP USING UPDRAFT FOR ENERGY SUPPLY
EP2220442 A1 20100825	WO2008US84402 20081121; US20070949295 20071203	F24J2/04	UNIV CALIFORNIA [US]	SOLAR THERMAL ENERGY COLLECTOR
EP2221552 A2 20100825	US20090388500 20090218; US20090473240 20090527; US20090611842 20091103	F24J2/06; F24J2/14; F24J2/54	PALO ALTO RES CT INC [US]	Rotational Trough Reflector Array with Solid Optical Element for Solar-Electricity Generation

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EP2221554 A1 20100825	WO2008RU00686 20081106; RU20070141458 20071112	F24J2/06; F24J2/46	KARNAUKHOV ALEKSEI VALERYEVICH [RU]	SOLAR ENERGY CONCENTRATOR
EP2221558 A1 20100825	WO2008ES00624 20081003; ES20070002720 20071004	F24J2/54; F24J2/14	ALBIASA COLLECTOR TROUGH S L [ES]	BEAM, METHOD FOR SECURING MIRROR-SUPPORTING ARMS TO THE BEAM, FRAME AND METHOD FOR PRODUCING THE BEAM FORMING PART OF A CYLINDRICAL PARABOLIC SOLAR COLLECTOR
EP2223019 A1 20100901	WO2008US85049 20081126; US20070004377P 20071126	F24J2/38	ESOLAR INC [US]	HELIOSTAT ARRAY LAYOUTS FOR MULTI-TOWER CENTRAL RECEIVER SOLAR POWER PLANTS
EP2223175 A1 20100901	WO2008EP10469 20081210; DE200710061153 20071217	G02B5/09; B21C23/00; F21V7/04; F21V7/22; F24J2/10	ERBSLOEH ALUMINIUM GMBH [DE]	FRESNEL MIRROR AND METHOD FOR THE PRODUCTION THEREOF
EP2223345 A1 20100901	WO2008EP09028 20081024; NL20072001092 20071214	H01L31/042; E04D13/18; F24J2/52	RENUSOL GMBH [DE]	SUPPORT FOR A SOLAR PANEL
EP2224185 A1 20100901	DE200810044380 20081205; DE200910026085 20090701; DE200910026169 20090714; DE200910025947 20090610	F24J2/52; H01L31/042	CLIMASOL SOLARANLAGEN GMBH [DE]	Clamp connection (form closure)
EP2225178 A1 20100908	WO2008SE00685 20081205; SE20070002730 20071207	C02F1/02; F24J2/34; F24J2/44; F24J2/46	WADSTROEM PETRA [SE]	CONTAINER FOR PURIFICATION OF WATER BY SUNLIGHT
EP2226591 A1 20100908	IT2009CO00003 20090303	F24J2/05; F24J2/26; F24J2/46; F24J2/50	SAPORITO SANTOLO [IT]	Flat vacuum photo-thermal solar panel

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EP2226592 A1 20100908	EP20090003118 20090304	F24J2/14; F24J2/54	HAWE HYDRAULIK SE [DE]	Electrohydraulic tracking device for a solar generator
EP2227324 A1 20100915	WO2008FR01606 20081114; FR20070008031 20071116; FR20080000384 20080125	B01J19/12; B01J8/00; B01J8/44; B01J19/08; B01J19/10; B01J19/18; B01J19/20; C10J3/02; C10J3/20; C10J3/54; F24J2/00	UGOLIN NICOLAS [FR]	METHOD USING SOLAR ENERGY, MICROWAVES AND PLASMAS FOR PRODUCING A LIQUID FUEL AND HYDROGEN FROM A BIOMASS OR FOSSIL COAL
EP2227661 A2 20100915	WO2008SE51311 20081114; SE20070002518 20071116	F24J2/08; F24J2/05; F25B27/00	INTERMULTILOK K AB [SE]	SOLAR THERMAL HEATING
EP2228611 A1 20100915	EP20090002418 20090223	F24J2/08; F24J2/20; F24J2/50	REIDY NEIL [IE]	Solar panel
EP2229560 A1 20100922	WO2008DK00368 20081020; DK20070001795 20071215; WO2008DK00022 20080122	F24J2/04	HELIOPOWER AS [DK]	PANEL FOR COLLECTING SOLAR ENERGY FROM A BITUMINOUS SURFACE COVERING ON A BUILDING HEATED BY SOLAR RADIATION
EP2229561 A2 20100922	WO2009IB06944 20090923; IT2008MI01716 20080926	F24J2/04; F24J2/05; F24J2/26	TVP SOLAR S A [CH]	VACUUM SOLAR THERMAL PANEL
EP2230362 A2 20100922	DE200910014323 20090321	E04D13/18; F24J2/00; H01L31/048	HADWIGER ULF PETER [DE]	Cover element
EP2230469 A2 20100922	DE200920003862U 20090319	F24J2/52; E04D13/18; H01L31/048	MOUNTING SYSTEMS GMBH [DE]	Support device for functional structures on roofs

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EP2230694 A2 20100922	EP20020789682 20021115; US20010993875 20011116; US20020380862P 20020517	H01L31/042; H01L31/048; H01L31/05	FIRST SOLAR INC [US]	Photovoltaic array
EP2231952 A1 20100929	WO2008HU00141 20081128; HU20070000778 20071204	E04C2/52; F24J2/04; F28D20/00	BARKANYI TAMAS [HU]	BUILDING STRUCTURE WITH ACTIVE HEAT INSULATION
EP2232162 A2 20100929	WO2008EP10467 20081210; EP20070023874 20071210; EP20080860634 20081210	F24J2/00; F24J2/04; F24J2/34	BOURNE STEPHEN GLYN [HK]	WALL OR ROOF OF A BUILDING WITH AT LEAST ONE HEAT CONTROLLING ELEMENT
EP2233665 A1 20100929	FR20090051208 20090226; FR20090053864 20090611	E04H6/02; E04B7/02; E04B7/20; F24J2/04	RAVOYARD HOLDING [FR]	Modular construction
EP2233738 A1 20100929	WO2008RU00807 20081229	F03D9/00; F01D5/00; F01D9/00; F24J2/22	KIKNADZE GENNADY IRAKLIEVICH [RU]	CONVERTER AND AN ENERGY CONVERSION METHOD, A TORQUE FLOW PUMP AND A TURBINE
EP2233859 A1 20100929	WO2008ES00801 20081226; ES20070003464 20071228	F24J2/14; F24J2/10; F24J2/52; F24J2/54	TECNOLOGIA SOLAR CONCENTRADO RA [ES]	SOLAR ENERGY CONCENTRATOR/COLLECTOR DEVICE
EP2234173 A2 20100929	TW20090204738U 20090326	H01L31/042	SINTEK PHOTRONIC CORP [TW]	Combined frame for a photovoltaic module

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EP2234174 A2 20100929	DE200920004150U 20090327; EP20090009989 20090803; EP20100002868 20100318	H01L31/048; E04D13/18; F24J2/52	NATURHAUS SOLAR GMBH [DE]	Roof covering system for solar modules
EP2235580 A1 20101006	WO2008IL01585 20081204; IL20070187890 20071204	G02B26/08; F24J2/18	CONVERTPOWE R LTD [IL]	A NOVEL METHOD OF DESIGNING AND PRODUCING REFLECTORS FOR RECEIVING/TRANSMITTING ENERGY AND REFLECTORS PRODUCED BY THIS METHOD
EP2236955 A1 20101006	EP20090155866 20090323	F24J2/10; F24J2/18; F24J2/54; H01L31/052	METZLER RICHARD [DE]	Photovoltaic unit
EP2236956 A1 20101006	EP20090004803 20090401	F24J2/38	DEGER ARTUR [DE]	Solar assembly alignment tool
EP2238392 A2 20101013	WO2009DE00140 20090130; DE200810007334 20080202	F24J2/52; F24J2/04; H01L31/042; H01L31/048	SCHOTT SOLAR GMBH [DE]; WURSTER WALTER GMBH [DE]	FASTENING SYSTEM FOR A PLATE-SHAPED STRUCTURAL ELEMENT
EP2238393 A2 20101013	WO2008EP04399 20080603; DE200810006106 20080125	F24J2/52	SOLARMARKT AG [DE]	SOLAR MODULE FASTENING SYSTEM
EP2238394 A2 20101013	WO2008EP67257 20081210; US20070001559 20071211	F24J2/54; H01L31/042	LASEN DEV LLC [US]	SOLAR-PANEL UNIT
EP2239086 A1 20101013	DE200910016805 20090409	B23K26/24; B23K26/32; C04B37/02; F24J2/26; F24J2/46	ALANOD ALUMINIUM VEREDLUNG GMB [DE]	Process for laser welding of composite materials with a component and composite material suitable for such a method
EP2239388 A1 20101013	EP20090004529 20090330	E04B1/76; F24J2/04; F24J2/34	KALZIP GMBH [DE]	Building component based on a phase change material
EP2239525 A1 20101013	EP20090004819 20090401	F24J2/24; F24J2/46	GREENONETEC [AT]	Closing cap

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EP2240728 A2 20101020	WO2008DE02019 20081208; DE200710059650 20071210	F24J2/04; F24J2/52; H01L31/05; H01L31/058	HABEL THOMAS [DE]	PHOTOVOLTAIC MODULAR DEVICE
EP2241691 A2 20101020	BG20090110369 20090416	E04B1/14; E04B2/92; E04C2/24; E04C2/52; F24J2/04	RADUSHEV RADOSLAV YANKOV [BG]; RADUSHEV YAVOR RADOSLAVOV [BG]	Fasade thermal wall and a method for its construction
EP2241841 A1 20101020	EP20090005506 20090417	F24J2/04; F24J2/46; F24J2/51; F24J2/52	SUMIKA POLYMER COMPOUNDS FRANC [FR]	Moulded insulating collector
EP2242112 A2 20101020	DE200920004150U 20090327	H01L31/048; E04D13/18; F24J2/52	NATURHAUS SOLAR GMBH [DE]	Roof covering system for solar modules
EP2242961 A2 20101027	WO2009IB00055 20090114; US20080021091P 20080115; US20090144238P 20090113	F24J2/52	NOLARIS SA [CH]	PHOTOVOLTAIC SOLAR ISLAND
EP2243862 A2 20101027	DE200910018554 20090424	C23C18/12; F24J2/48	ZYRUS BETEILIGUNGSG MBH & CO PA [DE]	Solar absorber coating and method for producing such a solar absorber coating
EP2243901 A2 20101027	DE200910017337 20090414	E04H6/02; E04D13/04; F24J2/52	WIDMAYR JOSEF [DE]	Support frame, frame and carport constructed with same
EP2244032 A2 20101027	DE200910018520 20090424	F24J2/05; F24J2/26; F24J2/46; F24J2/50	IP BEWERTUNGS AG [DE]	Solar collector and method for manufacturing such a solar collector
EP2244033 A1 20101027	EP20090425156 20090424	F24J2/14; G02B5/08; G02B5/10; G02B7/183	RONDA SPA [IT]	Reflecting panel with dielectric reflective coating and method for the manufacturing thereof

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EP2245208 A2 20101103	IT2008RM00113 20080229; WO2009IT00021 20090128	C23C14/06; C23C14/34; F24J2/48	AGENZIA NAZ PER LE NUOVE TECNO [IT]	METHOD FOR PRODUCING A CERMET-BASED SPECTRALLY SELECTIVE COATING AND MATERIAL THUS OBTAINED
EP2245320 A1 20101103	WO2008EP06444 20080806; DE200810010884 20080225	F16B11/00; F24J2/52	FLAGSOL GMBH [DE]	ASSEMBLY METHOD
EP2245380 A1 20101103	WO2009SE50120 20090206; SE20080050011 20080207	F24J2/04	SOLTECH ENERGY SWEDEN AB [SE]	SOLAR ENERGY SYSTEM
EP2245381 A1 20101103	WO2009FR50095 20090123; FR20080050615 20080131	F24J2/20; F24J2/04; F24J2/46	MAGNIER PATRICK CLAUDE HENRI [FR]	HEAT EXCHANGE PANEL, METHOD FOR MAKING SAME AND DEVICE FOR COVERING A BUILDING
EP2245382 A2 20101103	WO2008GB02943 20080829; GB20070016811 20070829	F24J2/32	CCT HINCKLEY LTD [GB]	SOLAR COLLECTOR
EP2245383 A1 20101103	WO2009FI00004 20090109; FI20080000020 20080110	F24J2/36; E04D13/18; F24J2/04; F24J2/24	SETAELAE SEPPO [FI]	COLLECTION SYSTEM FOR HEAT ENERGY
EP2245384 A1 20101103	WO2008EP06491 20080807; DE200810011547 20080228	F24J2/38; F24J2/54; G05B13/00; G05D3/10	FLAGSOL GMBH [DE]	SELF-LEARNING SOLAR COLLECTOR ORIENTATION CONTROL SYSTEM
EP2245385 A2 20101103	NL20082001271 20080208; WO2009NL50056 20090209; NL20082001908 20080822	F24J2/40	VERENIGING VU WINDESHEIM [NL]	REFLECTING DEVICE, SOLAR COLLECTOR, PITCHED ROOF PROVIDED WITH A SOLAR COLLECTOR OF THIS TYPE, AND GREENHOUSE

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EP2246643 A2 20101103	DE200910019246 20090430	F24J2/46	VAILLANT GMBH [DE]	Solar assembly with drain back system and a method for operating same
EP2246644 A2 20101103	DE200910016618 20090408	F24J2/48	CT TEC COMPOSITES GMBH [DE]	Absorber for a solar collector and corresponding solar collector
EP2246645 A2 20101103	AT20090000662 20090430	F24J2/52	VAILLANT GMBH [DE]	Attachment device
EP2246904 A1 20101103	WO2008ES00763 20081205; ES20080000242 20080130	H01L31/052; F24J2/40	ABENGOA SOLAR NEW TECHNOLOGIES [ES]	LOW CONCENTRATION SOLAR PLANT AND METHOD FOR MAXIMIZING THE ELECTRICITY PRODUCTION OF THE PHOTOVOLTAIC MODULES THEREOF
EP2248187 A2 20101110	IT2008BO00041 20080123; WO2009IB00111 20090122	H01L31/052; F24J2/10	CPOWER S R L [IT]	SUNLIGHT CONCENTRATOR FOR A PHOTOVOLTAIC GENERATION SYSTEM
EP2248196 A2 20101110	WO2009EP51625 20090212; DE200810011984 20080229	H01L35/30; F24D17/00	FLEXX TECHNOLOGIES GMBH O [DE]	THERMOGENERATOR
EP2248613 A1 20101110	FR20090002085 20090429	B21D11/07; F24J2/24	DABRIGEON MARK [FR]	Method and apparatus for manufacturing a serpentine
EP2249100 A1 20101110	EP20090382066 20090508	F24J2/10; F24J2/46	RIOGLASS SOLAR S A [ES]	Device and method for protecting solar reflectors
EP2249102 A2 20101110	DE200910020530 20090508	F24J2/52; F16B2/06; F16B7/04	FISCHERWERKE GMBH & CO KG [DE]	Connector for a profile rail
EP2249103 A2 20101110	DE200920006082U 20090428	F24J2/54	PIETRZAK ARND [DE]; SOLAR INTEGRATED TECHNOLOGIES [DE]	System for single axle guidance of a number of energy conversion modules according to the position of the sun

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EP2250447 A1 20101117	AU20080900121 20080111; WO2009AU00022 20090108; AU20080906451 20081215	F24H1/18; F24J2/40	COOL OR COSY ENERGY TECHNOLOGY [AU]	TEMPERATURE CONTROL FOR A SOLAR COLLECTOR
EP2251620 A2 20101117	IT2009BS00083 20090507	F24H9/12; F24J2/34; F28D20/00	FIVE T S R L [IT]	Method and system for accumulating in layers and circulating hot water
EP2252839 A2 20101124	WO2009EP51222 20090204; DE200810011983 20080229	F24J2/00	FLEXX TECHNOLOGIES GMBH O [DE]	THERMAL SOLAR SYSTEM
EP2252840 A2 20101124	US20080066375P 20080220; WO2009US00988 20090217	F24J2/05; F24J2/46; F24J2/48	CORNING INC	SOLAR HEAT COLLECTION ELEMENT WITH GLASS- CERAMIC CENTRAL TUBE
EP2253024 A1 20101124	WO2009EP51742 20090215; EP20080151538 20080215; EP20090709703 20090215	H01L31/058; E04D13/18; F24J2/04; F24J2/24	PANOTRON AG [CH]	Energy supply device with energy panels in the form of roof tiles
EP2253737 A1 20101124	DE200910022059 20090520	C23C28/00; F24J2/07; F24J2/46; F24J2/48; G02B5/00; H01L31/0216	SCHOTT SOLAR AG [DE]	Radiation-selective absorber coating and absorber tube with radiation-selective absorber coating
EP2253901 A1 20101124	EP20090160837 20090520	F24J2/46	SUNTOP SOLAR ENERGY CO LTD [TW]	Cleaning apparatus for solar panels
EP2253902 A2 20101124	DE200920007516U 20090520	F24J2/52; H01L31/048	TRIENERGY GMBH [DE]	Component set for fitting solar modules on a roof
EP2253903 A2 20101124	DE200910021406 20090514	F24J2/54	SUNFLOW AG [DE]	Device for securing and tracing photovoltaic modules

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EP2255122 A1 20101201	WO2008US06660 20080523; US20080064351P 20080229	F16M11/12; F03G6/06; F24J2/06	CBE GLOBAL HOLDINGS INC [US]	MULTI-AXIS METAMORPHIC ACTUATOR AND DRIVE SYSTEM AND METHOD
EP2255123 A2 20101201	WO2009US00825 20090210; US20080136964P 20081017; WO2008US06660 20080523; US20080064351P 20080229	F16M11/18; F16M11/10; F16M11/42; F24J2/52; H01L31/04	CBE GLOBAL HOLDINGS INC [US]	SINGLE-AXIS DRIVE SYSTEM AND METHOD
EP2255136 A2 20101201	WO2009EP51900 20090218; DE200810010314 20080221	F24J2/46; F24J2/10	GERBRACHT HEINER [DE]	CONTAINER AND SOLAR-GENERATED POWER PLANT
EP2255229 A1 20101201	WO2009GB00487 20090223; GB20080003551 20080226	G02B3/08; F24J2/08	MICROSHARP CORP LTD [GB]	PRISMATIC LENS
EP2256267 A1 20101201	DE200920007218U 20090520	E04F13/14; E06B7/10; F24J2/04	ALTEC SOLARTECHNIK AG [DE]	Assembly for energy saving ventilation of buildings with airflow between panes of glass front element
EP2256353 A2 20101201	DE200910023021 20090528	F16B7/04; F24J2/52	ADENSIS GMBH [DE]	Clamp connection for module rails on photovoltaic assemblies
EP2256428 A1 20101201	EP20090382082 20090526	F24J2/05; F24J2/14	ARIES INGENIERIA Y SIST S S A [ES]	Irradiated energy collector device
EP2256429 A1 20101201	EP20090380111 20090526	F24J2/07; F24J2/50	SENER INGENIERIA Y SIST S S A [ES]	Quartz window system for the closure of a solar receiver
EP2256430 A1 20101201	EP20090006779 20090520	F24J2/10; F24J2/24; H01L31/058	MUELLERS HORST [DE]	Assessing and transmitting energy waves
EP2256431 A1 20101201	EP20090006791 20090520	F24J2/52; H01L31/042	ENPACO GMBH [CH]	Photovoltaic solar aggregate

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EP2256432 A2 20101201	DE200920007517U 20090520	F24J2/52; H01L31/042; H01L31/05	TRIENERGY GMBH [DE]	Stand for rectangular solar modules
EP2256433 A2 20101201	DE200910022746 20090526	F24J2/52	KIESELBACH SOLAR GMBH [DE]	Mounting device for solar assemblies
EP2256434 A2 20101201	IT2009MI00563 20090408	F24J2/54; H01L31/052; H01L31/058	DI DONATO ALFONSO [IT]	HEATING, AIR CONDITIONING, AIR TREATMENT USING PHOTOVOLTAIC PLANTS
EP2257745 A1 20101208	WO2008IB52509 20080624; IT2008MI00290 20080222	F24J2/14; F24J2/07; F24J2/26	GIORGETTI PAOLO [IT]; RIGANTI GIANMARIO [IT]	MODULAR UNIT FOR SOLAR ENERGY PANELS AND SOLAR ENERGY PANEL COMPRISING SAID UNIT
EP2257992 A2 20101208	WO2009US38496 20090327; US20080056791 20080327	H01L31/042	PANELCLAW INC [US]	SOLAR MODULE INTEGRATION SYSTEM
EP2258490 A2 20101208	DE200920008001U 20090605	B08B1/04; A46B13/06; F24J2/46	BERNDL GEORG [DE]	Device for cleaning surfaces of a construction
EP2260247 A2 20101215	WO2009BE00011 20090226; BE20080000110 20080226	F24J2/04	M ECO CVBA [BE]	LAYERED CONSTRUCTION WITH TUBE SYSTEM
EP2260248 A1 20101215	WO2009PL50002 20090227; PL20080384565 20080227	F24J2/46; F24J2/52	FAKRO PP SPOLKA Z O O [PL]	SIDE SECTION OF A BOX STRUCTURE
EP2261576 A2 20101215	DE200920007418U 20090525	F24J2/52	WEMEFA HORST CHRISTOPEIT GMBH [DE]	Fixing device for reversible mounting of board-shaped modules, in particular solar modules and photovoltaics modules
EP2261577 A2 20101215	DE200910024738 20090612	F24J2/52; H01L31/042	ADENSIS GMBH [DE]	Support frame for a photovoltaic open air assembly
EP2262002 A2 20101215	DE200920007525U 20090527	H01L31/042; E04H6/02; F24J2/52	ECCOSS GMBH [DE]	Device for supporting and fixing solar panels

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EP2262930 A2 20101222	WO2009NL00083 20090407; NL20081035265 20080407	C25D17/00; B65G17/20; B65G49/02; C25D17/06; C25D17/28; F24J2/46	MECO EQUIP ENG [NL]	METHOD AND DEVICE FOR PRODUCING SOLAR CELLS
EP2263049 A2 20101222	WO2009EP01470 20090302; DE200810014618 20080317	F24J2/10; F24J2/06; G02B5/04; G02B27/14	FRAUNHOFER GES FORSCHUNG [DE]	CONCENTRATOR FOR SOLAR RADIATION AND USE THEREOF
EP2264373 A2 20101222	IT2009MI00960 20090529	F24F5/00; F24J2/05; F24J2/26; F24J2/40	OLCESE MARCO [IT]	Compressor device for an air conditioning systems
EP2265550 A2 20101229	WO2009US40516 20090414; US20080124247P 20080415; US20080192061P 20080912; US20090209765P 20090311	C02F1/14; B01D1/00; F03G6/02; F24J2/04	COMBINED SOLAR TECHNOLOGIES LLC [US]	WATER RECLAMATION SYSTEM AND METHOD
EP2267320 A1 20101229	DE200910030799 20090627	F16B5/02	CONECTA GMBH [DE]	Fastening element
EP2267376 A2 20101229	EP20090013161 20040528; EP20040739443 20040528; DK20030000888 20030613	F24J2/46; F24J2/26; F24J2/51	VKR HOLDING AS [DK]	Solar collector
EP2267377 A1 20101229	DE200910024740 20090612	F24J2/52	ADENSIS GMBH [DE]	Feeder vehicle for an assembly machine for photovoltaic modules
EP2267378 A2 20101229	ES20090001043U 20090624; ES20100030593U 20100608	F24J2/52; E04D13/18	ACIEROID S A [ES]	Device for fixing installations to waterproofed covers
EP2267793 A1 20101229	FR20090003012 20090622	H01L31/042; E04D13/18; F24J2/52; H01L31/048	L & T PARTNERS [CH]	Attachment assembly for a panel

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ES1072404U U 20100707	ES20100030421U 20100504	F24J2/54	CASTELLSAGUE R LLOVERAS JOSEP [ES]	LUMINARIA
ES1072448U U 20100715	ES20100000441U 20100506	F24J2/38	SENDEKIA ARQUITECTURA E INGENI [ES]	PERGOLA SOLAR PARA APARCAMIENTO Y RECARGA DE BATERIA DE VEHICULOS ELECTRICOS
ES1072483U U 20100720	ES20070002032 20070720; ES20090050006U 20080718	H01L31/052; F24J2/50	BARROSO QUINONES ANTONIO [ES]	DISPOSITIVO PARA EL APROVECHAMIENTO DE LA ENERGIA SOLAR DE TIPO FOTOVOLTAICO
ES1072497U U 20100721	ES20100000323U 20100331	F24J2/30; F24H6/00	ENERGY PANEL S L [ES]	SISTEMA TERMODINAMICO DE DOBLE EVAPORACION
ES1072512U U 20100722	ES20100000440U 20100506	F24J2/20	ZAPICO MARTIN ALVARO [ES]	CAPTADOR SOLAR TERMICO DE PLASTICO RECICLADO
ES1072566U U 20100729	ES20100030524U 20100526	F24J2/52	MATRICERIA CAROLINENSE S L [ES]	DISPOSITIVO PARA LA FIJACION Y NIVELACION DE PLACAS SOLARES
ES1072637U U 20100811	ES20100030542U 20100528	F24J2/42; B62D63/06	EURO CRANE S A [ES]; GEN CUADROS ELECTRICOS SOLAR S	REMOLQUE DOTADO DE PLACAS FOTOVOLTAICAS
ES1072684U U 20100818	ES20090001727U 20091218	F24J2/38; F24J2/46	MARTIN MATEOS FRANCISCO [ES]; OROZCO GOMEZ FRANCISCO	DISPOSITIVO SOLAR
ES1072792U U 20100917	ES20100030727U 20100709	F24J2/04	TERMOPOWER S L [ES]	CONCENTRADOR SOLAR CILINDRICO PARABOLICO
ES1072840U U 20100927	ES20100030574U 20100604	F24J2/52	PRODUCCIONES MITJAVILA S A [ES]	DISPOSITIVO DE UNION DE PERFILES DESTINADOS AL SOPORTE DE CUBIERTAS

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ES1072843U U 20100929	ES20100000287U 20100316	F24J2/38	GARCELAN RODRIGUEZ ERNESTO [ES]; GARCIA DE MATEOS ALHAMBRA PEDRO	DISPOSITIVO SENSOR PARA SEGUIMIENTO SOLAR DOTADO DE FILTRO
ES1072877U U 20101001	ES20100000636U 20100528	F24J2/08	ORTEGA CASASNOVAS JULIO [ES]	CONVERTIDOR FOTOELECTRICO
ES1073129U U 20101028	ES20100030478U 20100517	F24J2/00	TECNOLOGIA E INNOVACION ENERGE [ES]	INSTALACION MODULAR EQUIPADA PARA RECARGAR VEHICULOS ELECTRICOS O HIBRIDOS DURANTE SU ESTACIONAMIENTO
ES1073220U U 20101123	ES20100030743U 20100715	F24J2/52	ROJ S R L [IT]	SOPORTE ORIENTABLE PERFECCIONADO PARA PANELES SOLARES
ES1073364U U 20101203	ES20100030825U 20100802	F24J2/38	JUGUETES PICO S L [ES]	ESTRUCTURA PORTANTE
ES1073422U U 20101210	ES20100000573U 20100604	F24J2/46	JIMENEZ HERVAS JUAN JESUS [ES]	PROTECTOR INTELIGENTE DE PANELES SOLARES
ES1073551U U 20101227	ES20100001020U 20101008	F24J2/52	TEULADES CUBIERTAS SOLARES S L [ES]	SOPORTE PARA LA INSTALACION DE APLICACIONES FOTOVOLTAICAS EN CUBIERTAS AISLANTES.
ES2292364 B1 20100924	ES20070000651 20061110	F24J2/32; F24J2/51; F25B27/00	INTERNAC MACRAL DE BANOS S L [ES]	CAPTADOR SOLAR DE DOBLE CIRCUITO TERMICO TERMODINAMICO PARA PRODUCCION DE FRIO Y CALOR.
ES2342330T T3 20100705	EP20070090080 20070423	F24J2/04; F24J2/52; H01L31/042; H01L31/048	MOUNTING SYSTEMS GMBH [DE][US]	DISPOSICION DE MODULOS SOLARES Y DE COLECTORES SOLARES (SOLARDACH F).
ES2342688T T3 20100712	DE200610024867 20060524	F16H1/22; F16H35/10; F16H57/02; F24J2/54	FLENDER TUBINGEN GMBH	DISPOSICION DE ACCIONAMIENTO CON DOS EJES.
ES2342749 A1 20100713	ES20070001939 20070710	F25B27/00; F24D17/00; F24D17/02; F24J2/04	CAPSOLAR CST S L [ES]	INSTALACION DE APROVECHAMIENTO DE ENERGIA SOLAR.

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ES2342760 A1 20100713	ES20090002351 20091217	F28D20/00; F24J2/34; F28F13/00	UNIV MADRID POLITECNICA [ES]	DISPOSITIVO DE INTERRUPCION TERMICA EN CONEXIONES A INTERCAMBIADORES DE CALOR
ES2342780T T3 20100714	AT20040001456 20040831	F24J2/10; F24J2/04; F24J2/05; H01L31/058	HADLAUER MARTIN	MODULO COLECTOR PARA LA GENERACION DE ENERGIA ELECTRICA Y TERMICA.
ES2342867 A1 20100715	ES20070003184 20071130	F24J2/54	CRUZ CASTRO RENOVABLES S L [ES]	SEGUIDOR SOLAR
ES2342924T T3 20100719	DE20011028237 20010611	H01L31/042; F24J2/52; H01L31/048	SIKA TECHNOLOGY AG	MODULO DE MONTAJE DE CELULAS SOLARES.
ES2343290 A1 20100727	ES20070002501 20070924	F24J2/46; F24J2/20; F24J2/52	PETRA INVENTUM [ES]	MEJORAS EN EL OBJETO DE LA PATENTE PRINCIPAL N. 200702501 POR "PANEL DE CERRAMIENTO ARQUITECTONICO COLECTOR DE ENERGIA SOLAR, Y CUBIERTA COLECTORA DE ENERGIA SOLAR TRANSITABLE"
ES2343395 A1 20100729	ES20070002297 20070817	F24J2/54	IND MECANICAS DE TUDELA S A [ES]	SEGUIDOR SOLAR PARA EQUIPOS PRODUCTORES DE ENERGIA.
ES2343766T T3 20100809	DE200710012543 20070313	F24J2/54	REISDORF WOLFGANG	DISPOSITIVO Y PROCEDIMIENTO PARA EL SEGUIMIENTO DE POR LO MENOS UN MODULO EN UNA INSTALACION DE MODULOS SOLARES.
ES2343825 A1 20100810	ES20080000002 20080102	F24J2/54	SENDEKIA ARQUITECTURA E INGENI [ES]	SEGUIDOR SOLAR A DOS EJES
ES2344311T T3 20100824	WO2006IB50941 20060328	F24J2/14; F24J2/18; F24J2/38; F24J2/54	CAPAN RAHMI OGUZ	SISTEMAS DE COLECTOR SOLAR PARABOLICO CON MEDIOS DE SEGUIMIENTO GIRATORIO.
ES2344492 A1 20100827	ES20060003326 20061229	F24J2/54; F24J2/38	HISPANOTRACK ER S L [ES]	MEJORAS INTRODUCIDAS EN LA PATENTE DE INVENCION P.200603326/3 POR: SEGUIDOR SOLAR BIDIRECCIONAL
ES2345078 A1 20100914	ES20080001211 20080417	F24J2/54	SUN NEST S L U [ES]	ESTRUCTURA PARA SEGUIDOR SOLAR Y PROCEDIMIENTO DE INSTALACION.
ES2345093 A1 20100914	ES20100090039 20071204	F24J2/24	UNIV PONTIFICIA COMILLAS ICAI [ES]	COLECTOR SOLAR

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ES2345379 A1 20100921	ES20090000764 20090320	F03G6/06; F24J2/07	ABENGOA SOLAR NEW TECHNOLOGIES [ES]	PLANTA SOLAR COMBINADA DE TECNOLOGIA DE AIRE Y VAPOR
ES2345427 A1 20100922	ES20100000644 20100519	F24J2/10; F24J2/54	UNIV MADRID POLITECNICA [ES]; UNIV NAC DE EDUCACION A DISTAN	DISPOSITIVO DE CONCENTRACION DE LA RADIACION SOLAR, CON ESPEJOS Y RECEPTOR LONGITUDINALES
ES2345759 A1 20100930	ES20100000717 20100601	F24J2/10; F24J2/24; F24J2/54	UNIV MADRID POLITECNICA [ES]; UNIV NAC DE EDUCACION A DISTAN	RECEPTOR PARA CENTRAL SOLAR CON ESPEJOS LONGITUDINALES
ES2346626 A1 20101018	ES20090001077 20090417	E04D13/18; E04B7/02; E04D3/00; F24J2/00; H01L31/042; H02N6/00	HYSOGEO CLEAN EN SL [ES]	EDIFICACION OPTIMIZADA PARA LA GENERACION DE ENERGIA SOLAR FOTOVOLTAICA EN CUBIERTA
ES2346629 A1 20101018	ES20100000935 20100720	F24J2/10; F24J2/54	UNIV MADRID POLITECNICA [ES]; UNIV NAC DE EDUCACION A DISTAN	CONCENTRADOR DE LA RADIACION SOLAR, CON ESPEJOS PARABOLICOS MULTIPLES INDEPENDIENTES
FI8896U U1 20101022	FI20100000089U 20100225	F24J2/36; F24J2/24	SALAKARI ANTERO [FI]	Aurinkoenergian kerõõjõ
FR2940664 A1 20100702	FR20080007523 20081231	E04D13/18; F24J2/52; H01L31/042	EN ECONOMIES SYSTEMES [FR]	Photovoltaic panels fixing profile for generating current, has maintenance units maintaining electrical connection device away from base of socle section and with rib placed on exterior face of flanks of fitting units of socle section
FR2941038 A1 20100716	FR20090000163 20090115	F24J2/10	CABARBAYE ANDRE JEAN MARIE PHILIPPE [FR]; CABARBAYE AURELIEN JEAN BAPTISTE [FR]	CONCENTRATEUR SOLAIRE STATIQUE OPTIMAL FORME EN SPIRALE ET MUNI DE MIROIRS

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FR2941251 A1 20100723	FR20090000262 20090120	E04D13/18; F24J2/52; H01L31/042	BEAUD GERARD [FR]	Photovoltaic solar panel assembling device for e.g. roof of industrial building, has laying plates and interior and exterior pliers for positioning and maintaining panel, where edges of plates are oriented perpendicular to laying planes
FR2941478 A1 20100730	FR20090000312 20090126	E04D13/18; F24J2/52; H01L31/042; H01L31/05	SYSTOVI [FR]	INSTALLATION DE PANNEAUX PHOTOVOLTAIQUES
FR2941521 A1 20100730	FR20090000361 20090128	F24F12/00; F24F7/06; F24J2/04	ATLANTIC CLIMATISATION VENTILA [FR]	Combined ventilation and water-heater installation for room e.g. garage, of dwelling, has air extraction system for modifying flow of extraction air for heating water based on operating state of water-heater
FR2941726 A1 20100806	FR20090050567 20090130	E04D13/18; E04D3/40; F24J2/46; H01L31/042	RAVOYARD HOLDING [FR]	Photovoltaic solar roof element, has attachments bent on clips toward exterior or interior by forming external or internal space between clips and zone of ribs, based on whether cables are arranged at outer side or inner side of ribs
FR2942028 A1 20100813	FR20090050884 20090212	F24J2/05	SOPHIA ANTIPOLIS EN DEV [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	CAPTEUR SOLAIRE, ET INSTALLATION DE GENERATION D'ENERGIE ELECTRIQUE COMPORTANT DE TELS CAPTEURS SOLAIRES
FR2942029 A1 20100813	FR20090000627 20090212	F24J2/24	SOLARMUR [FR]	Thermal solar collector for use on facade of building, has vanes transmitting partially detected calorific energy to heat-transfer fluid circulating in heat-transfer fluid duct, and gas or air volume partitioned between walls
FR2942030 A1 20100813	FR20090050885 20090212	F24J2/32; F24J2/05	SOPHIA ANTIPOLIS EN DEV [FR]; COMMISSARIAT ENERGIE ATOMIQUE [FR]	ENSEMBLE DE CALODUCS POUR CAPTEURS SOLAIRES
FR2942303 A1 20100820	FR20090000731 20090218	F24J2/00	DEBLOIS LUDOVIC [FR]	Solar concentrator, has solar collectors covered with transparent glass plate, and solar sensors fixed on transparent plate, where solar collectors, glass plate and solar sensors are moved around vertical rotational axle

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FR2942310 A1 20100820	FR20090051041 20090218	F28D20/02; F24H7/04; F24J2/30	KAPLAN YANN [FR]	Thermal energy accumulator for e.g. solar-water heater, has material formed by mixture of waxes that are miscible, so that material has point whose temperature is comprised between temperature of other points
FR2942827 A1 20100910	FR20090051311 20090303	E04D3/38; E04D13/18; F24J2/52; H01L31/042	YERMAKOFF MICHEL [FR]	STRUCTURE ETANCHE DE SURFACE COUVERTE DE PANNEAUX SOLAIRES, SANS CADRE.
FR2942828 A1 20100910	FR20090051312 20090303	E04D13/18; E04D3/38; F24J2/52; H01L31/042	YERMAKOFF MICHEL [FR]	STRUCTURE ETANCHE DE SURFACE COUVERTE DE PANNEAUX SOLAIRES, AVEC CADRE.
FR2942868 A1 20100910	ES20090000585 20090303	F24J2/38	TAHULLAS Y NAVES S L [ES]	SUIVEUR SOLAIRE
FR2943122 A1 20100917	FR20090001174 20090313	F24J3/08; F24F5/00; F24F7/06; F24J2/00	QUENTIN CHRISTOPHE FRANCIS PIERRE [FR]	Heating and air-conditioning device for e.g. building, has air intake device including protective grid and filter system assembly, valve and inclined roof whose face is provided with double glass surface having glass house effect
FR2943369 A1 20100924	FR20090051750 20090319	E04D13/18; E04D3/38; F24J2/34; F24J2/52; H01L31/042	SAINT GOBAIN [FR]	Fixation section for solar roof used to generate e.g. electricity in dwelling, has lateral wings arranged on sides of support surfaces, where wall of each wing comprises return whose part is directed towards bearing surface of wing
FR2943767 A1 20101001	FR20090001426 20090326	F24J2/52; E04D13/18	KERAVIC [BE]	Articulation device for tilting fixation of solar sensor and photovoltaic panel on e.g. reception surface, has pin permitting pivoting of sliding element with respect to installation element
FR2944037 A1 20101008	FR20090052205 20090403	E04D13/18; E04D13/16; F24J2/52; H01L31/042	BARSOLIS [FR]	SUPPORT POUR EQUIPEMENT PHOTOVOLTAIQUE, ET DISPOSITIF D'INTEGRATION POUR EQUIPEMENT PHOTOVOLTAIQUE COMPRENANT UN TEL SUPPORT.
FR2944038 A1 20101008	FR20090052253 20090407	E04D3/36; E04D13/18; F24J2/52	DOFAM ENERGY [FR]	KIT DE FIXATION POUR PANNEAU SOLAIRE SUR UNE CHARPENTE.
FR2944042 A1 20101008	FR20090052247 20090407	E04H1/12; E04D13/18; E04H6/02; F24J2/00; H01L31/042; H02J7/35	SC OMBRISOL [FR]	Covering installation for protecting parking area of electric motor vehicle, has pedestals placed on ground for assuring self-stability of structural module, where module straddles parking spaces without intermediate supports
FR2944097 A1 20101008	FR20090052117 20090402	B60P3/20; F24J2/00; F25D16/00; F28D20/02	PHOTOWATT INTERNAT [FR]	PANNEAU VENTILE ET VEHICULE EPQUIPE D'UN TEL PANNEAU

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FR2944304 A1 20101015	FR20090052396 20090410	E04D3/36; E04D13/18; F24J2/52; H01L31/042	SAINT GOBAIN [FR]	Solar modules i.e. glass substrates, fixation unit for solar roof of building, has support surfaces comprising seal packings and arranged at level of side ends of each of cores to form U-shaped sections for receiving respective substrates
FR2944817 A1 20101029	FR20090001964 20090423	E04D3/36; E04D13/18; F24J2/52; H01L31/042	SURZUR ALAIN ROGER [FR]	Device for fixing sectional rail receiving solar or photovoltaic panels on inclined structure or roof, has sectional flange comprising two lower ribs, self-chock template, and trapezoidal sectioned disks positioned on tubular support
FR2944818 A1 20101029	FR20090001937 20090422	E04D13/18; F24J2/46; H01L31/042	SYSTOVI [FR]	Installation for installing photovoltaic panels on slope of roof, has connection nose comprising passage for establishing air circulation between air space and outside area, where connection nose is provided in upper edge of installation
FR2944819 A1 20101029	FR20090002053 20090428	E04D13/18; F24J2/52; H01L31/042	NIOBEY PATRICK [FR]	Device for integratedly positioning photovoltaic solar panels on building, has shoulders arranged at ends of connection beam to receive photovoltaic solar panels and to channel water, where connection beam is formed in reversed U shape
FR2944862 A1 20101029	FR20090001929 20090422	F24J2/10; F24J2/12	IDCOOK [FR]	Reflecting strip for use in fan shaped parabolic reflector of solar furnace to reflect sunlight, has assembling unit comprising passage hole that is formed between edges for allowing passage of pot-holding rod of solar furnace
FR2945109 A1 20101105	FR20090002127 20090504	F24J2/46; G02B17/08; G02B27/10	HERZOG JEAN XAVIER MARIE [FR]	SYSTEME A CAPTEUR SOLAIRE OPTIQUE HORIZONTAL ELECTRO-THERMO GENERATEUR
FR2945304 A1 20101112	FR20090053068 20090507	E04D13/18; F24J2/04; H01L31/042	ENTPR MCB [FR]	Corrugated roof for e.g. building, has recovery device arranged partly in longitudinal channels for recovering photovoltaic and thermal solar energy, where recovery device includes strips connected relative to each other to form circuit
FR2945376 A1 20101112	FR20090053028 20090506	H01L31/058; F24J2/05; F28D1/04; H01L31/052	COMMISSARIAT ENERGIE ATOMIQUE [FR]	RECEPTEUR SOLAIRE HYBRIDE POUR LA PRODUCTION D'ELECTRICITE ET DE CHALEUR ET SYSTEME SOLAIRE A CONCENTRATION COMPORTANT UN TEL RECEPTEUR

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FR2945561 A1 20101119	FR20090002277 20090512	E04D13/18; E04H5/02; E04H5/08; F24J2/52; H01L31/042	DENIS BRAUD [FR]	Photovoltaic module fixing system for e.g. roof of building, has fixation unit connected to photovoltaic module and fixed on counter-plate for maintaining photovoltaic module on covering surface by clamping
FR2945857 A1 20101126	FR20090002445 20090520	F24J2/14; F24J2/05; F24J2/18; F24J2/34	CONVERT PIERRE [FR]	Device for transmitting heat energy to gaseous or liquid fluid in e.g. solar thermal station, has frame supporting mobile structure for aligning structure so as to maintain solar light in common optical plane of mirrors
FR2946130 A1 20101203	FR20090002626 20090602	F24J2/46; B65D17/00; F24J2/26	OURAD MOKRANE JUBA [FR]	Air and water heating system i.e. solar heater, has inlet and outlet allowing air to circulate in cans, to return and leave cans during exposure to sun and to heat air and liquid, where cans are equipped with elongated spiral shaped plates
FR2946677 A1 20101217	FR20090002799 20090610	E04D13/18; F24J2/52; H01L31/042	MEDIAT S [FR]	DISPOSITIF D'ASSEMBLAGE ENTRE UN PANNEAU PHOTOVOLTAIQUE ET UN CORPS DE TUILE QUE COMPREND UN ELEMENT DE COUVERTURE D'UN BATIMENT
FR2946732 A1 20101217	FR20090002901 20090615	F24J2/24	DABRIGEON MARC [FR]	Thermal solar panel i.e. thermal Helios panel, for hot water installation e.g. solar boiler, has secondary coil arranged in rear of primary coil for collecting rear thermal loss, and secondary coil integrated to galvanized sheet absorber
FR2947280 A1 20101231	FR20090054464 20090630	C09K5/00; F24J2/48	OMYA DEVELOPMENT AG [CH]; LONGUEMARD JEAN-PAUL [FR]	FLUIDE CALOPORTEUR
GB2467132 A 20100728	GB20090001031 20090122	F24J2/00; F24F5/00	BUILDING RES ESTABLISHMEN T LTD [GB]	A heating module for a building
GB2467197 A 20100728	US20080258253 20081024; US20090468747 20090519; US20090498135 20090706	G05D3/00; F24J2/38; G01S3/786	EMCORE SOLAR POWER INC [US]	Solar Tracking and Positioning of Terrestrial Solar Arrays

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GB2467800 A 20100818	GB20090002670 20090217	F24D19/10; F24D17/00; F24J2/12	HILL ANDREW [GB]	System in which the temperature of a heat supplier and a heat consumer are compared
GB2468207 A 20100901	GB20090003385 20090227	F24J2/24; F24J2/51	SUNDWEL SOLAR LTD [GB]	Solar thermal collector
GB2469300 A 20101013	GB20090006070 20090408	F24J2/04; E04B7/18	CREASE DAVID PLAISTOW [GB]	Solar collector and rooflight
GB2469321 A 20101013	GB20090006169 20090408	C02F1/02; C02F1/14; F24J2/12; F24J2/24; F24J2/42	DEMPSON PACKAGING LTD [GB]	System for heating and pasteurising water
GB2469344 A 20101013	GB20090012853 20090723	F24J2/54; G02B7/00	CHAPMAN IAIN [GB]	Movable mount for supporting a solar radiation collector
GB2469494 A 20101020	GB20090006511 20090416	C02F1/02; F24J2/00	CELSIUS SOLAR LTD [GB]	Solar panel for water heating and purification
GB2469897 A 20101103	TW20090207042U 20090427	H01L31/058; F24J2/24; H01L31/052	HIGHER WAY ELECTRONIC CO LTD [TW]	A hybrid photovoltaic and solar heating apparatus
GB2469916 A 20101103	IE20090000334 20090427	F24J2/46; F16L7/00; F24J2/05; F24J2/26	KINGSPAN HOLDINGS [IE]	Solar collector retaining clip
GB2469917 A 20101103	IE20090000335 20090427	F24J2/46; F24J2/05; F24J2/26	KINGSPAN HOLDINGS [IE]	Solar collector wire retaining clip
GB2469963 A 20101103	WO2009AU00541 20090430; AU20080902129 20080430	H01L31/042; F24J2/38; G01S3/78; G01S3/786; H02J7/35	KENT HOLDINGS INTERNAT LTD [CN]	Solar tracking apparatus and method
GR2009010017 7 A 20101021	GR20090100177 20090327	F24J2/10; F22B1/06; F24J2/07; F24J2/24; F24J2/46; F24J2/48	PAPADOPOULOS ALEXANDROS [GR]	HIGH-PERFORMANCE FRESNEL-TYPE POWER-GENERATING PLANT CHARACTERISED BY ENERGY STORAGE
GR2009010023 4 A 20101118	GR20090100234 20090422	F24J2/26; F24J2/46	KOGCHYLAKIS EMMANOUIL [GR]	HEAT-COLLECTING SURFACE FOR SOLAR HEAT COLLECTORS
HK1089503 A1 20100924	WO2004EP00034 20040107; DE20031004536 20030204	E04C2/54; E04D3/28; E04D3/362; F24J2/04; F24J2/20; F24J2/46; F24J2/48	BAYER MATERIALSCIENCE AG [DE]	HOLLOW-CHAMBER PROFILE FOR UTILIZING SOLAR ENERGY

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IL171542 A 20101130	US20030464429P 20030422; WO2004US12323 20040422	F24J2/05; F24J2/10; F24J2/32	SOLARGENIX ENERGY LLC [US]	SOLAR COLLECTORS WITH EVACUATED RECEIVER AND NONIMAGING EXTERNAL REFLECTORS
IL172215 A 20101130	AU20030902656 20030529; WO2004AU00699 20040527	F24J2/08; F24J2/12; F24J2/14; F24J2/18; F24J2/38; F24J2/52; H01L31/052	SUNENGY PTY LTD [AU]	COLLECTOR FOR SOLAR RADIATION
JP2010144725 A 20100701	US20080341345 20081222	F02C7/224; F01K23/10; F03G6/00	GEN ELECTRIC	SYSTEM AND METHOD FOR HEATING FUEL USING SOLAR HEATING SYSTEM
JP2010144956 A 20100701	JP20080320244 20081216	F24J2/02; F27B17/00	IHI CORP	SOLAR FURNACE DEVICE
JP2010144957 A 20100701	JP20080320245 20081216	F24J2/34; F24J2/08; F24J2/12; F24J2/24	IHI CORP	SOLAR HEAT COLLECTION METHOD AND DEVICE
JP2010145034 A 20100701	JP20080323817 20081219	F24J2/42	DAIKIN IND LTD	HEAT TRANSFER SYSTEM
JP2010147129 A 20100701	JP20080320635 20081217	H01L31/042; F24J2/00; F24J2/24	GF GIKEN KK	PHOTOVOLTAIC COGENERATION MODULE
JP2010151331 A 20100708	JP20080327101 20081224	F24J2/04; F24J2/10	YAZAKI CORP	SOLAR HEAT COLLECTOR
JP2010151346 A 20100708	JP20080328309 20081224	F24J2/18; G02B7/198; G02B19/00	MITAKA KOKI KK	SUNLIGHT COLLECTING SYSTEM
JP2010151934 A 20100708	JP20080327644 20081224	G02B7/182; F24J2/10; F24J2/18; F24J2/38; G02B5/10	MITAKA KOKI KK	OPTICAL POSITIONING METHOD AND STRUCTURE OF SUNLIGHT COLLECTION SYSTEM
JP2010151980 A 20100708	JP20080328315 20081224	G02B7/182; F24J2/18	MITAKA KOKI KK	SUNLIGHT COLLECTION SYSTEM
JP2010151982 A 20100708	JP20080328322 20081224	G02B7/182; F24J2/10; F24J2/18; F24J2/38; G02B5/10	MITAKA KOKI KK	SUNLIGHT COLLECTION SYSTEM
JP2010156181 A 20100715	JP20090000144 20090105	E04B1/74; E04B1/70; F24F7/10; F24J2/04	MISAWA HOMES CO	BUILDING
JP2010156517 A 20100715	JP20080336282 20081230	F24J2/16; G02B3/06	MASUBUCHI HIDEO	SUNLIGHT UTILIZING DEVICE

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JP2010159889 A 20100722	JP20090000605 20090106	F28D20/00; F24F5/00; F24J2/42	CHOSHON YASUHISA	MULTIPURPOSE HEAT STORAGE DEVICE COMBINING HIGH-TEMPERATURE SOLAR HEAT COLLECTOR WITH ELECTRIC HEATER
JP2010159937 A 20100722	JP20090003413 20090109	F24J2/04; E04B1/74; F24F5/00; F24J2/52	MISAWA HOMES CO	MOUNTING STRUCTURE OF HEAT COLLECTING DEVICE
JP2010159947 A 20100722	JP20090023082 20090107	F24F7/00; E04B1/70; F24J2/42	SASAKI NORIMASA	UNDERFLOOR VENTILATION STRUCTURE USING SOLAR HEAT
JP2010159962 A 20100722	JP20100003801 20100112	F24J2/38; G01C1/00	mitsui SHIPBUILDING ENG; AXIS KK	METHOD OF READJUSTING SUNLIGHT TRACKING SENSOR
JP2010163862 A 20100729	US19960629052 19960408	E04D13/00; E04D13/18; F24J2/52; H01L31/042; H01L31/048	SUNPOWER CORP [US]	LIGHTWEIGHT SELF-BALLAST PHOTOVOLTAIC ROOFING ASSEMBLY
JP2010169336 A 20100805	JP20090013085 20090123	F23B90/00; F03G6/00; F22B15/00; F24J2/08; F24J2/38	MORIMOTO KEIICHI	BOILER AND ELECTRIC POWER GENERATING DEVICE USING THE BOILER
JP2010175169 A 20100812	JP20090019389 20090130	F22B1/16; F24J2/10	MITAKA KOKI KK	STEAM GENERATOR
JP2010175170 A 20100812	JP20090019405 20090130	F22B1/06; F24J2/10	MITAKA KOKI KK	STEAM GENERATOR
JP2010181045 A 20100819	JP20090022430 20090203	F24J2/48; F24J2/24	MITAKA KOKI KK	LIGHT RECEIVING PIPE FOR SOLAR LIGHT COLLECTING DEVICE
JP2010181079 A 20100819	JP20090024612 20090205	F24H1/00; F24H1/18; F24J2/42	CORONA CORP	STORAGE TYPE HOT WATER SUPPLY DEVICE
JP2010190460 A 20100902	JP20090033579 20090217	F25B27/00; F01K25/10; F01K27/02; F03G6/00; F24F11/02; F24J2/42; F25B1/053	HITACHI PLANT TECHNOLOGIES LTD	AIR CONDITIONING SYSTEM
JP2010190498 A 20100902	JP20090035884 20090218	F24J2/36; F24J2/20	SORAL KK	PLASTIC FILM SHEET-SHAPED SOLAR HEAT COLLECTING SYSTEM

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JP2010197030 A 20100909	JP20080315580 20081211; JP20090016555 20090128; JP20090103841 20090422	F24H1/00; F24J2/42	TAKASAGO THERMAL ENGINEERING	HEAT PUMP HOT WATER SUPPLY SYSTEM UTILIZING SOLAR HEAT
JP2010203624 A 20100916	JP20090046358 20090227	F24J2/24; F24J2/12	MITAKA KOKI KK	TROUGH TYPE LIGHT COLLECTING UNIT
JP2010203657 A 20100916	JP20090048676 20090303	F24F7/08; F24F7/10; F24J2/42; F24J3/08	KANAZAWA INST OF TECHNOLOGY	HOUSE VENTILATION SYSTEM
JP2010216758 A 20100930	JP20090065935 20090318	F26B23/00; D06F58/10; F24J2/00; F24J2/04; F24J2/42	RYOJU ESTATE CO LTD	HOUSEHOLD DRYING SYSTEM UTILIZING SOLAR HEAT
JP2010223462 A 20101007	JP20090069260 20090323	F24J2/38	NAT INST OF ADVANCED IND SCIEN	ROTATING DRIVE DEVICE FOR SOLAR ENERGY USING SYSTEM
JP2010223489 A 20101007	JP20090070728 20090323	F24H1/00; F24J2/42	OSAKA GAS CO LTD	SOLAR SYSTEM
JP2010223567 A 20101007	JP20090096462 20090319	F24J2/06; F21S11/00; F24J2/02	NAKAGAWA KENICHI	LIGHT CONDENSING PLATE
JP2010230302 A 20101014	JP20090102413 20090326	F28D20/00; F24J2/34; F24J2/38	HIRO KK	HEAT STORAGE DEVICE
JP2010237415 A 20101021	JP20090084789 20090331	G02B5/08; F24J2/10; H01L31/052	KONICA MINOLTA OPTO INC	FILM MIRROR HAVING ULTRAVIOLET RAY REFLECTION FILM
JP2010249345 A 20101104	JP20090096788 20090413	F24J2/04; C22B26/00; C25C7/00; F27B14/14; F27B17/00	ICHIKAWA MASAHIDE; KAMATA SABURO	DEVICE FOR ACQUIRING ALKALI METAL OR ALKALINE EARTH METAL FROM ALKALI METAL CHLORIDE OR ALKALINE EARTH METAL CHLORIDE
JP2010249375 A 20101104	JP20090097995 20090414	F24H1/00; F24H7/02; F24J2/42	NAKAJIMA TOYOSHI	HOT WATER SUPPLY DEVICE
JP2010249437 A 20101104	JP20090100420 20090417	F24J2/24	IEJIMA TERUO	SOLAR WATER HEATER
JP2010249489 A 20101104	JP20090119245 20090420	F24J2/42; E02D29/00	MASUBUCHI HIDEO	SOLAR ENERGY STORAGE HEAT DAM

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JP2010255881 A 20101111	JP20090103804 20090422	F24H1/00; F24H1/10; F24J2/42	YAZAKI CORP	SOLAR HOT WATER SUPPLY SYSTEM AND METHOD OF CALCULATING CUTDOWN GAS USAGE VOLUME
JP2010255963 A 20101111	JP20090108435 20090406	F24J2/42; F24J3/08	NIPPON SHIZEN ENERGY KAIHATSU KK	SYSTEM USING NATURAL ENERGY
JP2010255982 A 20101111	JP20090109358 20090428	F24H1/18; F24D3/00; F24H1/00; F24J2/42; F24J3/08	ATOM KANKYO KOGAKU KK	HEAT UTILIZATION SYSTEM AND HEAT UTILIZING METHOD
JP2010256008 A 20101111	JP20100177184 20100806	F24J2/12; G02B7/182	mitsui SHIPBUILDING ENG; DPS BRIDGE WORKS CO LTD	BEAM-DOWN TYPE SOLAR RAY LIGHTING DEVICE
JP2010261416 A 20101118	JP20090114332 20090511	F03G7/00; B01J19/00; F03G6/00; F17C11/00; F24J2/42	TOKYO GAS CO LTD	ENERGY STORAGE DEVICE AND DIFFERENTIAL PRESSURE POWER GENERATION SYSTEM USING THE SAME
JP2010264943 A 20101125	JP20090119691 20090518	B60H1/20; B60H1/22; B60H1/24; F24J2/00; F24J2/42	SEKISUI CHEMICAL CO LTD	AUTOMOBILE
JP2010266138 A 20101125	JP20090118383 20090515	F24J2/02	TERUI KOJI	SOLAR HEAT COOKER-CUM-SOLAR WATER HEATER
JP2010266147 A 20101125	JP20090118664 20090515	F24J3/08; F24J2/42; F28D20/00	ASAHI KASEI HOMES CO	HEAT STORAGE STRUCTURE
JP2010266182 A 20101125	JP20090098832 20090415; JP20090254170 20091105	F24J2/50	KOKUSAI GIJUTSU KAIHATSU KK	SOLAR HEAT COLLECTOR
JP2010266629 A 20101125	JP20090117262 20090514	G02B3/08; F24J2/08	NIPPON TOKUSHU KOGAKU JUSHI KK	FRESNEL LENS FOR SOLAR SYSTEM AND THE SOLAR SYSTEM
JP2010270943 A 20101202	JP20090121662 20090520	F24J2/42; F24H1/00; F24J2/00; F24J2/04	PANASONIC CORP	SOLAR ENERGY UTILIZATION SYSTEM

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JP2010271734 A 20101202	FR20010015352 20011128	G02B5/02; F24J2/06; G02B5/04; G02F1/1335; G02F1/13357; H01L31/042; H01L31/052	SAINT GOBAIN [FR] [DE]	TEXTURED TRANSPARENT PANEL HAVING HIGH LIGHT TRANSMISSION
JP2010276279 A 20101209	JP20090129472 20090528	F24H1/00; F24H9/00; F24J2/42; F24J2/46	NORITZ CORP	HOT WATER UNIT FOR SOLAR SYSTEM
JP2010279893 A 20101216	JP20090134782 20090604	C02F1/04; B01D1/04; B01D5/00; C02F1/16; F03G6/00; F24J2/04	MITAKA KOKI KK	SEAWATER DESALTING APPARATUS WITH POWER GENERATION FUNCTION
JP2010281251 A 20101216	JP20090134779 20090604	F03G6/00; F01K27/02; F22B1/00; F24J2/10; F24J2/42	MITAKA KOKI KK	SOLAR LIGHT CONCENTRATING STEAM POWER GENERATOR
JP2010281470 A 20101216	JP20090132908 20090602	F24H1/00; F24H9/02; F24J2/42	YAZAKI CORP	WATER HEATER AND SOLAR HEAT HOT WATER SUPPLY SYSTEM
JP2010286199 A 20101224	JP20090141565 20090612	F24J2/24; F02C1/05; F03G6/00; F03G7/06; F24J2/26; F24J2/48	MITSUBISHI HEAVY IND LTD	SOLAR HEAT RECEIVER
JP2010286200 A 20101224	JP20090141566 20090612	F24J2/38; F02C1/05; F03G6/00; F24J2/10	MITSUBISHI HEAVY IND LTD	SOLAR HEAT COLLECTOR
JP2010286231 A 20101224	JP20090116882 20090513; JP20100109514 20100511	F24D17/00; F24J2/42	CHOFU SEISAKUSHO CO LTD	HOT WATER SUPPLY SYSTEM
JP2011099627 A 20110519	JP20090254758 20091106	F24J2/38; F24J2/10; G02B27/00; G05D3/00	KUNO HIROMITSU	THIN LIGHTWEIGHT SOLAR LIGHT COLLECTOR EASY IN PLANAR EXPANSION
KR100967309B B1 20100701	KR20100014568 20100218	H01L31/04; F24J2/08	HONG CHEOL GYU [KR]; HWANG HONG YUN [KR]; KIM TAE HWAN [KR]	SOLAR ENERGY POWER GENERATION SYSTEM
KR100967811B B1 20100705	KR20090091197 20090925	F24J2/46	HILEBEN CO LTD [KR]	EFFICIENCY ENHANCEMENT APPARATUS FOR SOLAR PHOTOVOLTAIC POWER FACILITIES

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KR100968402B B1 20100707	KR20090049254 20090603	F24J2/52; F24J2/38; H01L31/042	PARK YOUNG HWAN [KR]; GREEN PLUS CO LTD [KR]	APPARATUS FOR TRACKING CONDENSING SUNLIGHT OF SLIDING TYPE
KR100968751B B1 20100709	KR20090050225 20090608	F24J2/10; F24J2/04; F24J2/46; H01L31/058	CANAANENC [KR]; DK CORP [KR]	SOLAR POWER GENERATION SYSTEM AND AIR- CONDITIONING SYSTEM USING IT
KR100970083B B1 20100716	KR20100013296 20100212	F24J2/08; F24J2/04; G02B3/08	KIM JAE WOO [KR]	APPARATUS FOR CONCENTRATING SOLAR LIGHT
KR100970280B B1 20100716	KR20090022617 20090317	F24J2/38; H01L21/00; H01L31/042	GARAMENC CO LTD [KR]	MONITORING SYSTEM OF SOLAR PHOTOVOLTATIC POWER GENERATION
KR100970344B B1 20100715	KR20100007988 20100128	F24J2/04; F24J2/08; F24J2/24; F24J2/38	IND ACADEMIC COOP [KR]	SOLAR ENERGY SYSTEM AND CONTROL METHOD THEREOF
KR100970861B B1 20100716	KR20090100257 20091021	F24J2/30; F24J2/24; F24J2/46	GEOSUN INC [KR]	FLAT TYPE SOLAR HEAT COLLECTOR HAVING DOUBLE VACUUM TUBE
KR100970952B B1 20100720	KR20090065193 20090717	F24J2/38; F24J2/40; H01L31/042	LEE GYE SUK [KR]	APPARATUS FOR TRACKING SUN'S LAY AND METHOD THEREOF
KR100970961B B1 20100721	KR20100005937 20100122	F24J2/38; F24J2/40; G01J1/28	HANKUK RELAY CO LTD [KR]; LEE YONG HEUN [KR]; LEE KWAN JAE [KR]	SUN TRACKING AND DRIVING SENSOR
KR100972138B B1 20100728	KR20090125200 20091216	F24J2/02; F24D5/02	JANG YONG SU [KR]	NATURALLY CIRCULATING HEATING SYSTEM BY USING SOLAR ENERGY
KR100972459B B1 20100726	KR20090129009 20091222	F24J2/04; F24J2/30	CS NET CO LTD [KR]	SOLAR COLLECTOR
KR100972746B B1 20100728	KR20090120616 20091207	F24J2/38; H01L31/042	EVERTECHNO CO LTD [KR]	TRACKER FOR CONCENTRATED PHOTOVOLTAIC
KR100975050B B1 20100811	KR20090123115 20091211	F24J2/38	INOFF CO LTD [KR]; CHUNG SIN TEC CO LTD [KR]	SUN TRACKING APPARATUS
KR100976832B B1 20100820	KR20100010740 20100205	F03G6/00; F02G1/043; F24J2/02	COSMO CENTURY CORP [KR]	THERMOELECTRIC ELEMENT POWER GENERATING APPARATUS USING SUNLIGHT

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KR100978628B B1 20100827	KR20100028441 20100330	F24J2/10; H01L31/052	HONG SEOK TAE [KR]	SOLAR CELL STRUCTURE USING VACUUM REFLECTOR MIRROR
KR100980688B B1 20100907	KR20100057705 20100617	F24J2/38; E06B9/24; F24J2/54; H01L31/042	HANSHIN INDUSTRY CO LTD [KR]	SUNSHADE WITH GENERATION AND PHOTOVOLTAIC POWER GENERATION DEVICE WITH BUILDING AS ONE BODY
KR100983887B B1 20100927	KR20090128357 20091221	F24J2/24; F24J2/30	GEOSUN INC [KR]	A WATER HEATING APPARATUS UNIFIED WITH SOLAR HEAT COLLECTOR USING VACCUM PIPE
KR100986295B B1 20101007	KR20100054072 20100608	F24J2/46; F24J2/30	YE HAN CO LTD [KR]; LEE HAN CHUL [KR]; JUNGHAN CO LTD [KR]; SEONG HAN CO LTD [KR]	SOLAR HEAT COLLECTOR
KR100986706B B1 20101008	KR20100023151 20100316	F24J2/46; H01L31/042	HILEBEN CO LTD [KR]	EFFICIENCY ENHANCEMENT EQUIPMENT FOR SOLAR PHOTOVOLTAIC POWER FACILITIES
KR100988264B B1 20101018	KR20100016382 20100223	F24J2/38; F24J2/40; G01J1/28	ODTECH CO LTD [KR]	SOLAR TRACKING SENSER FOR SOLAR POWER GENERATING SYSTEM
KR100989644B B1 20101026	KR20100005936 20100122	G01J1/28; F24J2/38; F24J2/40	HANKUK RELAY CO LTD [KR]; LEE KWAN JAE [KR]; LEE YONG HEUN [KR]	SENSOR UNIT FOR SUN TRACKING
KR100989994B B1 20101026	KR20100039526 20100428	F24J2/04; F24J2/24; F24J2/30	PARK JONG IL [KR]	DRAIN DOWN-TYPE CLOSED LOOP SOLAR ENERGY SYSTEM AND CONTROLLING METHOD THEREOF
KR100990034B B1 20101026	KR20100039528 20100428	F24J2/04; F24J2/24	PARK JONG IL [KR]	METHOD FOR CONTROLLING OF DRAIN DOWN-TYPE CLOSED LOOP SOLAR ENERGY SYSTEM HAVING WAITING CONDITION
KR100991600B B1 20101104	KR20100023244 20100316	F24J2/46; F24J2/10; G02B6/00	LEE SANG CHUN [KR]	LIGHTING APPARATUS OF SOLAR-LIGHT AND STEAM GENERATING APPARATUS OF USING THE SAME
KR100992011B B1 20101104	KR20100034771 20100415	H01L31/042; F24J2/04; H01L31/058	E & H CO LTD [KR]	HYBRID MODULE FOR SOLAR ENERGY
KR100993809B B1 20101112	KR20090045335 20090525	F24J2/46; F24J2/04	APACK INC [KR]	SOLAR COLLECTOR MODULE AND SYSTEM

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KR100994565B B1 20101115	KR20100065064 20100706	F24J2/04; F24J2/30; F24J2/34	G & C TECHNOLOGY CO LTD [KR]; KOREA LAND & HOUSING CORP [KR]	APPARATUS FOR HEATING WATER WITH SOLAR HEAT POWER AND SUPPLYING HOT WATER
KR100995889B B1 20101122	KR20090059935 20090701	F24J2/10; F24J2/24	LEE HAN KOOK [KR]; CHOI GEUNG SOO [KR]; LEE BYUNG SEONG [KR]	WATER HEATING DEVICE BY USING SOLAR ENERGE
KR100996231B B1 20101123	KR20100037454 20100422	F24J2/46; F24J2/30	JUN TAE KYOO [KR]	VACUUM TUBE TYPE SOLAR COLLECTOR HAVING SIMPLE ASSEMBLING STRUCTURE AND MINIMIZED STEPS OF COLLECTING SOLAR HEAT
KR100996232B B1 20101123	KR20100037456 20100422	F24J2/46; F24J2/30	JUN TAE KYOO [KR]	VACUUM TUBE TYPE SOLAR COLLECTOR HAVING LEAKAGE PREVENTION AND MINIMIZED STEPS OF COLLECTING SOLAR HEAT
KR100996634B B1 20101125	KR20100011567 20100208	F24J2/38; F24J2/06; F24J2/08; F24J2/52	GUNGI CO LTD [KR]; HAN KOOK A B M CONSTRUCTION CO LTD [KR]	DAY-LIGHT DEVICE TRACKING OF SOLAR POSITION WHICH HAVING STRUCTURE FOR COMPLEX-JOINT LINK ALTAZIMUTH MOUNT
KR100996688B B1 20101125	KR20100041950 20100504	F24J2/06; F24J2/08; G02B6/00	JAYON ENERGY INC [KR]	A SUN SOLAR RECEIING UNIT AND SOLAR PHOTOVOLTAIC USING THE SAME
KR100997883B B1 20101202	KR20100035686 20100419	F24J2/38; F24J2/52	YOUIL ENSYS CO LTD [KR]	THE HOLDER OF TORQUE TUBE AND THE SOLAR TRACKER USING THE HOLDER
KR100998351B B1 20101203	KR20100032947 20100409	H01L31/042; F21S9/03; F24J2/08	JINJU NAT UNIVERSITY INDUSTRY ACADEMIA COOPERATION FOUNDATION [KR]; MBM CO LTD [KR]; KIM CHI GON [KR]	PHOTOVOLTAIC SYSTEM AND STREETLAMP HAVING THE SAME

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KR100999513B B1 20101209	KR20100048719 20100525	H01L31/058; F24J2/00; H01L31/042; H01L31/052	KOREA MACH & MATERIALS INST [KR]	HYBRID GENERATOR USING SOLAR RAY AND HEAT
KR100999832B B1 20101210	KR20100086992 20100906	F24J2/24; F24J2/46	SEHAN SOLAR ENERGY CO LTD [KR]	TEMPERATURE EXCESSIVE CLIMBING PREVENTION STRUCTURE OF SOLAR COLLECTOR
KR101001789B B1 20101215	KR20090080803 20090828	F24J2/38; H01L31/042	GREEN PLUS CO LTD [KR]; BAK YEONG HWAN [KR]	APPARATUS FOR CONDENSING SUNLIGHT OF TRACING FOR WALL
KR101002413B B1 20101217	KR20100070434 20100721	F24J2/04; F24J2/24; F24J2/30	SAHM SHIN ENGINEERS INC [KR]; KOPAC ETS [KR]	SOLAR COLLECTOR SYSTEM USING A TRANSFER TECHNIQUE OF WATER AND SOLAR HEAT ENERGY
KR101002438B B1 20101221	KR20100086478 20100903	F24J2/54; H01L31/042	KPV CO LTD [KR]	INCLINE ADJUSTABLE ROTATION CONTROL APPARATUS FOR SOLAR COLLECTOR ACCORDING TO HEIGHT OF THE SUN
KR101004108B B1 20101227	KR20100014705 20100218	F24J2/52; H01L31/042	KANG NA RI [KR]	EQUIPMENT FOR FIXING SOLAR PANEL USING STEEL WIRE
KR101004344B B1 20101227	KR20100084252 20100830	F24J2/54; H01L31/042	PARU CO LTD [KR]	APPARATUS FOR SEMIAUTOMATIC TYPE ADJUSTING THE ANGLE OF SOLAR ENERGY COLLECTION PLATE
KR101005092B B1 20101231	KR20100036720 20100421	F24J2/08; G02B3/00; H01L31/052	SUNEYE CPV [KR]	MANUFACTURING SYSTEM AND METHOD OF CONCENTRATION PHOTOVOLTAIC LENS
KR20100072151 A 20100630	DE200720006021U 20070419	F24J2/52; H01L31/042; H01L31/048	MOUNTING SYSTEMS GMBH [DE]	CONNECTABLE PROFILED MOUNTING RAIL (BASE RAIL)
KR20100072157 A 20100630	KR20100054675 20100610	F24J2/08; F24J2/38	SHIN YU BIN [KR]; SHIN YU HYUN [KR]; SHIN SANG MOO [KR]	SOLAR POSITION LOCATOR WITH CYLINDRICAL LIGHT FOCUSING EQUIPMENT
KR20100072164 A 20100630	KR20107001442 20070621	F24J2/38; F24J2/54	VOLTWERK ELECTRONICS GMBH [DE]	MODULAR PIVOTABLE SOLAR COLLECTOR ARRANGEMENT
KR20100072957 A 20100701	KR20080131524 20081222	H01L31/042; F24J2/38	LG INNOTEK CO LTD [KR]	SOLAR ELECTRIC GENERATOR AND BLIND APPARATUS

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KR20100073084 A 20100701	KR20080131670 20081222	F24J2/52; F24J2/46; H01L31/042	SAMSUNG ELECTRONICS CO LTD [KR]	PHOTOVOLTAIC-THERMAL HYBRID APPARATUS AND ASSEMBLY METHOD THEREOF
KR20100075845 A 20100705	DE200710039164 20070820	C09D183/02; C03C17/25; C09D5/00; F24J2/05	FRAUNHOFER GES FORSCHUNG [DE]	SUBSTRATES SUPPLIED WITH A DUST AND AEROSOL- REPELLENT COATING, METHOD FOR THE PRODUCTION THEREOF AND MATERIALS FOR THIS PURPOSE
KR20100076420 A 20100706	KR20080134447 20081226	F24J2/12; F24J2/04; F24J2/06	INHA IND PARTNERSHIP INST [KR]	DISH SOLAR CONCENTRATOR
KR20100078011 A 20100708	KR20080136113 20081229	F24J2/46; B08B3/00; B08B3/04; H01L31/042	YU HEUNG SOO [KR]	SOLAR ARRAY CARING APPARATUS MOVING ON TRACK WITH RECIPROCATION
KR20100078167 A 20100708	KR20080136343 20081230	F24J2/12; F24J2/06; F24J2/13	KIM JONG SUN [KR]; CHA JUNG WON [KR]; LEE DONG HEE [KR]	APPARATUS FOR COLLECTING SOLAR RADIATION AND METHOD FOR MANUFACTURING THE SAME
KR20100078421 A 20100708	KR20080136678 20081230	F24D15/04; F03D9/00; F24J2/02	IND ACADEMIC COOP [KR]	THE COOLING AND HEATING SYSTEM USING SOLAR AND WIND POWER HYBRID SYSTEM
KR20100078840 A 20100708	KR20080137209 20081230	H01L31/042; F24J2/38	THEGO CORP [KR]	METHOD FOR DRIVING SOLAR-CELL PANEL
KR20100079870 A 20100708	KR20080138459 20081231	F24J2/38; H01L31/042	DOOWON INDUSTRY CO LTD [KR]	SOLAR PLATE CAPABLE OF TRACING SUN
KR20100080300 A 20100708	KR20080136850 20081230	H01L31/052; F24J2/00; H01L31/042	KOREA IND TECH INST [KR]; IND ACADEMIC COOP [KR]	SOLAR CONCENTRATOR WITH LIGHT GUIDING FUNCTION, SOLAR CELL MODULE AND SOLAR HEAT COLLECTOR USING THE SAME
KR20100081013 A 20100714	KR20090000269 20090105	F24J2/38; F24J2/40; H01L31/042	TM TECH CO LTD [KR]	APPARATUS FOR SENSING OF SOLAR
KR20100081616 A 20100715	KR20090000920 20090106	H01L31/042; F24J2/38	LEE GYE SIK [KR]	DEVICE FOR TRACKING SUNLIGHT USING HEAT EXPANSION FLUID
KR20100081663 A 20100715	KR20090001002 20090107	F24J2/08; F24J2/00	HYUN KWAN HAE [KR]	SOLAR ENERGY TRACKING LENS AND PARA BALL RICK BOILER SYSTEM

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KR20100083102 A 20100721	DE200910004316 20090112	F24J2/04; F24J2/22; F24J2/26; F24J2/46	ALANTUM EUROP GMBH [DE]	TURBULANCE GENERATOR, SOLAR COLLECTOR PROVIDED WITH THE SAME AND USING METHOD FOR THE SAME
KR20100083263 A 20100722	KR20090002559 20090113	F24J2/52; F24J2/04; F24J2/46	JEON MYEONG JA [KR]	SOLAR COLLECTOR
KR20100084357 A 20100726	KR20090003797 20090116	F24J2/34; F24J2/32; F24J2/40	KIM WON SU [KR]	OVERHEAT PROTECTION APPARATUS FOR SOLAR HEATING SYSTEM
KR20100085462 A 20100729	KR20090004752 20090120	F24J2/00; F24J2/46; H01L31/04	PARK SE HOON [KR]; VORTEX SEMICONDUCTO R INC [KR]; YOON JIN WON [KR]	POWER GENERATION SYSTEM USING SOLAR ENERGY
KR20100086376 A 20100730	KR20090005720 20090122	F24J2/38; F24J2/40; F24J2/46	DALECO PROTECH PARTNERS LP [KR]	SENSOR UNIT FOR TRACKING SUNLIGHT
KR20100086626 A 20100802	KR20090005947 20090123	F24J2/16; F24J2/52	SHIN HEE SOO [KR]	SUPPORTING APPARATUS FOR SOLAR CONCENTRATOR MODULE FOR PHOTOVOLTAIC POWER GENERATION
KR20100087594 A 20100805	KR20090006707 20090128	F24J2/38; F24J2/40; F24J2/54; H01L31/042	UNIV CHUNG ANG IND [KR]	SOLAR LIGHT COLLECTING APPARATUS
KR20100087980 A 20100806	KR20090007072 20090129	F24J2/34; F24J2/42; F24J3/08; F25B30/06	SAMYOUNG CO LTD [KR]; CHO SOO [KR]	HYBRID TYPE COOLING AND HEATING SYSTEM REGENERATIVE IN SUBTERRANEAN
KR20100090369 A 20100816	KR20090009587 20090206	A47L9/28; A47L9/00; B25J13/08; F24J2/02	WOONGJIN COWAY CO LTD [KR]	ROBOT CLEANER HAVING LIGHT CONDENSER AND METHOD FOR CONTROLLING POWER CHARGING USING THE SAME
KR20100092142 A 20100820	KR20090011365 20090212	B65D90/06; B65D88/06; B65D90/04; F24J2/51	PARK WAL SEO [KR]	KEEPING WARM PE WATER TANK WITH DURABILITY TO HIGH TEMPERATURE
KR20100092832 A 20100823	KR20090012151 20090213	F24J2/02; F01K27/02; H02J7/35	PUSAN NAT UNIV IND COOP FOUND [KR]	A COGENERATION EQUIPMENT USING SOLAR ENERGY

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KR20100094605 A 20100827	KR20090013652 20090219	F24J2/38; H01L31/042	SAEHAN T & I CO LTD [KR]; UNIV NAT CHONNAM IND FOUND [KR]	OPTICAL SENSOR MODULE FOR SUN LOCATION TRACKING TYPE SOLAR GENERATION SYSTEM
KR20100094659 A 20100827	KR20090013736 20090219	F24J2/24; F24J2/26; F24J2/30	MDTECH CO LTD [KR]	DUAL LAYER SOLAR COLLECTOR
KR20100095920 A 20100901	KR20090014970 20090223	E04D13/03; F21S11/00; F24J2/02	KIM TAE SEOP [KR]	THE SKYLIGHT SYSTEM FOR COLLECTION AND CONTROLL OF SOLAR ENERGY
KR20100096485 A 20100902	KR20090015385 20090224	F24J2/02; F24J2/08	KIM IN JU [KR]	APPARATUS FOR PROCESSING LIGHT
KR20100096641 A 20100902	KR20090015621 20090225	F24J2/38; H01L31/042	CHAE JUN SEOK [KR]	DO DAMAGE FROM WIND PREVENTION APPARATUS FOR SOLAR PHOTOVOLTAICS GENERATOR HAVING A TILT
KR20100096669 A 20100902	KR20090015666 20090225	F24J2/52	CHAE JUN SEOK [KR]	SUPPORTING STRUCTURE OF SOLAR PHOTOVOLTAICS GENERATOR HAVING A TILT
KR20100096945 A 20100902	KR20090016054 20090225	F24J2/38; H01L31/042	UNIV CHUNGJU NAT IND ACAD COOP [KR]; 3G TECHNOLOGIES CO LTD [KR]	2-AXIS CONTROL DEVICE FOR SOLAR TRACE
KR20100097266 A 20100903	KR20090016121 20090226	H01L31/058; F24J2/02; F24J2/04; H01L31/042	NAT UNIV CHUNGBUK IND ACAD [KR]	CONDENSING TYPE SOLAR HEAT AND RAY COGENERATION SYSTEM WITH COOLING PART USING BUBBLE ALLOY
KR20100097270 A 20100903	KR20090016126 20090226	F24J2/08; F24J2/04; H01L31/042; H01L31/058	NAT UNIV CHUNGBUK IND ACAD [KR]	CONDENSING TYPE SOLAR HEAT AND RAY COGENERATION SYSTEM
KR20100097274 A 20100903	KR20090016134 20090226	F24J2/08; F24J2/04; H01L31/042	NAT UNIV CHUNGBUK IND ACAD [KR]	CONDENSING TYPE SOLAR HEAT AND RAY COGENERATION SYSTEM
KR20100098084 A 20100906	KR20090017086 20090227	F24J2/42; F24J2/46	WOO DO YOUNG [KR]	FLOAT TYPE SOLAR ENERGY GENERATING DEVICE
KR20100098495 A 20100907	SE20070002648 20071129	F24J2/34; F25B17/08; F28D20/00	CLIMATEWELL AB PUBL [SE]	THERMAL SOLAR ENERGY COLLECTOR FOR PRODUCING HEAT AND/OR COOLING
KR20100098747 A 20100910	KR20090017384 20090302	F24J2/52; F24J2/46; H01L31/042	TM TECH CO LTD [KR]	SOLAR COLLECTOR

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KR20100098856 A 20100910	KR20090017536 20090302	F24J2/08; F24J2/04; H01L31/042; H01L31/058	KIM KWAN WOO [KR]	CONDENSING TYPE SOLAR HEAT AND RAY COGENERATION SYSTEM
KR20100098870 A 20100910	KR20090017559 20090302	H02J7/35; F24J2/40	CSJGLOBAL INC [KR]	PHOTOVOLTAIC POWER GENERATION SYSTEM, APPARATUS AND METHOD FOR TRACKING MAXIMUM POWER POINT
KR20100100276 A 20100915	KR20090019069 20090306	F03G6/06; F24J2/02	LEE JONG HO [KR]; KIM BONG SEON [KR]	SOLAR POWER GENERATION SYSTEM
KR20100100317 A 20100915	KR20090019142 20090306	F24J2/32; F24J2/10; F24J2/18	CHO LEE SIG [KR]	SOLAR COLLECTOR USING HEAT PIPE
KR20100101325 A 20100917	KR20090019760 20090309	F24J2/32; F24D15/02; F24J2/08	KIM BYONG JUN [KR]	HEATING EXCHANGER USING SOLAR HEAT AND HEATING APPARATUS THEREOF
KR20100102094 A 20100920	SG20070016873 20071009	F24J2/04; E04D13/17; E04D13/18; F24J2/52	DRAGON ENERGY PTE LTD [SG]	ROOF BASED ENERGY CONVERSION SYSTEM
KR20100102402 A 20100924	KR20090020761 20090311	H01L31/04; F24J2/38; F24J2/54	YUN JEONG SIK [KR]	SUNLIGHT-TRACKING APPARATUS FOR SOLAR CELL MODULE PANEL
KR20100103164 A 20100927	KR20090021641 20090313	F24J2/38; F24J2/06; F24J2/40; H01L31/058	SHIN MAN HO [KR]; RIM HYUN KIL [KR]; RHO BYUNG DAE [KR]; LEE KWAN BOK [KR]	SOLAR HEAT POWER GENERATION METHODE BY THERMOELECTRIC GENERATION DEVICE ON TRACKING PEDESTAL
KR20100103995 A 20100929	KR20090022112 20090316	F24H4/04; F24H9/20; F24J2/34	CHA SANG JIN [KR]; BAE EUI HAN [KR]	HYBRID TYPE APPARATUS FOR HEATING HOT WATER USING HEAT-PUMP
KR20100104676 A 20100929	KR20090023253 20090318	F03G3/00; F03G7/06; F24J2/00	HAM SUNG CHUL [KR]	AN ELECTRIC GENERATION SYSTEM USE OF BUOYANCY AND GRAVITY
KR20100106165 A 20101001	KR20090024655 20090323	F24D11/00; F24D19/10; F24J2/04	LEE HAN CHUL [KR]; SEONG HAN CO LTD [KR]; YE HAN CO LTD [KR]	HEATING APPARATUS USING SOLAR HEAT

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KR20100106166 A 20101001	KR20090024656 20090323	F24J2/46; F24J2/04	LEE HAN CHUL [KR]; SEONG HAN CO LTD [KR]; YE HAN CO LTD [KR]	CONNECTING UNIT FOR SOLAR HEAT COLLECTOR
KR20100106276 A 20101001	KR20100087740 20100908	F24J2/00; F24J2/42; F24J2/52	PARK JOON TAI [KR]	SOLAR RADIATION HEATER
KR20100107154 A 20101005	KR20090025293 20090325	F24J2/16; F24J2/18; F24J2/46	APACK INC [KR]	REFLECTOR PLATE OF SOLA COLLECTOR
KR20100107679 A 20101006	KR20090025896 20090326	F24J2/04; F24J2/46	ROH HONG KOO [KR]	HIGH EFFICENCY SOLAR HEATING SYSTEM OF HELIOSTATS
KR20100107844 A 20101006	KR20090026147 20090326	F24J2/13; G02B5/10	SHIN SUK KYUN [KR]	CONCAVE MIRROR OF THE SOLA LIGHT WITH EXCHANGE HEATER
KR20100107877 A 20101006	KR20090026207 20090327	F24J2/52; H01L31/042	DMS CO LTD [KR]	SOLAR CELL ASSEMBLY
KR20100108059 A 20101006	KR20090026517 20090327	F24J2/04; F24H1/00; F24H9/20; F24J2/40	MA SANG CHEOL [KR]	SOLAR HOT-WATER HEATING SYSTEM USING SOLAR HOT-WATER HEAT PLATE
KR20100108487 A 20101007	KR20090026708 20090329	F03B13/00; F03D9/00; F24J2/02	PARK SEONG SOO [KR]	OCEAN ENERGY-MIX GENERATION-AREA FOR MARINE ENERGY-MIX GENERATION EQUIPMENT
KR20100108849 A 20101008	KR20090027112 20090330	F24J2/00; H01L31/04	PUSAN NAT UNIV IND COOP FOUND [KR]	COMPLEX ENERGY CONVERSION SYSTEMS IN SOLAR CELL AND METHOD OF ENERGY CONVERSION USING THE SAME
KR20100108989 A 20101008	KR20090027342 20090331	F24J2/38; F24J2/04; F24J2/08	YOON JUNG HO [KR]; YOON CHUNG HYUN [KR]; YUN JEONG SAN [KR]	THE SOLAR HEATING COLLECTOR WITH THE FUNCTION OF TRACKING SLOAR
KR20100109292 A 20101008	KR20090027845 20090331	F24J2/06; F24J2/08; F24J2/13	SHIN SUK KYUN [KR]	AIR HEATER BY SOLA LIGHT
KR20100109807 A 20101011	KR20090028272 20090401	F24J2/04; F24F7/013	KANGNAM CO LTD [KR]; PARK JUNG SIK [KR]	VENTILATING AND HEATING APPARATUS USING SOLAR HEAT
KR20100110114 A 20101012	KR20090028525 20090402	F24H7/02; F24H9/20; F24J2/02; F24J2/40	KIM SUNG MAN [KR]	AUTOMATIC LINK CONTROLLER BETWEEN SOLAR HEAT ACCUMULATOR AND BOILER

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KR20100110115 A 20101012	KR20090028526 20090402	F24H7/02; F24H9/20; F24J2/02; F24J2/40	KIM SUNG MAN [KR]	HEATING APPARATUS WITH AN AUTOMATIC LINKAGE CONTROLLER BETWEEN SOLAR THERMAL SYSTEM AND BOILER AND THE METHOD THEREOF
KR20100110116 A 20101012	KR20090028527 20090402	F24J2/46; F24J2/04; F24J2/40	KIM SUNG MAN [KR]	AUTOMATIC SHUTTER OF SOLAR HEAT COLLECTOR FOR SOLAR HEATING BOILER
KR20100110600 A 20101013	KR20090029022 20090403	F24J2/04; F24J2/00; F24J2/42	JEHIN CO LTD [KR]	A SOLAR WATER HEATING SYSTEM
KR20100110637 A 20101013	KR20090029071 20090403	F03G7/00; F03D9/00; F24J2/00	DONG HEUNG CO LTD [KR]	MULTIPLE PURPOSE INTEGRATED POWER COGENERATION SYSTEM USING SOLAR ENERGY AND WIND POWER
KR20100111376 A 20101015	KR20090029765 20090407	F24J2/04; F24J2/06; F24J2/38; F24J2/46	SONG JAE HYUNG [KR]; LEE HO SEOK [KR]	HOT WATER AND STEAM SYSTEMS USED ON SOLAR HEAT ENERGY
KR20100113900 A 20101022	KR20090032449 20090414	F24J2/52; H01L31/04	HEO SOO KYOUNG [KR]	SOLAR CELL PLATE FOR CEILING SPACE
KR20100113951 A 20101022	KR20090032521 20090414	F03B13/14; F03B13/24; F24J2/02	KIM KYONG BOK [KR]	ELECTRIC GEN-ERATOR
KR20100114125 A 20101022	US20080028139P 20080212	F24J2/06; G02B6/00; H01L31/052	QUALCOMM MEMS TECHNOLOGIES INC [US]	DUAL LAYER THIN FILM HOLOGRAPHIC SOLAR CONCENTRATOR/COLLECTOR
KR20100114590 A 20101026	KR20090033029 20090416	H02J7/35; F24J2/02; F24J2/38; H01L31/04	YOUN SUNG WON [KR]	SOLAR STOREHOUSE SYSTEM INTEGRATION BOARD SYSTEM
KR20100114797 A 20101026	KR20090033367 20090416	F24J2/38; H01L31/042	KANG AE KYOUNG [KR]	THE SOLAR AUTOMATIC TRACKING TYPE EQUIPMENT OF ELECTRIC POWER SYSTEM
KR20100114849 A 20101026	KR20090033178 20090416	F24J2/38; F24J2/52; H01L31/042	IS SYSTEM CO LTD [KR]	SOLAR DEVELOPMENT SYSTEM SOLAR LOCATION TRACKING SYSTEM
KR20100115200 A 20101027	KR20090033818 20090417	F25B30/00; F24D15/04; F24J2/04	GLOTECH [KR]	HEAT PUMP HAVING SOLAR COLLECTOR
KR20100115394 A 20101028	KR20090033923 20090419	F24J2/04; F01K27/00; F02C6/18	RIM HYO JIN [KR]	THE SOLAR HEAT GENERATING SYSTEM HAVING MULTI SERIAL SUPER HEATER
KR20100115569 A 20101028	KR20090034208 20090420	F24J2/38; H01L31/042	LEE HYEONG GU [KR]	SOLAR TRACING APPARATUS

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KR20100116463 A 20101101	KR20090035196 20090422	F24J2/40; H01L31/042	HANKOOK CHAIN MOTOR CO LTD [KR]	SYSTEM AND METHOD FOR CONTROLLING SOLAR-CELL WITH SOLAR POSITION TRACKING
KR20100117274 A 20101103	KR20090035925 20090424	F26B3/28; F24J2/04; F26B9/06	WINIAMANDO INC [KR]	A SOLAR DRY SYSTEM
KR20100117858 A 20101104	KR20090036541 20090427	F24J2/06; G02B6/00	LEE JAE WOOK [CA]	SUNLIGHT CONCENTRATING FUNNEL BUNDLE, FUNNEL WITH REFLECTIVE SQUARE GRID OR HEXAGONAL GRID, FUNNEL BUNDLE BALLOON FOR SOLAR STEAM ELECTRIC GENERATING, LIGHTING, HEATING, RAIN GATHERING, HYDROELECTRIC POWER GENERATION
KR20100118476 A 20101105	KR20090037346 20090428	F24D15/04; F24J2/02; F24J3/08; F25B30/06	DOOSON CO LTD [KR]	HEAT PUMP HEATING AND COOLING SYSTEM USING DUAL TYPE ENERGY SAVING SYSTEM
KR20100119007 A 20101109	KR20090037903 20090430	F24J2/38; F03G6/00; H01L31/042; H02N6/00	KWAK JOONG HWAN [KR]	SUN TRACKER WITH A COMPUTATION PART CALCULATING THE LOCATION OF THE SUN
KR20100119134 A 20101109	KR20090038090 20090430	F24J2/52; F24J2/38; F24J2/40; H01L31/042	BETTERTEC CO LTD [KR]	APPARATUS FOR OPERATING SOLAR PANEL OF SOLAR POWER GENERATION DEVICE
KR20100119471 A 20101109	KR20090038175 20090430	F25B27/00; F24J2/04	DAE JOO MACHINERY [KR]	HEATING DEVICE AND SOLAR EJECTOR REFRIGERATION SYSTEM THEREWITH
KR20100119642 A 20101110	KR20090038677 20090501	F24J2/52; F24J2/13; F24J2/38; H01L31/042	TM TECH CO LTD [KR]	SOLAR COLLECTING APPARATUS
KR20100120984 A 20101117	KR20090039896 20090507	H01L31/042; F24J2/38	OSOLAR LTD [KR]	SOLAR GENERATING APPARATUS WITH SOLAR TRACKER
KR20100121755 A 20101119	KR20090040606 20090511	F24J2/06; F24J2/24; F24J2/30	TM TECH CO LTD [KR]	SOLAR COLLECTING APPARATUS
KR20100121917 A 20101119	KR20090040849 20090511	F03D9/00; F03D3/00; F24J2/02	KOREA ENERGY RESEARCH INST [KR]	STRUCTURE FOR ESTABLISHING VERTICAL AXIS TYPE WIND POWER GENERATION
KR20100122203 A 20101122	KR20090041131 20090512	F03D9/00; F24J2/02; H01L31/042	KUEN TAE HYUNG [KR]	LEAVES SPACE THE BALLOON AND THE MISCONDUCT ORGANIZATION IN AIR AND THE SCENERY ELECTRICITY WHICH PRODUCES AN ELECTRICITY WITH THE WIND POWER AND THE SOLAR STOREHOUSE AND ABOUT HIM PRODUCTIVE METHOD

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KR20100122248 A 20101122	KR20090041191 20090512	F24J2/40; F24J2/38	SHIN HAENG CHUL [KR]; KIM JONG SEOK [KR]	SOLAR CELL MODULE DRIVING SYSTEM
KR20100122250 A 20101122	KR20090041197 20090512	F24J2/38	SHIN HAENG CHUL [KR]; KIM JONG SEOK [KR]	DRIVING CIRCUIT OF SOLAR TRACKER FOR PHOTOVOLTAIC POWER GENERATION
KR20100122412 A 20101122	KR20090041438 20090512	F24J2/38; F24J2/40; H01L31/042	FOSTIN POWER CO LTD [KR]	APPARATUS FOR TRACKING SUNLIGHT USING PROJECTED SHADOW AND METHOD OF WEB BASED CONTROLLING TRACKING SUNLIGHT MONITORING
KR20100122424 A 20101122	KR20090041452 20090512	F24J2/32; F24J2/46	JUNG BYUNG KI [KR]	SOLAR COLLECTOR BY USING HEATPIPE HAVE SCREW TYPE RADIATOR PIN
KR20100123966 A 20101126	KR20090042960 20090518	F24J2/04; F24J2/13; F24J2/24; F24J2/30	TM TECH CO LTD [KR]	SOLAR COLLECTING APPARATUS
KR20100124364 A 20101129	KR20090043319 20090519	F24J2/04; F24J2/46	RIM JI HOON [KR]	THE HIGH TEMPERATURE SOLAR HEAT SUPPLY FACILITY HAVING MULTI SERIAL GAS SUPER HEATER
KR20100124864 A 20101130	KR20090043777 20090520	F24J2/38; H01L31/042	JEON YOUNG JUNE [CA]	DEVICE FOR TRACKING SUN TRACK
KR20100125002 A 20101130	KR20090043988 20090520	F03D9/00; F24J2/02; F24J2/38; H01L31/042	WINS KOREA [KR]	A COMPLEX GENERATING SYSTEM
KR20100126610 A 20101202	KR20090045228 20090523	F24J2/38; H01L31/04	LEE SUNG SU [KR]	THE SOLAR POSITION SEARCH SYSTEM USING ANALOG SIGNAL CONVERSION IN SOLAR-CELL
KR20100128043 A 20101207	KR20090046470 20090527	F24J2/38; H01L31/042	TM TECH CO LTD [KR]	CDS SENSOR HOLDER
KR20100128154 A 20101207	KR20090046626 20090527	F24J2/32; F24J2/04; F24J2/46	IND ACADEMIC COOP [KR]; CHOI KO WOON [KR]	DEVICE FOR COLLECTING THERMAL ENERGY OF SOLAR
KR20100129819 A 20101210	KR20090048369 20090602	F24J2/10; F24J2/04; F24J2/24	BAEK JAE YOUNG [KR]	SYSTEM FOR CONCENTRATING SOLAR ENERGY
KR20100130115 A 20101210	KR20090048794 20090602	F24J2/38; H01L31/042	INTMOA CO LTD [KR]	PHOTOPILE CONCENTRATION DEVICE POSSIBLE PHOTOPILE DISPERSION
KR20100130515 A 20101213	KR20090049249 20090603	F24J2/52; B63B35/44; H01L31/042	PARK YOUNG HWAN [KR]; GREEN PLUS CO LTD [KR]	APPARATUS FOR TRACKING CONDENSING SUNLIGHT OF WATERF FLOATING TYPE

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KR20100130517 A 20101213	KR20090049251 20090603	F24J2/52; E04D13/18; H01L31/042	PARK YOUNG HWAN [KR]; GREEN PLUS CO LTD [KR]	APPARATUS FOR CONDENSING SUNLIGHT OF TWO- WAY TRACING FOR LOOF
KR20100130683 A 20101214	KR20090049324 20090604	F24J2/38; H02J7/00	WOO JAE HONG [KR]	THE SYSTEM OF SOLAR TRACKING AND BATTERY CHARGING
KR20100130707 A 20101214	KR20090049366 20090604	F24J2/52; H01L31/042	LG HAUSYS LTD [KR]	FLAT ROOF TYPE CURTAIN WALL MOUNT ASSEMBLY FOR BUILDING INTEGRATED PHOTOVOLTAIC
KR20100130908 A 20101214	KR20090049655 20090604	F24J2/38; F24J2/52; H01L31/042	YU IN SUK [KR]	APPARATUS FOR TRACKING ROUTE OF THE SUN
KR20100131313 A 20101215	KR20090050136 20090605	F24J2/38	CHUN DONG IN [KR]	SOLAR POWER PLANT
KR20100131843 A 20101216	KR20090050651 20090608	F03D1/02; F03D11/00; F03G3/00; F24J2/02	WOOJU LNT CO LTD [KR]	WIND POWER GENERATOR USING WATER FOR A LAMP
KR20100132584 A 20101220	KR20090051251 20090610	F24J2/52; F24J2/46; H01L31/042	TM TECH CO LTD [KR]	SOLAR COLLECTOR
KR20100132697 A 20101220	KR20090051424 20090610	F24J2/38; H01L31/042	GTC CORP CO LTD [KR]; SOLAR VISION CO LTD [KR]	A SOLAR GENERATOR HAVING AN ANGLE CONTROL DEVICE
KR20100133338 A 20101221	KR20100114318 20101117	F03D5/00; F03D1/04; F03D9/00; F24J2/00	LEE MI HWA [KR]	WIND POWER JENERATOR DEVICE USING SOLAR
KR20100134252 A 20101223	KR20090052774 20090615	F24F7/08; F24F13/28; F24J2/00	KUMHO IND CO LTD [KR]	FACADE SYSTEM FOR ENERGY SAVING
KR20100134756 A 20101223	JP20080120538 20080502; JP20080203940 20080807	F24J2/28; F24J2/08; F24J2/10; F24J2/38	ELECTRA HOLDINGS CO LTD [JP]	SOLAR ENERGY ABSORBER
KR20100135377 A 20101227	KR20090053707 20090617	F24J2/06; F24J2/24	AHN IK RO [KR]	A HEAT COLLECTOR
KR20100136772 A 20101229	KR20090055052 20090619	F03D9/00; F24J2/02	SHIN YOUNG CHUL [KR]	ELECTRONIC GENERATOR USING SOLAR AND WIND POWER
KR20100137614 A 20101231	KR20090055744 20090623	G02B5/04; F24J2/00	INSIDEOPTICS CO LTD [KR]	HIGH PHOTOVOLTAIC EFFICIENCY OPTICAL FILM FOR SOLAR CELL SYSTEM

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KR20100137871 A 20101231	KR20090056117 20090623	F24J2/52; F24J2/38; H01L31/042	KOREA ELECTRIC POWER CORP [KR]	PHOTOVOLTAIC POWER GENERATION EQUIPMENT
KR20100138506 A 20101231	KR20090057072 20090625	F24J2/00; F24D15/00	JUNG HAE CHANG [KR]	WATER BAG FOR HEATING
LV14124 B 20100720	LV20100000014 20100210		UNIV RIGAS TEHNISKA [LV]	SOLAR MODULE FOR SUMMER HOUSES
MA31640 B1 20100802	AU20070904057 20070730		KANEFF STEPHEN [AU]	B?TI DE SUPPORT AM?LIOR? POUR LE R?FLECTEUR D'UNE GRANDE ANTENNE PARABOLIQUE
MA31937 B1 20101201	JP20080226812 20080904		KAWASAKI PLANT SYSTEMS KABUSHIKI KAISHA [JP]	APPAREIL DE NETTOYAGE POUR UN CAPTEUR DE LUMI?RE DANS UN SYST?ME DE PRODUCTION D'?NERGIE H?LIOTHERMIQUE
MD20080231 A 20100630	MD20080000231 20080901	F24H6/00; F24H7/00; F24H7/02; F24H7/04; F24J2/00; F24J2/04; F24J2/06; F24J2/16; F24J2/34; F24J2/36; F24J3/00; F25D1/00	ERMURATSCHII VLADIMIR [MD]; ERMURATSCHII VASILI [MD]	Collector-accumulator of natural heat/cold
MD20080287 A 20100730	MD20080000287 20081204	F24J2/06; F24J2/00; F24J2/02; F24J2/04; F24J2/05; F24J2/10; F24J2/14; F24J2/24; F24J2/38; F24J2/50; F24J2/54	CARAGHEAUR MIHAIL [MD]	Tracking solar collector
MD20090044 A 20101231	MD20090000044 20090422	F24J2/00; F24J2/05; F24J2/20	INST DE ENERGETICA AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]	Solar heat receiver

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MD265Y Y 20100831	MD20090000181U 20090928	F24J2/42; F03G6/02; F03G6/06; F24H7/00; F24H7/02; F24H7/04; F24J2/00; F24J2/05; F24J2/06; F24J2/24; F24J2/34; F28D1/00; H01L31/042; H02N6/00	SAINSUS IURII [MD]	Photothermoelectric plant
MX2008008559 A 20101221	MX20080008559 20080619	F24J2/02	JASSO JOSE LUIS PICASSO [MX]	IMPROVED SOLAR WATER HEATER WITH STATIC CONCENTRATOR.
MX2009001368 A 20100813	MX20090001368 20090205		TOPETE BENJAMIN JAVIER JAUREGUI [MX]	PANEL-FREE SOLAR HEATER.
MX2009001891 A 20100820	MX20090001891 20090220		CAMPO JOSE LUIS ESTEBAN CORDERO GOMEZ DEL [MX]	SEALED CAP FOR CLOSING SOLAR HEATERS AND PREVENTING WATER FROM COOLING.
MX2009002763 A 20100927	MX20090002763 20090313		CAMPO JOSE LUIS ESTEBAN CORDERO GOMEZ DEL [MX]	DEVICE FOR AVOIDING BULKINESS CAUSED BY WATER PRESSURE IN THE SHEETS OF FLAT-SHEET SOLAR HEATERS AND TANK-HEATERS.
MX2009003150 A 20100927	MX20090003150 20090324	F24J2/42	CAPTASOL S A DE C V [MX]	SOLAR WATER HEATER.
MX2009005287 A 20101111	MX20090005287 20090507	F24J2/04	VILLALPANDO ALFREDO SARDANETA Y [MX]	SOLAR HEATING SYSTEM FOR POOLS.
MX2010001997 A 20100823	EP20090002575 20090224	F24J2/24	MINERA CATALANO ARAGONESA SA [ES]	SUPPORT STRUCTURE FOR SOLAR COLLECTOR.
MX2010004190 A 20101018	ES20090001011 20090417	H01L31/042; F24J2/52	SENER INGENIERIA Y SIST S S A [ES]	HELIOSTAT FACET.

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MX2010005412 A 20100802	EP20070120791 20071115; WO2008GB04057 20081210	G01S3/786; F24J2/54	TECHNOLOGY PARTNERSHIP [GB]	LIGHT TRACKING DEVICE.
MX2010007684 A 20100831	AU20080100048 20080116; WO2008AU01530 20081017	F24J2/02; F24J2/24; F24J2/36; F24J2/42; F24J2/46; F24J2/52; F24J2/54	SOLEIR LTD [AU]	A SOLAR REFLECTOR.
MX2010009326 A 20101221	EP20080380058 20080226; WO2009EP52310 20090226	F24J2/14	RIOGLASS SOLAR S A [ES]	A REFLECTOR ELEMENT FOR A SOLAR HEAT REFLECTOR AND THE METHOD FOR PRODUCING THE SAME.
MX2010009803 A 20101221	EP20080004164 20080306; WO2008EP09181 20081030	H01L31/042; F24J2/52; H01L31/048	INVENTUX TECHNOLOGIES AG [DE]	MODULE FOR CONVERTING SOLAR RADIATION INTO ELECTRICITY.
MX2010011728 A 20101125	US20080071610P 20080507; FR20080057712 20081113; WO2009EP55558 20090507	C12Q1/68; F24J2/07; F24J2/38; F24J2/40; G01N33/68; H01L31/052; H01L31/058	GALDERMA RES & DEV [FR]	MODULATORS OF CARNITINE OCTANOYLTRANSFERASE IN THE TREATMENT OF ACNE, OF SEBORRHOEIC DERMATITIS OR OF HYPERSEBORRHOEA.
NL1036464C C 20100809	NL20091036464 20090126	C02F1/14; F24J2/42	LEGERLEDE HOLDING B V [NL]	WERKWIJZE VOOR HET BENUTTEN VAN FOTOTHERMISCHE ENERGIE TEN BEHOEVE VAN DE PRODUCTIE VAN ZOETWATER UIT ZOUT EN BRAKWATER, ALSMEDE DE GELIJKTIJDIGE PRODUCTIE VAN KOUDE WELKE IS TE BENUTTEN VOOR KOELDOELEINDEN, VAN GEBOUWEN EN PRODUCTIE PROCESSEN, ALS ALTERN
NL1036649C C 20100903	NL20091036649 20090302	F24J2/04	LUIJTEN SMEULDERS ARCHITECTEN B V [NL]; SINIS V O F [NL]	GEBOUW MET MIDDELEN VOOR ENERGIEPRODUCTIE.

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NL1036855C C 20101018	NL20091036855 20090415	F24J2/26	CONS GROEP B V [NL]	WARMTECOLLECTOR EN WARMTE COLLECTERENDE DAKCONSTRUCTIE.
NL1037010C C 20101208	NL20091037010 20090603	F24J2/04; F24J2/52; H01L31/042	ECOFYS NETHERLANDS B V [NL]	A METHOD OF MOUNTING A MULTITUDE OF DEVICES FOR HANESSING SOLAR ENERGY, A POSITIONING BODY FOR USE IN SAID METHOD, A CLAMP GUIDING BODY, AND A PREFAB ROOF ELEMENT.
NL1037094 A 20100817	NL20091037094 20090702; NL20091036575 20090216	E04D13/18; F24J2/52; H01L31/042	EUROP S ENERGY POINT [NL]	TWEEDE SERIE AANVULLENDE KENMERKEN VAN HET ZONNESYSTEEM DAT ELEKTRICITEIT PRODUCEERT BOVEN SPOORLIJNEN.
NL1037105C C 20101004	NL20091036790 20090331; NL20091037105 20090708	E04D13/18; F24J2/52	SOMMEREN GERARDUS FRANCISCUS JOHANNES [NL]	DRAAGSYSTEEM EN ZONNEPANEEL VOORZIEN VAN EEN DERGELIJK DRAAGSYSTEEM.
NL2002448C C 20100726	NL20092002448 20090123	F24D3/16; F24J2/04	MAGER CORNELIS PAUL [NL]; SLEBOS HENK [NL]; BUUREN TERENCE HANS VAN [NL]	WARMTEWISSELAARPANEEL, GESCHIKT ALS BOUWELEMENT IN DE VORM VAN EEN PLAFOND-, MUUR-, DAK- EN/OF VLOERELEMENT.
NL2002529C C 20100816	NL20092002529 20090213	F24J2/07	NEM B V [NL]	SOLAR RECEIVER HAVING BACK POSITIONED HEADER.
NL2002778C C 20101028	NL20092002778 20090423	F24J2/54	VALK SYSTEMEN B V V D [NL]	KANTELBAAR DRAAGINRICHTING VOOR ZONNEPANELEN.
NL2002779C C 20101026	NL20092002779 20090423	F24J2/54	VALK SYSTEMEN B V V D [NL]	DRAAGINRICHTING VOOR ZONNEPANELEN.
NL2003041C C 20101221	NL20092003041 20090618	E03B3/00; F24J2/52; F24J2/54; H01L31/042; H01L31/045; H01L31/048	SUBLEAN GROUP B V [NL]	INRICHTING EN WERKWIJZE VOOR HET VOOR EEN VARIABLE FUNCTIE BENUTTEN VAN EEN OPPERVLAK.

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NL2003336 A 20101018	NL20091036855 20090415; NL20092003336 20090805	F24J2/26; F24J2/46	CONS GROEP B V [NL]	WARMTECOLLECTOR EN WARMTE COLLECTERENDE DAKCONSTRUCTIE.
NL2005008 A 20101029	WO2009EP59444 20090722	F24J2/26; H01L31/058	HELIOS MULTI ENERGY ROOFING SYSTEM B V [NL]	SYSTEM AND METHOD SUITABLE FOR CONVERTING SOLAR ENERGY.
NZ553580 A 20101029	US20040935396 20040908; WO2005EP09593 20050907	F24J2/52	NIKOLAUS JOHANNES LAING	Three rotating circular floating solar platforms that follow the sun
NZ555529 A 20101126	AU20040906923 20041203; WO2005AU01823 20051202	H01Q15/16; F24J2/52; H01Q19/12; H01Q19/17	EDO DOL	A reflector assembly for energy concentrators with an annular array of concentric reflective elements
NZ560755 A 20100930	AU20050900451 20050204; WO2006AU00115 20060131	F24J2/48; F16K31/64; F24J2/04; G05D23/02	RHEEM AUSTRALIA PTY LTD	An overtemperature protection system for a solar water heating system
PL118263U U1 20101206	PL20090118263U 20090601	F24J2/05; F24J2/50	SUNEX SPOLKA Z OGRANICZONA ODPOWIEDZIAL NOSCIA [PL]	Solar collector
PL387525 A1 20100927	PL20090387525 20090317	F24J2/05	TR & EOGON BOWICZ RAFA & LSTRO [PL]	System for distribution of a medium heated in a solar energy collector
PL387644 A1 20101011	PL20090387644 20090330	F24J2/05	ECOJURA SPO & LSTROK KA Z OGRA [PL]	Solar collector
PT104590 A 20101125	PT20090104590 20090525	F24J2/12	UNIV DO ALGARVE [PT]	COLECTOR SOLAR PARA AQUECIMENTO DE FLUÍDO TÉRMICO COM DUPLO CIRCUITO INTEGRADO

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RS47404 B 20101231	RSP47404 20040528	F24J2/00	SPINDLER ALEKSEJ [RS]; SPINDLER TAMARA [RS]	SOLAR COLLECTORS WITH SPACED REFLECTIVE MIRRORS AND THE APPLICATION OF SOLAR COLLECTORS FOR AIR PRE-HEATING
RU2009111799 A 20101010	RU20090111799 20090330	F24J2/42	TIMOFEEV VITALIJ NIKIFOROVICH [RU]	DEVICE FOR SOLAR TO ELECTRIC ENERGY CONVERSION
RU2395043 C1 20100720	RU20090128833 20090727	F24J2/42	KHARITONOV PETR TIKHONOVICH [RU]	METHOD, DEVICE AND MAGNETIC TRAP FOR CONTROLLING ENERGY EFFICIENCY AND LIGHT TRANSMITTANCE OF SOLAR COLLECTOR WITH LIQUID HEAT CARRIER
RU2395758 C1 20100727	RU20090113382 20090409	F24J2/42	MIN PROMY I TORGOVLI RF [RU]	SOLAR POWER STATION
RU2396493 C1 20100810	RU20090119875 20090527	F24J2/10	ROSSIJSKAJA AKADEMIJA SEL SKOK [RU]	SOLAR PLANT WITH HUB
RU2396494 C1 20100810	RU20090117585 20090508	F24J2/14; F24J2/42	G OBRAZOVATEL NOE UCHREZHDENIE [RU]	FOCUSING SOLAR SET
RU2396495 C1 20100810	RU20090100233 20090111	F24J2/42	UCHREZHDENIE ROSSIJSKOJ AKADEM [RU]	SELF-CONTAINED SYSTEM FOR DIRECTING SUN RAYS ONTO OBJECT
RU2398162 C1 20100827	RU20090118250 20090514	F24J2/24	MELIKOV EHDUARD NIKOLAEVICH [RU]; JUROV ALEKSEJ IVANOVICH [RU]	METHOD AND DEVICE FOR CONTROL OF HEAT-MASS TRANSFER IN GAS MEDIUM

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RU2403510 C1 20101110	RU20090125886 20090706	F24J2/08; G02F1/00	G NAUCHNOE UCHREZHDENIE INST FIZ IM B I STEPANOVA NATSIONAL NOJ AKADEMII NAUK BELARUSI [BY]	HOLOGRAPHIC SOLAR CONCENTRATOR
RU2403511 C1 20101110	RU20090119089 20090520	F24J2/42	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA CHITINSKIJ GU CHITGU [RU]	SOLAR PLANT AND METHOD OF ITS OPERATION
RU2404903 C1 20101127	RU20090144199 20091201	B64B1/08; F24J2/52	SHOROMOV NIKOLAJ PAVLOVICH [RU]	AIRSHIP WITH SOLAR BATTERIES
RU2406941 C1 20101220	RU20090127479 20090716	F24J2/42	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA ASTRAKHANSKIJ GU AGU [RU]	HELIOWIND POWER PLANT
RU2407957 C1 20101227	RU20090148440 20091228	F24J2/04; F24J2/50	KAZANDZHAN BORIS IVANOVICH [RU]	SOLAR COLLECTOR
SE0900090 A1 20100730	SE20090000090 20090129	F24J2/10; F24J2/24	SOLKUNGEN AB [SE]	Anordning vid en solfÖngare

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SE0900091 A1 20100730	SE20090000091 20090129	F24J2/16; F24J2/24; F24J2/42	SOLKUNGEN AB [SE]	SolfÖngare
SE0900198 A1 20100818	SE20090000198 20090217	F24J2/07; F24J2/10; H01L31/052; H01L31/058	ABSOLICON SOLAR CONCENTRATO R AB [SE]	Receiver f÷r PV/T solenergisystem
SE0900497 A1 20101016	SE20090000497 20090415	H01L31/042; G01S3/786	GLOBAL SUN ENGINEERING SWEDEN AB [SE]	Solf÷ljningssensor f÷r styrning och irientering av en solpanel
SE0901475 A1 20100914	SE20090001475 20091123	F24J2/20; E04B1/00	NORDISKA BALCO AB [SE]	Anordning f÷r uppvärmning av luft pÖ en inglasad balkong
SE0950470 A1 20101219	SE20090050470 20090618	F24J2/36; F24J2/20	SOLTECH ENERGY SWEDEN AB [SE]	Ljusabsorberande anordning
SE1000544 A1 20100827	SE20100000544 20100521	F24J2/00	ELECTROLUX AB [SE]	HushÖllsmaskin
SE533461 C2 20101005	SE20080001406 20080616	F25B30/06; F24J2/44	CLIMATEWELL AB PUBL [SE]	Utsläppsfritt kylsystem
SI22981 A 20100831	SI20090000355 20091112		SOLARNI TERMO SISTEMI STS D D [SI]	MODULAR SYSTEM OF A DUCT GRID OF SOLAR CELLS FOR HEATING AIR
SI23002 A 20100930	SI20090000085 20090330		KEMIJSKI INST [SI]	Procedure for sol-gel preparation of corrosion protection coatings for solar collectors
SI23059 A 20101130	SI20090000148 20090525		HROVATIC IGOR [SI]	Collector for collecting and converting solar energy
SI23060 A 20101130	SI20090000150 20090526	F24J2/06; G02B7/182	SONCNA EN D O O [SI]	Laminated curved panel, preferentially parabolic one with mirror, andprocedure of its manufacture
SI23081 A 20101231	SI20100000243 20100813	F24J2/04; F26B3/02	SOLARNI TERMO SISTEMI STS D D [SI]	DEVICE AND METHOD FOR DRYING BY WAY OF SOLAR CELLS
SK500242010U U1 20100707	CZ20090021102U 20090414	F24J2/46; F28D21/00	UTIKAL JAROSLAV [CZ]	External heat-exchanger

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SK50732009U U1 20101207	AT20080000711U 20081209	E04D13/00; F24J2/00	REINHARD EDER BLECHBAUGESE LLSCHAFT M B H [AT]	Kit
TR200900233 A1 20100823	TR20090000233 20090113	F24J2/00; A23L3/40; F26B9/02	GOEKSER MAK SAN VE TIC LTD STI [TR]	Hibrid gıda kurutma sistemi
TR200900344 A2 20100823	TR20090000344 20090116	F24J2/00	SAHIN OKAN [TR]	Tanksız g ³ nes enerjili su isitma ³ nitesi
TR201001739U U 20100721	TR20100001739U 20100309	F24J2/04	OEZEL SERGUEN GUENISI INSAAT M [TR]	G ³ nes enerjisi sistemlerinde yenilik.
TR201001740U U 20100823	TR20100001740U 20100309	F24J2/04	OEZEL SERGUEN GUENISI INSAAT M [TR]	G ³ nes enerjisi sistemi deposunda yenilik.
TR201002996U U 20100721	TR20100002996U 20100416	F24J2/24	BUETEM METAL FORM SAN VE TIC A [TR]	Vakum t ³ pl ³ , basınçlı, direk sirk ³ lasyonlu kollektör.
TWI334013B B 20101201	TW20070115860 20070504	F24J2/20; E04D13/18	FOXCONN TECH CO LTD [TW]	Nature air conditioning device
US2010162641 A1 20100701	FR20070054611 20070420; WO2008FR50689 20080417	E04D13/18; E04B1/38	ARCELORMITTA L STAINLESS AND NI [FR]; SOLARTE [FR]	BEARING FRAME FOR A PANEL SUCH AS A PHOTOELECTRIC PANEL AND BUILDING EXTERNAL WALL INCLUDING SUCH FRAMES
US2010163014 A1 20100701	US20090642704 20091218; US20080141202P 20081229	F24J2/38	SKYLINE SOLAR INC [US]	HIGH GROUND COVER RATIO SOLAR COLLECTION SYSTEM
US2010163015 A1 20100701	US20090604973 20091023	F24J2/46	CHEVRON USA INC	SOLAR CANOPY CONNECTOR SYSTEM

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US2010163016 A1 20100701	CN20051027212 20050628; WO2006CN01476 20060627	F24J2/42; F24J2/00; F24J2/04	PAN GE [CN]	Method for Producing Hot Water Utilizing Combined Heat Resources of Solar Energy and Heat Pump in the Manner of Heating Water at Multiple Stages and Accumulating Energy and a Device Especially for Carrying Out the Method
US2010170293 A1 20100708	WO2007RU00514 20070914	F25B15/00; F24J2/34; H02J7/14; H02P9/04	IP REACT LLC [US]	Autonomous Power Supply System
US2010170497 A1 20100708	US20090319248 20090105	F24J2/40	KENERGY DEV CORP	Reciprocating solar engine
US2010170498 A1 20100708	US20090349887 20090107	F24J2/40; G01J3/28; G01J3/42	HAMILTON SUNDSTRAND CORP [US]	AIR INSTRUMENTATION SYSTEM FOR CONCENTRATED SOLAR POWER GENERATION SYSTEMS
US2010170499 A1 20100708	US20070376836 20070808; US20060836282P 20060808; US20060849678P 20061004; WO2007IL00989 20070808	B01D5/00; B01D53/02; B23P19/04; F24J2/32; F25D31/00	EWA TECH LTD [IL]	METHOD AND APPARATUS FOR EXTRACTING WATER FROM ATMOSPHERIC AIR AND UTILIZING THE SAME
US2010170500 A1 20100708	US20090349838 20090107	F24J2/04	HAMILTON SUNDSTRAND CORP [US]	AIR DRYING SYSTEM FOR CONCENTRATED SOLAR POWER GENERATION SYSTEMS
US2010170501 A1 20100708	US20090639970 20091216; US20080141642P 20081230	F24J2/04; F04B49/10; F28F13/12	PVT SOLAR INC [US]	METHOD AND SYSTEM FOR OPERATING A THERMAL SOLAR SYSTEM USING A REVERSE MOTOR CONFIGURATION
US2010170502 A1 20100708	US20090383353 20090323; US20090319248 20090105; US20090321402 20090120	F24J2/10	KENERGY DEV CORP	Reciprocating solar engine with solar reflectors

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US2010170560 A1 20100708	US20090456656 20090619; US20080132490P 20080619	F24J2/10; B32B27/00; F25B21/02; H01L31/052	SAPIENZA RICHARD SABINO [US]; BAGNO ROBERT [US]	Durable, lightweight, and efficient solar concentrator
US2010175685 A1 20100715	US20100685529 20100111; US20090502085 20090713; US20080080554P 20080714	F24J2/38; B23P15/26; F24J2/00; F24J2/08	CAMPBELL ROBERT OWEN [US]; MACHADO MICHAEL GEORGE [US]	Advanced Tracking Concentrator Employing Rotating Input Arrangement and Method
US2010175686 A1 20100715	TW20090200608U 20090114	F24J2/38; F24J2/02	TU YU-TA [TW]	Solar Energy Collector
US2010175687 A1 20100715	US20090319894 20090113	F24J2/46; F03G6/00; F24J2/04	HAMILTON SUNDSTRAND CORP [US]	Catalyzed hot gas heating system for concentrated solar power generation systems
US2010175688 A1 20100715	SE20070001468 20070615; WO2008SE50715 20080613	F24J2/04	SOLTECH ENERGY SWEDEN AB [SE]	A LIGHT ABSORBER DEVICE
US2010175689 A1 20100715	US20090319893 20090113	F24C3/02; F23L15/00; F24J2/00; F24J2/42	HAMILTON SUNDSTRAND CORP [US]	Catalyzed hot gas heating system for pipes
US2010175733 A1 20100715	ES20070000538 20070301; WO2008ES00050 20080131	H01L35/00; F24J2/34; F24J2/40	WATTPIC EN INTELLIGENT S L [ES]	MACHINE COMPRISING A SOLAR HEAT SOURCE
US2010175739 A1 20100715	TW20090200610U 20090114	H01L31/052	TU YU-TA [TW]	Three-Dimensional Solar Energy Receiving Device
US2010176602 A1 20100715	US20070066054 20070727; US20070905729P 20070308; WO2007US74646 20070727	F02B63/04; F02C6/00; F03G6/00; F24J2/34	RES FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK [US]	SOLAR POWER PLANT AND METHOD AND/OR SYSTEM OF STORING ENERGY IN A CONCENTRATED SOLAR POWER PLANT

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US2010179678 A1 20100715	US20100694190 20100126; US20040922117 20040819; US20030496476P 20030820; US20030517438P 20031105	G06F19/00; F24J2/46; F24J2/52; H01L25/00; H01L31/048	SUNPOWER CORP [US]	PV Wind Performance Enhancing Methods
US2010180885 A1 20100722	US20090355804 20090119	F24J2/40; F24J2/51	LEE JEFFREY [TW]	SOLAR ENERGY-BASED WATER HEATING AND POWER GENERATING MODULE
US2010180886 A1 20100722	TW20090101854 20090119	F24J2/38	CHANG HSUAN- HSI [TW]	STRUCTURE AND METHOD FOR CONTROLLING SOLAR ENERGY BOARD
US2010180887 A1 20100722	US20090355995 20090119	F24J2/48	DZIADIK PAUL C [US]	Solar Energy Collection System and Components
US2010180931 A1 20100722	HU20070000502 20070801; WO2008HU00094 20080731	H01L31/052	GOEDE GABO [HU]	Solar Power Equipment for the Industrial Processing of Various Materials Through the Utilization of Solar Energy
US2010185333 A1 20100722	US20100692559 20100122; US20090146508P 20090122; US20090171263P 20090421; US20090254963P 20091026	G05D3/20; G01C25/00; G01M1/38; G05D7/06	OOSTING KENNETH [US]	FEEDFORWARD CONTROL SYSTEM FOR A SOLAR TRACKER
US2010186732 A1 20100729	ZA20070000279 20070710; WO2008IB52714 20080707	F24J2/40; F24J2/04; F24J2/50	BRITS GAVIN JOHN [ZA]	FLUID HEATING SYSTEM
US2010186733 A1 20100729	AT20070000512 20070330; WO2008AT00117 20080328	F24J2/36	HELIOVIS AG	Inflatable Solar Collector

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US2010186734 A1 20100729	DK20070000195 20070205; WO2008DK50024 20080205	F24J2/04; F24F7/00; F24J2/00; G05B15/00	ARNDT PAUL RIIS [DK]	SOLAR AIR HEATER FOR HEATING AIR FLOW
US2010186817 A1 20100729	TW20080202608U 20080205	H01L31/00; G01J1/04; G01J1/44	CHEN SHIH-HUI [TW]; LIN CHIN- TIEN [TW]	Light Intensity Display Apparatus and Application Thereof
US2010186820 A1 20100729	US20090459391 20090630; US20080291544 20081110; WO2008US14081 20081226	H01L31/00; F03G6/06; F24J2/04; F24J2/24	SCHON STEVEN G [US]	Solar electricity generation with improved efficiency
US2010191378 A1 20100729	US20080532942 20080326; US20070896991P 20070326; WO2008US58305 20080326	G05B15/00; F03G6/06; F24J2/38; F24J2/40	BRIGHTSOURCE IND ISRAEL LTD [US]	DISTRIBUTED POWER TOWERS WITH DIFFERENTIATED FUNCTIONALITIES
US2010192940 A1 20100805	KR20070088774 20070903; WO2007KR05354 20071029	F24J2/38; F24J2/02; F24J2/40	YOON JOO- PYOUNG [KR]	Sun Following Sensor Unit And A Sun Following Apparatus Having The Same Therewith
US2010192941 A1 20100805	US20090416207 20090401; US20090148488P 20090130	F24J2/38	STOIA MICHAEL F [US]; BLANDING DAVID E [US]; SEXTON MATTHEW R [US]	Solar Concentration System With Micro-Mirror Array
US2010192942 A1 20100805	AU20070905197 20070924; AU20070906960 20071219; WO2008AU00772 20080530	F24J2/38	GLOBAL PRODUCT DESIGN PTY LTD [AU]	SOLAR TRACKING SYSTEM

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US2010192943 A1 20100805	NZ20070556555 20070716; WO2008IB01837 20080716	F24J2/24	KING BRUCE JAMES [NZ]	SOLAR HEAT COLLECTION SYSTEM
US2010192944 A1 20100805	US20090366644 20090205	F24J2/08; B01D3/00; F03G6/06	GRUBER MAX L [US]	SOLAR WATER HEATER AND DISTILLER
US2010193030 A1 20100805	ES20070001933 20070710; WO2008ES00485 20080709	H01L31/00	ALEJO TREVIJANO JOSE JAVIER [ES]	SOLAR ENERGY CONCENTRATOR AND ASSEMBLY METHOD
US2010199577 A1 20100812	US20100660120 20100219; NL20041025191 20040108; US20060585678 20060707; WO2005NL00009 20050110	E04D13/18; A01G9/00; A01G9/14; B32B3/00; E04C2/54; E04D3/28; F24J2/06; F24J2/50; H01L31/00	SONNEVELD PIETER JAN [NL]	Cover for an object using solar radiation
US2010199669 A1 20100812	DE200810036527 20080806	F24J2/34; F03G6/00	GATHMANN NILS [DE]	Thermal Energy Store
US2010199969 A1 20100812	US20090378147 20090210	F24J2/42	CHAN EDMUND [US]	Pool protection and solar heating cover
US2010199970 A1 20100812	US20090378369 20090212	F24J2/00	BLOMBERG WILLIAM JOSEPH [US]	Trough heat collector element insulator
US2010199971 A1 20100812	US20090367527 20090208	F24J2/38	ATOMIC ENERGY COUNCIL [TW]	Controlling Apparatus for a Concentration Photovoltaic System
US2010199973 A1 20100812	NZ20060551361 20061114; WO2007NZ00336 20071114	F24J2/42; F24J2/00; F24J2/04; F24J2/32	HOOK COLIN DAVID [NZ]	SYSTEM AND METHOD FOR HEATING WATER

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US2010199975 A1 20100812	US20100657259 20100119; US20090322944 20090210	F24J2/34	BAILEY WAYNE E [US]	Solar thermal collector cabinet and system for heat storage
US2010199977 A1 20100812	US20100703861 20100211; US20090151984P 20090212; US20090152011P 20090212; US20090152035P 20090212; US20090152049P 20090212; US20090152077P 20090212; US20090152114P 20090212; US20090152286P 20090213	F24J2/04; F24J2/02	BABCOCK POWER SERVICES INC [US]	PANEL SUPPORT SYSTEM FOR SOLAR BOILERS
US2010199981 A1 20100812	US20090368460 20090210	F24J2/51	SOLAR DESIGN GROUP LLC	PASSIVE SOLAR PORTABLE HEATER
US2010205962 A1 20100819	US20100698357 20100202; US20080259094 20081027; US20090630705 20091203	F03G6/00; F01K7/16; F01K13/00; F01K25/08	KALEX LLC [US]	SYSTEMS, METHODS AND APPARATUSES FOR CONVERTING THERMAL ENERGY INTO MECHANICAL AND ELECTRICAL POWER
US2010205963 A1 20100819	US20100770194 20100429; US20080198219 20080826	F03G6/06; F24J2/38; F24J2/42	AMMAR DANNY F [US]	CONCENTRATED SOLAR POWER GENERATION SYSTEM WITH DISTRIBUTED GENERATION

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US2010206298 A1 20100819	US20080675517 20080831; US20070969088P 20070830; WO2008IL01180 20080831	F24J2/24; F03G6/06; F24J2/00; F24J2/46	YEDA RES & DEV [IL]	SOLAR RECEIVERS AND SYSTEMS THEREOF
US2010206299 A1 20100819	US20070974282 20071012; WO2008US11682 20081010; US20080682450 20081010	F24J2/10	CRAMER NEAL [US]	SOLAR PANEL
US2010206300 A1 20100819	US20100708092 20100218; US20090153748P 20090219	F24J2/24	INNOVATION MASTERS LLC [US]	SOLAR ENERGY COLLECTING SYSTEM AND METHOD
US2010206301 A1 20100819	US20100689688 20100119; US20090145635P 20090119	F24J2/46; F16B1/00	JAC PRODUCTS INC [US]	SYSTEM AND METHOD FOR FORMING AN INTERLOCKING SOLAR PANEL ARRAY
US2010206302 A1 20100819	US20090473240 20090527; US20090388500 20090218	F24J2/12	PALO ALTO RES CT INC [US]	Rotational Trough Reflector Array For Solar-Electricity Generation
US2010206303 A1 20100819	US20090389286 20090219	F24J2/10	THORNE STEVE [US]	Solar Concentrator Truss Assemblies
US2010206379 A1 20100819	US20090611842 20091103; US20090388500 20090218	H01L31/00; F24J2/10	PALO ALTO RES CT INC [US]	Rotational Trough Reflector Array With Solid Optical Element For Solar-Electricity Generation
US2010212653 A1 20100826	US20090392316 20090225	F24J2/38	SOLFOCUS INC [US]	Field Level Tracker Controller

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US2010212654 A1 20100826	ES20070001932 20070710; ES20080001950 20080630; WO2008ES00486 20080709	F24J2/38; B23P15/26; F24J2/02; F24J2/08; F24J2/10; F24J2/24	ALEJO TREVIJANO JOSE JAVIER [ES]	SOLAR ENERGY CONCENTRATOR AND MOUNTING METHOD
US2010212656 A1 20100826	US20090501396 20090710; US20080079787P 20080710	F24J2/34; F28D20/00	INFINIA CORP [US]	THERMAL ENERGY STORAGE DEVICE
US2010212657 A1 20100826	DK20050000933 20050624; WO2006EP05896 20060620	F24J2/46; F24J2/50	MOELLER BRENT [DK]	Solar Collector
US2010212658 A1 20100826	DK20050000934 20050624; WO2006EP05812 20060616	F24J2/46; F24J2/50	VKR HOLDING AS [DK]	Solar Collector
US2010212659 A1 20100826	US20090390801 20090223	F24J2/46	PURE POWER DISTRIB LLC [US]; WEST COAST GREEN POWER INC [US]	Trailer With Solar Panels
US2010212660 A1 20100826	NL20071034015 20070622; WO2008NL50416 20080623	F24J2/24; F24J2/08	SCHILDER JOHANNES JACOBUS MARIA [NL]	DEVICE FOR COLLECTING SOLAR ENERGY
US2010212719 A1 20100826	US20080666431 20080625; US20070946138P 20070625; WO2008GB02239 20080625	H01L31/052; F24J2/10; F24J2/34	STOLUM HANS- HENRIK KOFOED [GB]	SYSTEM AND METHODS OF UTILIZING SOLAR ENERGY

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US2010218491 A1 20100902	US20080741492 20081105; US20070001867P 20071105; US20080091215P 20080822; WO2008US82449 20081105	F15B13/00; C01B3/02; C01B3/08; C01B31/18; F24J2/00	WEIMER ALAN W [US]; PERKINS CHRISTOPHER [US]; SCHEFFE JONATHAN [US]; GEORGE STEVEN M [US]; LICHTY PAUL [US]	METAL FERRITE SPINEL ENERGY STORAGE DEVICES AND METHODS FOR MAKING AND USING SAME
US2010218756 A1 20100902	US20100712208 20100225; US20090202439P 20090227	F24J2/42	EREZ RONI [IL]	HEAT RETAINING COVER FOR SWIMMING POOLS
US2010218757 A1 20100902	DK20050000906 20050620; DK20050001844 20051229; WO2006DK00358 20060620	F24J2/40; F24J2/00; F24J2/04	CN ENERGY DEV AS [DK]	SOLAR WATER HEATING SYSTEM
US2010218758 A1 20100902	US20090622472 20091120	F24J2/38	IBM [US]	SOLAR ENERGY ALIGNMENT AND COLLECTION SYSTEM
US2010223807 A1 20100909	WO2008RS00034 20081106; RSP20070441 20071108	F26B21/08; F24J2/38; F25B1/00; F26B25/00; F26B25/18	VESELINOVIC NENAD [RS]; VESELINOVIC MILOS [RS]	Solar And Electric Energy Dryers
US2010223925 A1 20100909	JP20090053466 20090306	F03G6/00; F24J2/48	MITSUBISHI HEAVY IND LTD	SOLAR THERMAL RECEIVER AND SOLAR THERMAL POWER GENERATION FACILITY
US2010224181 A1 20100909	TW20090106895 20090303	F24J2/38	UNIV NAT TAIWAN [TW]	HIGH-EFFICIENCY ARRAY TYPE FOCUSING SOLAR TRACKING SYSTEM
US2010224182 A1 20100909	AU20070905405 20071003; WO2008AU01476 20081003	F24J2/40; F16K1/16; F24J2/00; F24J2/04	DUX MFG LTD [AU]	Solar Hot Water System and Method of Operating a Solar Hot Water System

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US2010224183 A1 20100909	MX2006NL00045 20060724; WO2007MX00087 20070723	F24J2/24	ITESM [MX]	Flat Vacuum Solar Collector Having Chamber-Type Heads
US2010224234 A1 20100909	US20100660646 20100302; US20090209007P 20090303	H01L31/058; B23P11/00; F24J2/34	FISCHER JAY D [US]	Solar energy system
US2010224696 A1 20100909	US20100723618 20100312; US20060359852 20060222; US20050212824 20050825; US20030724310 20031126; US20020428928P 20021126	A01G15/00	SOLAREN CORP [US]	WEATHER MANAGEMENT USING SPACE-BASED POWER SYSTEM
US2010229850 A1 20100916	US20070651396 20070110	F24J2/38; F24J2/10; F24J2/36	RSV INV ENTPR	Inflatable heliostatic solar power collector
US2010229852 A1 20100916	US20100661321 20100313; US20090210198P 20090316	F24J2/50; F24J2/10	BUCKLEY B SHAWN [US]	Solar energy module
US2010229854 A1 20100916	US20090381696 20090316	F24J2/08	MARTIN-LOPEZ FERNANDO RAMON [US]	Solar energy collector
US2010236539 A1 20100923	US20090561172 20090916; US20080097321P 20080916; US20080097304P 20080916	F24J2/38; F24J2/00	LEE GREGORY JIN-KENG [US]	SOLAR CONCENTRATOR AND PORTABLE TRACKING DEVICE

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US2010236540 A1 20100923	FR20070058011 20071002; WO2008IB02538 20080924	F24J2/38; F24J2/10	HAUF HARALD [FR]; VAN SOTHACHETT [FR]	DEVICE FOR COLLECTING SOLAR RADIATION
US2010236543 A1 20100923	DE200610039804 20060825; WO2007EP58809 20070824	F24J2/48; B05D1/28; F24J2/00	HYDRO ALUMINUM DEUTSCHLAND GMB [DE]	Method for the production of an absorber plate for solar collectors
US2010236602 A1 20100923	US20100690684 20100120; US20090210805P 20090323	H01L31/052	COHEN ELI [US]	Solar Concentrator with Self-Tracking Features
US2010236604 A1 20100923	US20100714058 20100226; US20090156635P 20090302	H01L31/042; F24J2/38; F24J2/40	DEPAOLI MICHAEL THOMAS [US]	VERTICAL SOLAR PANEL ARRAY AND METHOD
US2010237028 A1 20100923	US20090383240 20090320	F24J2/52; A47B81/00; B23P11/00	NORTHERN STATES METALS COMPANY	Support system for solar panels
US2010242948 A1 20100930	US20100662086 20100330; US20090202745P 20090331	F24J2/38; F24J2/10; F24J2/24; F24J2/40; F24J2/46	FLEISCHMANN LEWIS W [US]	Solar collector-reflector system
US2010242949 A1 20100930	JP20090081823 20090330	F24J2/38; F24J2/24	MITSUBISHI HEAVY IND LTD	SUNLIGHT COLLECTING HEAT RECEIVER
US2010242950 A1 20100930	US20100749286 20100329; US20070681983 20070305	F24J2/04; F24J2/00; F24J2/40	TACO INC [US]	Solar Heating Systems
US2010242951 A1 20100930	US20100751114 20100331; US20090165183P 20090331	F24J2/22; B01D53/02	SOUCY PAUL B [US]	APPARATUS FOR INHIBITING PRESSURE FLUCTUATIONS AND MOISTURE CONTAMINATION WITHIN SOLAR COLLECTORS AND MULTI-GLAZED WINDOWS

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US2010242952 A1 20100930	US20090411702 20090326	F24J2/08; F28F1/10	CELSIA TECHNOLOGIES TAIWAN INC [TW]	SOLAR POWER SYSTEM WITH TOWER TYPE HEAT DISSIPATING STRUCTURE
US2010242953 A1 20100930	US20100709045 20100219; US20090164047P 20090327	F24J2/10	PPG IND OHIO INC [US]	SOLAR REFLECTING MIRROR HAVING A PROTECTIVE COATING AND METHOD OF MAKING SAME
US2010243023 A1 20100930	US20090680732 20090508; US20080126947P 20080508; US20080130359P 20080529; US20090205556P 20090121; WO2009US43368 20090508	H01L31/042; B23P11/00	SOLAR POWER INC [US]	Flat Roof Mounted Solar Panel Support System
US2010252024 A1 20101007	US20100727124 20100318; US20090161316P 20090318	F24J2/38	CONVERY MARK R [US]	System and Method for Aligning Heliostats of a Solar Power Tower
US2010252025 A1 20101007	US20080670622 20080728; US20070951970P 20070726; WO2008US71366 20080728	F24J2/38; F24J2/24	KROIZER ISRAEL [IL]; KAUFMANN GABRIEL [IL]	SOLAR RECEIVER
US2010252027 A1 20101007	US20090384220 20090402	F24J2/40; F24J2/10	RVS INV ENTPR	Low-cost heliostatic mirror with protective inflation stabilizable surface element means
US2010252029 A1 20101007	JP20090091565 20090403	F24J2/30; G05D9/00; G05D23/00	HONDA MOTOR CO LTD	HOT WATER FEEDER
US2010252030 A1 20101007	US20090416536 20090401	F24J2/12; B23P15/26	ABENGOA SOLAR INC [US]	TORQUE TRANSFER BETWEEN TROUGH COLLECTOR MODULES

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US2010257882 A1 20101014	US20100820241 20100622; US20080205979 20080908; WO2009US49741 20090707; US20080086819P 20080807	F25B27/00; F24J2/04	PENEV KRASSIMIRE MIHAYLOV [US]; WHELAN GORDON PATRICK [US]	HYBRID WATER HEATING SYSTEM
US2010258110 A1 20101014	WO2007EP05475 20070621	F24J2/40	VOLTWERK ELECTRONICS GMBH [DE]	Modular Pivotal Solar Collector Arrangement
US2010258113 A1 20101014	US20090421967 20090410	F24J2/46; E06B9/24	HYATT LAWRENCE A [US]	LIGHT WING DEVICE
US2010258702 A1 20101014	US20100798757 20100410; US20090583787 20090826; US20090212854P 20090416; US20080190573P 20080829	G02B7/182; B23P11/00; F16B7/00; F16M11/00	WERNER EXTRUSION SOLUTIONS LLC [US]	Strut, system and method for a solar mirror frame
US2010263296 A1 20101021	GB20070024101 20071210; WO2008GB03938 20081126	E04B5/43; E04B1/38; F24J2/38	JONES DAVID PIERCE [CH]	Floor and Electrical Generator Module

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US2010263297 A1 20101021	US20100829647 20100702; US20080141792 20080618; US20040783808 20040221; US20030450004P 20030226; US20030477985P 20030612; US20030478036P 20030612	E04D13/18; E04B1/38; E04D13/064; E04H14/00; F24J2/52; H01L31/042; H01L31/048	UNIRAC INC [US]	LOW PROFILE MOUNTING SYSTEM
US2010263396 A1 20101021	US20100826448 20100629; US20040963646 20041014; US20030510155P 20031014	F25D21/14; B01D5/00; F24J2/07	RITCHEY JONATHAN G [CA]	ATMOSPHERIC WATER COLLECTION DEVICE
US2010263660 A1 20101021	US20090425351 20090416	F24J2/38	THORNE STEVE [US]	Solar Power Production and Metering
US2010263661 A1 20101021	US20090424058 20090415	F24J2/46	FAULKNER MICHAEL [US]	Roof Panel
US2010263662 A1 20101021	IT2007RM00474 20070914; WO2008IT00588 20080912	F24J2/24; F24J2/00	IMPROGEST SOLARE SRL [IT]	THERMAL INSULATING COVERING AND/OR COATING STRUCTURE WITH LINEAR SOLAR CONCENTRATION MEANS
US2010269430 A1 20101028	US20100832281 20100708; US20070759172 20070606	E04D13/18; F24J2/52	HADDOCK ROBERT M M [US]	ADJUSTABLE MOUNTING ASSEMBLY FOR STANDING SEAM PANELS
US2010269817 A1 20101028	US20090430869 20090427	F24J2/08	KELLY EDMUND JOSEPH [US]	Concentrating Solar Energy System

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US2010270235 A1 20101028	US20100767265 20100426; US20090173023P 20090427	C02F3/00; B63B22/00; F24J2/00	JPS IND INC [US]	BOUYANT WATER HEATING DEVICE
US2010275901 A1 20101104	US20090434791 20090504	F24J2/46	SIMMERS DOUGLAS EVAN [US]	Tracking Device With Weathervaning Wind Stowage Mode of Operation
US2010275902 A1 20101104	US20090586943 20090930; US20090215366P 20090504	F24J2/38; F24J2/00; F24J2/04; H01L31/00; H01L31/052	FALBEL GERALD [US]	Photovoltaic and thermal energy system
US2010275903 A1 20101104	US20080007152 20080107	F24J2/38	ATOMIC ENERGY COUNCIL [TW]	Solar tracker
US2010275904 A1 20101104	US20100771788 20100430; US20090174278P 20090430	F24J2/38; F24J2/52	SUNPOINT TECHNOLOGIES INC [US]	THERMAL-MECHANICAL POSITIONING FOR RADIATION TRACKING
US2010276570 A1 20101104	US20080808120 20081210; US20070013003P 20071212; WO2008US86148 20081210	G01C21/02	MOSER MARK KEVIN [US]	LIGHT SOURCE TRACKER
US2010282240 A1 20101111	US20100774714 20100505; US20090175462P 20090505	F24J2/42; F24J2/00	HARE WILLIAM D [US]	MULTI-MODE, ECO-FRIENDLY SWIMMING POOL HEATER SYSTEM
US2010282242 A1 20101111	US20100841335 20100722; US20080269785 20081112; US20070987132P 20071112	F24J2/38; F24J2/02; F24J2/10	BRIGHTSOURCE IND ISRAEL LTD [US]	SOLAR POWER TOWER SYSTEM OPERATION AND CONTROL

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US2010282243 A1 20101111	US20090613853 20091106; US20080112738P 20081108	F24J2/40; F24J2/38	TEXAS INSTRUMENTS INC [US]	Solar Tracking
US2010282295 A1 20101111	US20090453348 20090507	H01L31/052; F24J2/38; H01L31/042	GOMERY MICHAEL LEE [US]	Solar power unit
US2010282299 A1 20101111	US20100801816 20100628; US20050294482 20051206; US20040816933 20040405; US20030475002P 20030603	H01L31/052; F24J2/08; F24J2/54; G02B3/08; H01L31/042	RENSSELAER POLYTECH INST	Concentrating type solar collection and daylighting system within glazed building envelopes
US2010282943 A1 20101111	US20100758399 20100412; US20090176037P 20090506	G01J1/20; F24J2/38	BOYK SIDNEY WILLIAM [US]	SOLAR TRACKING PLATFORM WITH ROTATING TRUSS
US2010287933 A1 20101118	US20100779995 20100514; US20090179189P 20090518	F03G6/00; F24J2/34; F28D17/00	NIKNAFS HASSAN S [US]; SHERMAN DANIEL C [US]; WARNER DEAN [US]; SZYMANSKI THOMAS [US]; ADDIE ANDREW [US]	THERMAL ENERGY STORAGE APPARATUS
US2010288266 A1 20101118	US20090464854 20090512	F24J2/38; F24J2/06	DREVNIG ARTHUR [CA]	Solar Heater
US2010288267 A1 20101118	US20090465820 20090514	F24J2/04; B23P15/26	KANACK BRADLEY MICHAEL [US]	Solar Water Heating System and Components Thereof

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US2010293874 A1 20101125	US20100848716 20100802; US20070826607 20070717; US20020116384 20020404; US20010910655 20010720	F24J2/52; E04D13/18	UNIRAC INC [US]	SYSTEM FOR MOUNTING A PHOTOVOLTAIC MODULE TO A SURFACE
US2010294262 A1 20101125	US20100838645 20100719; US20080060172 20080331	F24J2/24; B23P15/26	SOLFOCUS INC [US]	SOLAR THERMAL COLLECTOR MANIFOLD
US2010294264 A1 20101125	DE200710042387 20070904; WO2008EP07409 20080904	F24J2/48; B23K26/00	LINK ANDREAS [DE]	ABSORBER FOR A THERMAL SOLAR COLLECTOR AND METHOD FOR THE PRODUCTION OF SUCH AN ABSORBER
US2010294266 A1 20101125	US20090471074 20090522	F24J2/10	FUNG TAK PUI JACKSON [HK]	CONCENTRATED SOLAR THERMAL ENERGY COLLECTION DEVICE
US2010294331 A1 20101125	US20100701115 20100205	H01L31/042; F24J2/42	CARNATION RICHARD E [US]	PHOTOVOLTAIC ELECTRICAL ENERGY GENERATING SYSTEM
US2010294365 A1 20101125	US20100849075 20100803; US20060497755 20060802	H01L31/04; F24J2/10	SIMON DANIEL [US]	Method and Apparatus for Arranging a Solar Cell and Reflector
US2010295306 A1 20101125	US20090470087 20090521	H02K7/18; F01D15/10; F03G6/06; F24J2/34; F24J2/38	ADVANCED SOLAR POWER ISRAEL LTD [IL]	SYSTEM FOR CONVERTING SOLAR RADIATION INTO ELECTRICITY
US2010300429 A1 20101202	US20100787488 20100526; US20090181065P 20090526	F24J2/38	YOUNG & FRANKLIN INC [US]	ACTUATOR-BASED DRIVE SYSTEM FOR SOLAR COLLECTOR
US2010300430 A1 20101202	CN20071076594 20070829; WO2008CN01539 20080828	E04D13/18; F24F7/00; F24J2/00; F24J3/08	PENG JIANNING [CN]	KIND OF ACTIVE THERMOREGULATION SYSTEM WITHOUT MOTIVITY AND THE METHOD THEREOF

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US2010300432 A1 20101202	US20100830094 20100702; US20070793041 20070615; WO2005IB03838 20051216; US20040636652P 20041217	F24J2/10	SUNDAY SOLAR TECHNOLOGIES PTY LTD [AU]	ELECTROMAGNETIC RADIATION COLLECTOR
US2010300645 A1 20101202	US20090474203 20090528	F25B29/00; F24F7/007; F24F11/04; F24H4/02; F24J2/00; F24J2/04	GLOVER MICHAEL [CA]	BUILDING ENERGY SYSTEM
US2010303692 A1 20101202	US20100795947 20100608; US20090248282P 20091002; US20090185492P 20090609	B01J19/00; F24J2/02	SUNDROP FUELS INC [US]	SYSTEMS AND METHODS FOR AN INDIRECT RADIATION DRIVEN GASIFIER REACTOR & RECEIVER CONFIGURATION
US2010307153 A1 20101209	US20100834466 20100712; WO2009IB00223 20090206; US20080027248P 20080208	F03G6/06; F24J2/00; F24J2/38	NOLARIS SA [CH]	Steam Storage System For Artificial Solar Island
US2010307480 A1 20101209	ZA20060006284 20060728; ZA20060008651 20061017; WO2007IB52982 20070727	E04D13/18; F24J2/04; F24J2/18	SCRIMGEOUR ANGUS MUIR EDINGTON [US]	NON-TRACKING SOLAR COLLECTORS
US2010307481 A1 20101209	US20100793562 20100603; US20090184646P 20090605	F24J2/24; B21D53/06	FORMULA PLASTICS INC [US]	SOLAR WATER HEATER

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US2010307482 A1 20101209	SE20080000177 20080125; WO2009SE00027 20090125	F24J2/24	JILKEN LEIF ANDERS [SE]	ENERGY SUPPLYING DEVICE
US2010307586 A1 20101209	US20100795912 20100608; US20090268129P 20090608	H01L31/0232	LIGHT PRESCRIPTIONS INNOVATORS [US]	REFLECTIVE FREE-FORM KOHLER CONCENTRATOR
US2010313874 A1 20101216	GB20070024956 20071221; WO2008GB03974 20081201	F24J2/30; F24J2/00; F24J2/04	VEREY HUGH BREEDEN [GB]	Energy Recovery System
US2010313876 A1 20101216	IT2008MI01245 20080709; WO2009EP04937 20090708	F24J2/24; B23P15/26	TVP SOLAR S A [CH]	VACUUM SOLAR THERMAL PANEL WITH A VACUUM TIGHT GLASS-METAL SEALING
US2010313878 A1 20101216	US20100801287 20100601; US20070797226 20070501; US20050254023 20051020; US20030729145 20031204; US20020156814 20020530	F24J2/02; F24J2/10	ESSIG JOHN [US]; ESSIG JAMES MICHAEL [US]	Systems and methods for harnessing resources
US2010313879 A1 20101216	CN20091303281 20090616	F24J2/08; F24J2/10	HON HAI PREC IND CO LTD [TW]	SOLAR ENERGY COLLECTOR AND SOLAR ENERGY MODULE HAVING SAME
US2010313880 A1 20101216	US20100856573 20100813; US20070983971 20071113	F24J2/10; F24J2/00	SHI FENG [US]	Solar Concentrator

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US2010319678 A1 20101223	JP20080041941 20080222; WO2008JP73869 20081227	F24J2/46; F24J2/38	MAEMURA TOSHIHIKO [JP]; EZAWA KAZUAKI [JP]; OKU KOUNOSUKE [JP]; KAWAGUCHI TAKASHI [JP]	HYBRID SOLAR HEAT POWER GENERATION DEVICE
US2010319679 A1 20101223	CN20091303403 20090618	F24J2/38; G01K3/14	HON HAI PREC IND CO LTD [TW]	HEAT-DISTRIBUTION SENSOR AND SOLAR TRACKER HAVING SAME
US2010319680 A1 20101223	US20090488852 20090622	F24J2/38; B23P15/26; F24J2/30	KELLY EDMUND JOSEPH [US]	Concentrating Solar Energy System for Multiple Uses
US2010319681 A1 20101223	US20100782836 20100519; US20090219754P 20090623	F24J2/04; B23P15/26; F24J2/30; F24J2/50	LI YANGSONG [US]	SOLAR WATER HEATER AND METHOD
US2010319682 A1 20101223	DE200610009412 20060223; WO2007EP01525 20070222	F24J2/02; F24J2/12	ZSW [DE]	Solar Module System of the Parabolic Concentrator Type
US2010319683 A1 20101223	US20090488492 20090619	F24J2/46; B23P11/00	SOLFOCUS INC [US]	Molded Securing Device for an Optical Element
US2010319684 A1 20101223	US20100788048 20100526; US20090181235P 20090526; US20090249151P 20091006	F24J2/00; H01L31/04	COGENRA SOLAR INC [US]	Concentrating Solar Photovoltaic-Thermal System

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US2010319774 A1 20101223	US20080665711 20080618; US20070944763P 20070618; US20070957615P 20070823; US20070970439P 20070906; WO2008US67254 20080618	H01L31/04; F24J2/40	SCHWARTZ PETER V [US]	SOLAR CONCENTRATOR WITH SIMPLIFIED TRACKING
US2010326424 A1 20101230	US20060543659 20061004; US20040835665 20040430	F24J2/46	UNIV CALIFORNIA [US]	Residential solar thermal power plant
US2010326425 A1 20101230	US20090456818 20090624	F24J2/12; F24J2/38; F24J2/52	DETC JOHN W [US]	Dish reflector concentrator structure
US2010326426 A1 20101230	ES20090001490 20090625	F24J2/12; F24J2/38; F24J2/52	MECANIZADOS SOLARES S L [ES]	SOLAR TRACKER WITH PARABOLIC CONCENTRATOR
US2010326427 A1 20101230	US20100823138 20100625; US20090269462P 20090626	F24J2/40; F24J2/38	CHEN DATONG [US]	1-axis and 2-axis solar trackers
US2010326428 A1 20101230	AT20090000979 20090625	F24J2/42; F24J2/00; F24J2/04	VKR HOLDING AS [DK]	METHOD FOR HEATING FRESH WATER FOR DOMESTIC OR INDUSTRIAL USE
US2010326429 A1 20101230	US20060437928 20060519	F24J2/46; B23P17/00	CUMPSTON BRIAN H [US]; BULLER BENYAMIN [US]	Hermetically sealed cylindrical solar cells
US2010330511 A1 20101230	US20090492037 20090625	F23L15/00; F24J2/30	MOLDOVANU VLADIMIR [US]	METHOD AND SYSTEM OF PREHEATING
US7793652 B1 20100914	US20080074021 20080301	F24J2/42	DELGADO DOMINGO [US]	Solar operated water heater
US7799987 B1 20100921	US20070881857 20070730	H02N6/00; F24J2/38; H01L31/00	HINES STEPHEN P [US]	Solar tracker

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USRE41693E E1 20100914	US20060565506 20061130; US20010806540 20010330; US19980102597P 19981001	G02B6/26; F24J2/00; G01N21/64; G11C13/04; H01L29/82; H01L51/00; H01L51/30; H01R33/945	UNIV ARIZONA [US]	Magnetic switching of charge separation lifetimes in artificial photosynthetic reaction centers
WO2010072056 A1 20100701	CN20081243225 20081226	F24J2/05; F24J2/20	GUO JIANGUO [CN]; MAO XINGYUAN [CN]	VACUUM HEAT COLLECTING PLATE AND VACUUM HEAT COLLECTING DEVICE
WO2010072079 A1 20100701	CN20082129803U 20081224	F24J2/02; A47G19/22	HYOND SOLAR TECHNOLOGY [CN]; SHI YANG [CN]	SOLAR HEATER
WO2010072860 A1 20100701	ES20080003676 20081223	F24J2/54	MIRANDA LEGIDO IVAN [ES]; ARAMBURU DIAZ JULEN	SOLAR TRACKER FOR FLAT OR SLOPING SURFACES
WO2010072877 A1 20100701	ES20080003664 20081223	F24J2/46; B25J9/04	MENDEZ DE LA CUESTA RAFAEL MA [ES]	CLEANING DEVICE FOR PHOTOVOLTAIC PANELS AND THERMAL SOLAR PANELS
WO2010073022 A2 20100701	GB20080023555 20081224	F24J2/06; F24J2/08; F24J2/24; F24J2/26	HOWARD BRIAN [CY]	SOLAR FURNACE
WO2010074141 A1 20100701	JP20080327647 20081224	F24J2/48; F24J2/18; F24J2/24	MITAKA KOKI KK; NAKAMURA KATSUSHIGE [JP]	SOLAR RAY HEAT CONVERSION DEVICE
WO2010074715 A1 20100701	US20080122619P 20081215	F24J2/24	SORENSEN JENS OLE	HEATED-AIR CONDUIT FOR ENERGY CONVERSION SYSTEMS AND METHODS
WO2010075031 A2 20100701	CN20081243590 20081216	F24H7/00	SMITH CORP A O [US]; AO KAIPING [CN]	PRESSURIZED SOLAR WATER HEATER
WO2010075674 A1 20100708	CN20091076012 20090104; CN20091077223 20090120	F24J2/05; F24J2/10; F24J2/38	BEIJING POWERTECH CO LTD [CN]; LIU YANG [CN]	SOLAR ENERGY GATHERING DEVICE AND CONSTRUCTION COMPONENT USING IT

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WO2010075675 A1 20100708	CN20081247422 20081231	F24J2/05; F24J2/14; F24J2/24	BEIJING POWERTECH CO LTD [CN]; LIU YANG [CN]	SOLAR HEAT-ABSORBING PIPE AND MANUFACTURE METHOD THEREOF
WO2010076350 A1 20100708	ES20080003767 20081231	F24J2/46	UNIV MADRID POLITECNICA [ES]; MARTINEZ- VAL PENALOSA JOSE MARIA [ES]	THERMAL SOLAR ENERGY COLLECTOR
WO2010076352 A1 20100708	ES20080003770 20081231	F24J2/05; F24J2/46	LOPEZ FERRERO ADOLFO LUIS [ES]	VACUUM-TUBE SOLAR COLLECTOR WITH OVERHEATING PROTECTION BY MEANS OF A ROTATING REFLECTOR
WO2010076754 A1 20100708	US20080141022P 20081229	F24J2/00	HELIORIS SOLAR SYSTEMS LTD [IL]; YATIR YOSSEF [IL]	A SOLAR ENERGY COLLECTING SYSTEM
WO2010076784 A2 20100708	US20080141954P 20081231	F24J2/04	ZIV AV ENGINEERING [IL]; SAAR URI [IL]; BRAND DVIR [IL]	SOLAR HEATING APPARATUS
WO2010076950 A2 20100708	KR20080113820 20081117; KR20090046470 20090527	F24J2/38; G02B6/42	TM TECH CO LTD [KR]; YOON JOO-SIK [KR]; YOON JOO- PYUNG [KR]	OPTICAL SENSOR HOLDER FOR TRACKING SUNLIGHT
WO2010077815 A1 20100708	US20080335577 20081216	F24J2/24; F24J2/20	KUNCZYNSKI YAN [US]	SOLAR WATER HEATER

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WO2010077993 A2 20100708	US20080138069P 20081216	F24J2/38; G01J1/28; H01L31/042	ARMAGEDDON ENERGY INC [US]; DIMOV DMITRY [US]; ZHABKO LEONID [RU]	METHODS AND SYSTEMS FOR SOLAR SHADE ANALYSIS
WO2010078004 A1 20100708	US20080138287P 20081217; US20090639305 20091216	F24J2/10	D & D MFG [US]; POLK SR DALE [US]; POLK JR DALE [US]	PARABOLIC SOLAR ENERGY COLLECTOR APPARATUS
WO2010078105 A1 20100708	US20080141338P 20081230; US20090178123P 20090514	F24J2/10; G02B5/08; H01L31/052	3M INNOVATIVE PROPERTIES CO [US]; HEBRINK TIMOTHY J [US]; CLEAR SUSANNAH C [US]; GILBERT LAURENCE R [US]; WEBER MICHAEL F [US]; YU TA-HUA [US]; CHEN DANIEL TING-YUAN [US]; SHERMAN AUDREY A [US]	BROADBAND REFLECTORS, CONCENTRATED SOLAR POWER SYSTEMS, AND METHODS OF USING THE SAME
WO2010078375 A1 20100708	US20080317821 20081229	F24J2/08	COOLPLANETSO LAR LLC [US]; PALEN EDWARD J [US]; FULTON MICHAEL [US]; BROWN RICHARD [US]; NEWELL MICHAEL [US]	ECONOMIC SOLAR ELECTRICITY PANEL SYSTEM

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010078668 A2 20100715	CH20090000020 20090108	F24J2/07; F24J2/14	AIRLIGHT ENERGY IP SA [CH]; PEDRETTI ANDREA [CH]	ABSORBER PIPE FOR THE TROUGH COLLECTOR OF A SOLAR POWER PLANT
WO2010078757 A1 20100715	CN20092001949U 20090110; CN20092002338U 20090115	F24J2/02; A47J27/04	HYOND SOLAR TECHNOLOGY [CN]; SHI YANG [CN]	SOLAR ENERGY STEAM HEATING METHOD AND SOLAR ENERGY STEAM POT
WO2010078902 A2 20100715	DE200820016704U 20081218	F24J2/10	FERANOVA GMBH [DE]; SERKAN KADI [DE]	SOLAR MODULE AND SOLAR PLANT

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WO2010079242 A1 20100715	ES20090000023U 20090109	F24J2/46; B08B3/02	SOLAR BRIGHT S L [ES]; GONZALEZ RODRIGUEZ ANTONIO [ES]; RONCERO SANCHEZ-ELIPE PEDRO LUIS [ES]; MORALES HERRERA RAFAEL [ES]; CORTAZAR PEREZ OSVALDO DANIEL [ES]; CASTILLO GARCIA FERNANDO JOSE [ES]; HUNGRIA DIAZ DEL CASTILLO PEDRO ANTONIO [ES]; PARRENO TORRE	METHOD FOR CLEANING SOLAR PANELS AND VEHICLE FOR CARRYING OUT SAID METHOD

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WO2010079249 A1 20100715	ES20090000068 20090112	F24J2/54	UNIV MADRID POLITECNICA [ES]; ADELL ARGILES JOSEP MARIA [ES]; VEGA SANCHEZ SERGIO [ES]; BEDOYA FRUTOS CESAR [ES]; GARCIA SANTOS ALFONSO [ES]; NEILA GONZALEZ JAVIER [ES]; KLAINSEK ZIZMOND JUAN CARLOS [ES]	SELF-ORIENTING TILTING SOLAR ROOF
WO2010079250 A1 20100715	ES20090000067 20090112	F24J2/54	UNIV MADRID POLITECNICA [ES]; ADELL ARGILES JOSEP MARIA [ES]; VEGA SANCHEZ SERGIO [ES]; BEDOYA FRUTOS CESAR [ES]; GARCIA SANTOS ALFONSO [ES]; NEILA GONZALEZ JAVIER [ES]; KLAINSEK ZIZMOND JUAN CARLOS [ES]	SYSTEM COMPRISING MOBILE SOLAR PANELS FOR CONSTRUCTION

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WO2010080059 A1 20100715	SE20090050004 20090108	F24J2/51; C01B33/14; C09K5/14	AIRGLASS AB [SE]; GULLBERG LEIF [SE]; WESTLUND CHRISTER [SE]	SILICA AEROGEL BODY AS ISOLATION IN A SOLAR COLLECTOR SYSTEM
WO2010080060 A1 20100715	SE20090050003 20090108	E06B3/67; C01B33/14; C09K5/14; F24J2/00	AIRGLASS AB [SE]; GULLBERG LEIF [SE]	SILICA AEROGEL AS TRANSPARENT PANEL IN ENERGY SAVING WINDOW
WO2010080075 A2 20100715	TR20090000196 20090112	F24J2/28; F24J2/38	TARAKCIOGLU ISIK [TR]	TEXTILE BASED AIR HEATER SOLAR COLLECTOR
WO2010080552 A1 20100715	US20080138143P 20081217	E01C23/09	HULEN MICHAEL S [US]	METHODS OF MODIFYING SURFACE COVERINGS TO EMBED CONDUITS THEREIN
WO2010081130 A2 20100715	US20090144057P 20090112	F24J2/38; F24J2/10; H01L31/042	SKYLINE SOLAR INC [US]; JOHNSON ERIC C [US]; BILODEAU JAMES L [US]; WELLS JASON R [US]; NIGHTINGALE JOHN L [US]; FINOT MARC A [US]	SOLAR COLLECTOR WITH END MODIFICATIONS
WO2010081893 A2 20100722	IT2009MC00002U 20090119	F24J2/52	GEN SERVICE S R L [IT]; NEXUS S R L [IT]; MARACCI MARCO [IT]; GREGANTI SIMONE [IT]	UNIVERSAL FIXING BRACKET FOR PHOTOVOLTAIC PANELS.
WO2010081970 A2 20100722	FR20090000171 20090115; FR20090000173 20090115	F24J2/38; G06F17/40; H01L31/042	NOGLOTTE THIERRY [FR]	SOLAR PANEL DEVICE

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WO2010082181 A1 20100722	US20090145557P 20090118	F24J2/40	TIGI LTD [IL]; KLIER SHIMON [IL]; ADEL MICHAEL [IL]	SOLAR THERMAL COLLECTING SYSTEM
WO2010083120 A2 20100722	US20090355339 20090116; US20090407555 20090319; US20090407602 20090319; US20090436226 20090506	H01L31/042; F24J2/38; F24J2/40	GENIE LENS TECHNOLOGIES LLC [US]; RAYMOND MARK A [US]; LANGE HOWARD G [US]; WEISS SETH [US]	PHOTOVOLTAIC (PV) ENHANCEMENT FILMS FOR ENHANCING OPTICAL PATH LENGTHS AND METHODS OF MANUFACTURING PV ENHANCEMENT FILMS
WO2010083285 A1 20100722	US20090533673 20090731; US20090145080P 20090115	F24J2/34	SUNLIGHT POWER INC [US]; BALDWIN DAVID E [US]; SPERO ALAN J [US]	GROUND-BASED, INTEGRATED VOLUMETRIC RECEIVER-STORAGE SYSTEM FOR CONCENTRATED SOLAR POWER
WO2010083292 A1 20100722	US20090144703P 20090114	F24J2/10	SKYFUEL INC [US]; BROST RANDOLPH C [US]	APPARATUS AND METHOD FOR BUILDING LINEAR SOLAR COLLECTORS DIRECTLY FROM ROLLS OF REFLECTIVE LAMINATE MATERIAL
WO2010083662 A1 20100729	CN20091028418 20090120	F25B17/00; F24J2/00	GUO JIANGUO [CN]; MAO XINGYUAN [CN]	INTEGRATED FLAT-PLATE-TYPE ADSORPTION REFRIGERATING/HEATING DEVICE
WO2010083819 A2 20100729	DE200920000916U 20090122	B42D15/10; B42D15/00	MOUNTING SYSTEMS GMBH [DE]; SCHNITZER SANDY [DE]	MOUNTING DEVICE FOR FRAMED SOLAR MODULE
WO2010083988 A2 20100729	DK20090000079 20090120; DK20090000550 20090429; DK20090000997 20090906	F24J2/04; E04D12/00; F24J2/26	CUPA INNOVACION S L U [ES]; STOBBE PER [DK]	AN ENERGY TRANSMITTING SHEET PROFILE FOR INVISIBLE INCORPORATION INTO A BUILDING CLIMATE SHIELD, AND A METHOD AND SHEET PROFILE FOR SUCH INCORPORATION

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WO2010084145 A1 20100729	FR20090050452 20090126	H01L31/055; C09K11/08; F24J2/46; H01L31/058; H02N6/00	COMMISSARIAT ENERGIE ATOMIQUE [FR]; GRUSS JEAN- ANTOINE [FR]; JAUSSAUD CLAUDE [FR]; PONCELET OLIVIER [FR]	PHOTOVOLTAIC CONVERTER WITH INCREASED LIFE SPAN
WO2010084161 A1 20100729	DE200910006784 20090126	F28D20/00; C09K5/06; C09K5/12; F24J2/34; F28D20/02	UNIV ILMENAU TECH [DE]; THESS ANDRE [DE]; BUEHL JUERGEN [DE]; SCHULZE DIETMAR [DE]; NILIUS ANDREAS [DE]	HIGH-TEMPERATURE LATENT HEAT ACCUMULATOR
WO2010084224 A2 20100729	ES20090000206 20090126	G05D3/12; F24J2/38	UNIV SEVILLA [ES]; QUERO REBOUL JOSE MANUEL [ES]	METHOD FOR POSITIONING A SURFACE IN RELATION TO A LIGHT SOURCE USING SENSORS
WO2010084290 A1 20100729	FR20090050422 20090123	C03C23/00; C03B11/08; C03B13/08; F24J2/50; H01L31/042	SAINT GOBAIN [FR]; SCHIAVONI MICHELE [FR]; NEANDER MARCUS [DE]; ROEMGENS PASCAL [DE]	SUBSTRATE EN VERRE TRANSPARENT GLASS SUBSTRATE AND METHOD FOR PRODUCING SUCH A SUBSTRATE
WO2010085574 A1 20100729	US20090146241P 20090121	F24J2/34	AUSRA INC; MILLS DAVID R [US]; CHENG WEILI [US]	THERMAL ENERGY STORAGE FOR SUPERHEAT APPLICATIONS

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WO2010085939 A2 20100805	DE200920001098U 20090127	F24J2/52	MOUNTING SYSTEMS GMBH [DE]; SCHNITZER SANDY [DE]	SOLAR MODULE ATTACHMENT
WO2010086309 A1 20100805	IT2009UD00015 20090127	H01L31/042; F24J2/16; F24J2/38; F24J2/54; H01L31/052	GLOBAL PROCUREMENT SRL [IT]; BERTOSS BRUNO [IT]; BARNABA GIANNI ANDREA [IT]	TRACKING PHOTOVOLTAIC USING REFLECTOR CONCENTRATION AND REFLECTOR MOVEMENT METHOD
WO2010086430 A2 20100805	DE200910006953 20090130	F24J2/48	SAINT GOBAIN INDUSTRIEKERA MIK [DE]; HACK UDO [DE]	METHOD FOR THE PRODUCTION OF A CERAMIC ABSORBER MEMBER FOR SOLAR RADIATION, AND ABSORBER MEMBER
WO2010086443 A2 20100805	DE200910006952 20090130	F24J2/07; F24J2/48	SAINT GOBAIN INDUSTRIEKERA MIK [DE]; HACK UDO [DE]	SOLAR ABSORBER MODULE AND SOLAR ABSORBER ARRANGEMENT
WO2010086468 A1 20100805	ES20090000270 20090130	G02B5/08	NEMATIA INGENIERIA INTEGRAL S [ES]; DONAIRE CAMACHO JUAN MANUEL [ES]	SOLAR REFLECTOR AND PRODUCTION METHOD
WO2010088632 A2 20100805	US20090149292P 20090202; US20090176041P 20090506	F24J2/10; F24J2/24; F24J2/38	GLASSPOINT SOLAR INC [US]; MACGREGOR RODERICK [US]; VON BEHRENS PETER EMERY [US]	CONCENTRATING SOLAR POWER WITH GLASSHOUSES

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WO2010089435 A1 20100812	ES20090000177U 20090204	F24J2/54; H01L31/042	PEREZ PUEYO HECTOR ALBERTO [ES]	SOLAR FOLLOWER
WO2010089469 A1 20100812	PT20090104408 20090206; FR20090001288 20090319	F24J2/04; F24J2/52; H01L31/042; H01L31/048	SUN R [FR]; MODELING SOLUTIONS LDA [PT]; NOGIER ANTOINE [FR]; MOYNAT CHRISTOPHE [FR]; RODRIGUES JOAQUIM JORGE LEAL [PT]; DA SILVA MATOS SERGIO FRANCISCO [PT]	INSTALLATION PART FOR PHOTOVOLTAIC MODULES, INSTALLATION DEVICE, AND BUILDING STRUCTURE COMPRISING SAME
WO2010090456 A2 20100812	KR20090008741 20090204	F24J2/10; F24J2/12; H01L31/042	CHAE SOO JOH [KR]	HEAT ENGINE USING SOLAR ENERGY
WO2010091127 A2 20100812	US20090149554P 20090203	F24J2/40; F24J2/04; F24J2/38	CUBE ENERGY INC E [US]; XIANG XIAODONG [CN]; ZHANG RONG [US]	SYSTEMS AND METHODS OF SOLAR THERMAL CONCENTRATION FOR 2-DIMENSIONAL FOCUSING CONCENTRATORS INCLUDING FEATURES OF SEQUENTIAL HEATING, THERMAL LOSS REDUCTION, AND/OR ADJUSTMENT OF OPERATION OR OPERATING PARAMETERS
WO2010092360 A1 20100819	IN2009DE00289 20090213	C09K5/10; C23F11/00; F24J2/46	ALPHA FRY LTD [GB]; PURAKKAT SAVITHA [IN]; JASSAL MUKESH [GB]	HEAT TRANSFER FLUID
WO2010092559 A2 20100819	ZA20090001066 20090216	H01L31/052; F24J2/52; H01L31/058	VAN NIEKERK DANIEL GABRIEL [ZA]; DAVIS JOHN BEVAN [ZA]	SOLAR ENERGY COLLECTION APPARATUS

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WO2010092575 A1 20100819	US20090152238P 20090212; US20090219779P 20090624; US20090219780P 20090624	F24J2/00	YEDA RES & DEV [IL]; CAFRI HAGAY [IL]; GOLDENSTEIN ZOHAR [IL]; KARNI JACOB [IL]	SOLAR RECEIVER SYSTEM
WO2010093099 A1 20100819	KR20090012160 20090213	F24J2/38	G & R INC [KR]; RYU JE MUN [KR]; PARK JUN O [KR]	SOLAR TRACKING DEVICE
WO2010093339 A2 20100819	TR20090001114 20090216	F24J2/23	TARAKCIOGLU ISIK [TR]	TEXTILE BASED SOLAR COLLECTOR
WO2010093372 A2 20100819	US20090371260 20090213	F24J2/10	MATALON ENERGY [US]; MATALON DAVID [US]	PARABOLIC SOLAR COLLECTOR
WO2010093412 A2 20100819	US20090213596P 20090623; WO2009US00825 20090210	F15B13/044; F15B13/042	CBE GLOBAL HOLDINGS INC [US]; CHILDERS PETER [US]; BLITZ JONATHAN N [US]; CARUCCI JAMES [US]; DRAPER RONALD [US]	NON-LINEAR ACTUATOR SYSTEM AND METHOD

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WO2010093876 A2 20100819	US20090207629P 20090213	F24J2/46; A47L1/02; B08B1/02; F24J2/10	ESOLAR INC [US]; BLAIR JASON [US]; BRAWNER STEPHEN [US]; COLEMAN BRIAN [US]; GREANEY ALAN [US]; GREGORY CHRISTIAN [US]; GROSSMAN MARC [US]; LUCONI GREGG [US]; MOURSUND CARTER [US]; PILEGAARD ULRIK [US]; SCHELL STEVEN [US]; TYNER CRAIG [US]	HELIOSTAT FIELD CLEANING SYSTEM
WO2010094271 A2 20100826	DE200920002208U 20090217	H01L31/048	SCHLETTER GMBH [DE]; BUB FABIAN [DE]	INCLINED ARRANGEMENT OF PV MODULES ON FLAT ROOFS
WO2010094354 A2 20100826	DE200910009760 20090220; DE200910012203 20090311	F24J2/52	FM KUNSTSTOFFTE CHNIK GMBH [DE]; MEYER ULRICH [DE]	HOLDER FOR REGENERATIVE ENERGY MODULE SYSTEMS
WO2010096270 A2 20100826	US20090154347P 20090220	G06F17/50; F24J2/00	SUNPOWER CORP [US]	AUTOMATED SOLAR COLLECTOR INSTALLATION DESIGN INCLUDING ABILITY TO DEFINE HETEROGENEOUS DESIGN PREFERENCES

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WO2010096507 A2 20100826	US20090207614P 20090217	F24J2/38; F24J2/52	SOLAR STORAGE COMPANY [US]; HENKEL-WALLACE DAVID VINAYAK [US]; BISSET STEPHEN JAMES [US]	POSITIONING SYSTEM FOR SOLAR COLLECTION
WO2010096721 A2 20100826	US20090154256P 20090220; US20090160148P 20090313; US20100708502 20100218	H01L31/042; F24J2/10	OMNIPV INC [US]; KENNEY JOHN [US]; WANG JIAN JIM [US]; PFENNINGER WILLIAM MATTHEW [US]; VOCKIC NEMANJA [US]; MIDGLEY JOHN [US]	SOLAR MODULES INCLUDING SPECTRAL CONCENTRATORS AND RELATED MANUFACTURING METHODS
WO2010096833 A2 20100826	US20090154587P 20090223; US20090285801P 20091211; US20100301950P 20100205; US20090233354P 20090812; US20090243400P 20090917	H01L31/042; F24J2/10	TENKSOLAR INC [US]; MEYER DALLAS W [US]; BERG LOWELL J [US]; MURNAN THOMAS L [US]; DODD ORVILLE D [US]	HIGHLY EFFICIENT RENEWABLE ENERGY SYSTEM

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WO2010096863 A1 20100902	NZ20090575152 20090225; NZ20090575646 20090319; NZ20090581000 20091106; NZ20090581579 20091202; NZ20090582104 20091217; NZ20090582285 20091223; NZ20100583329 20100216; NZ20100583469 20100222; NZ20090578481 20090717	F25B5/02; F24J2/05; F24J2/10; F25B7/00; F25B9/08; F25B29/00; F25B30/02	RENEWABLE ENERGY SYSTEMS LTD; DRYSDALE KENNETH WILLIAM PATTERSON [AU]	A HEAT PUMP, A COMBINED HEATING AND COOLING SYSTEM, A POWER GENERATION SYSTEM AND A SOLAR COLLECTOR
WO2010097406 A2 20100902	US20090155700P 20090226	F24J2/52	DAUVISTER ALEXANDRE [BE]; DAUVISTER STEPHANE [BE]	PHOTOVOLTAIC PANEL SUPPORTING DEVICE
WO2010097486 A1 20100902	WO2009ES70050 20090227	F16H1/16; F24J2/54	REDUCTORES CUNAT S A [ES]; CUNAT MARTINEZ VICENTE [ES]	WORM WHEEL REDUCER FOR MODULAR PARTS FOR SOLAR TRACKERS
WO2010098611 A2 20100902	KR20090016710 20090227; KR20090016711 20090227	F21V11/00; F24J2/38	HLB CO LTD [KR]; UNIV KYUNG HEE UNIV IND COOP [KR]; SIN JONG GU [KR]; KIM CHOUNG TAE [KR]	SOLAR LIGHTING SYSTEM AND DRIVING METHOD THEREOF

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WO2010098612 A2 20100902	KR20090016709 20090227	F24J2/38; H01L31/042	HLB CO LTD [KR]; UNIV KYUNG HEE UNIV IND COOP [KR]; SIN JONG GU [KR]; KIM CHOUNG TAE [KR]	SOLAR TRACKING DEVICE
WO2010099509 A2 20100902	US20090156488P 20090228	F24J2/34	MITTELMARK MARTIN [US]; ST JOHN PAUL J [US]; NORDBERG HANK T [US]	SYSTEM AND METHOD FOR USING RECYCLABLES FOR THERMAL STORAGE
WO2010099516 A1 20100902	US20090208913P 20090228; US20090209681P 20090310	F24J2/12	WELLE RICHARD [US]	SEGMENTED FRESNEL SOLAR CONCENTRATOR
WO2010099596 A1 20100910	US20090157714P 20090305	F24J2/40; F24J2/38; F24J2/52	GUILLEMETTE PASCAL [CA]	METHOD AND SYSTEM FOR OPTIMIZING AND PROTECTING SOLAR PANELS
WO2010099620 A1 20100910	US20090158077P 20090306; US20090187740P 20090617	G02B27/00; E06B7/00; F24J2/05; F24J2/06; H01L31/052	UNIV MCMASTER [CA]; KITAI ADRIAN [CA]; ZHANG WEI [CA]	SOLAR COLLECTION AND LIGHT REGULATION APPARATUS
WO2010100293 A1 20100910	ES20090000581 20090302	F24J2/07; F03G6/06; F24J2/10; F24J2/18	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; NUNEZ BOOTELLO JUAN PABLO [ES]; OSUNA GONZALEZ- AGUILAR RAFAEL [ES]	FRESNEL-TYPE SOLAR-CONCENTRATION PLANT WITH AN OPTIMIZED SECONDARY RECONCENTRATOR

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WO2010100667 A2 20100910	IT2009MI00300 20090302	F24J2/20	LEONE DEMETRIO [IT]; LEONE PATRIC MARC PHILIPP [CH]; LEONE SHERRY SUSANNE [CH]	HEAT EXCHANGE DEVICE IN PARTICULAR FOR SOLAR COLLECTOR
WO2010101239 A1 20100910	JP20090053818 20090306; JP20090252587 20091104	C09K5/08; F24J2/42; F25B27/00; F28D20/00	UNIV THE RYUKYUS [JP]; OSAKA GAS CO LTD [JP]; KONDO YOSHIKAZU [JP]; UENO MASAMI [JP]; KAWAMITSU YOSHINOBU [JP]; TSUTSUMI JUNICHIRO [JP]	SOLAR LIGHT (HEAT) ABSORBING MATERIAL, AND HEAT ABSORBER/STORAGE MATERIAL AND SOLAR LIGHT (HEAT) ABSORBER/CONTROL MATERIAL EACH COMPRISING THE SOLAR LIGHT (HEAT) ABSORBING MATERIAL
WO2010101468 A1 20100910	WO2009NO00072 20090302	F24J2/54	GUDESEN HANS GUDE [CH]; NORDAL PER- ERIK [NO]	MULTI-ELEMENT DEVICE
WO2010101774 A2 20100910	CN20091025618 20090303	F24J2/34	SMITH CORP A O [US]; AO KAIPING [CN]	SOLAR WATER HEATER WITH THE FUNCTIONS OF REFILLING AND DISSIPATION
WO2010102152 A2 20100910	US20090158265P 20090306; US20100717889 20100304	F24J2/54; H01L31/042	SOLAR STANDISH [US]	ROTARY SOLAR CONCENTRATOR FOR PHOTOVOLTAIC MODULES
WO2010102256 A2 20100910	US20090157793P 20090305	F24J2/38; F24J2/52; F24J2/54; H01L31/042	VINOKUROV GEDALIA [US]	TRACKING SYSTEM FOR SOLAR PANELS

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WO2010102619 A2 20100916	DE200910012505 20090312; DE200910045033 20090925	F24J2/54	GEORG SIMON OHM HOCHSCHULE FUE [DE]; POISEL HANS [DE]; SCHUETZ SEBASTIAN [DE]; KILLERMANN MICHAEL [DE]; KIST ALEXANDER [DE]; HOFBECK KLAUS [DE]; SCHILLING HARRY [DE]	TRACKING UNIT FOR A SOLAR COLLECTOR
WO2010102772 A2 20100916	DE200910013623 20090310	F24J2/10	GRIMM FRIEDRICH [DE]	SOLAR COLLECTOR HAVING A LINEARLY FOCUSING REFLECTOR SURFACE
WO2010102874 A2 20100916	IT2009PN00019 20090310	F03G6/00; F01B3/04; F01K23/06; F02G1/00; F24J2/54	NEWCOMEN S R L [IT]; MAZZA PAOLO [IT]; ZAMPIERI GINO [IT]	INTEGRATED RANKINE-CYCLE MACHINE
WO2010103255 A2 20100916	WO2009GB00625 20090309	F24J2/34	OSBORNE DAVID [GB]	SOLAR PANEL FOR WATER HEATING
WO2010103496 A1 20100916	FR20090001207 20090313	F24J2/34	LEROY SOMER MOTEURS [FR]; COUPART ERIC [FR]	SOLAR EQUIPMENT
WO2010104368 A1 20100916	MX20090002764 20090313	F24J2/20; F24J2/24	CORDERO GOMEZ DEL CAMPO JOSE LUIS ESTEBAN [MX]	FLAT-SHEET SOLAR RADIATION COLLECTORS FOR HEATING WATER

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WO2010104897 A2 20100916	US20090276881P 20090917; US20090158572P 20090309	F24J2/42; F01K17/04; F01K27/00; F03G6/00; F03G6/02	CUBE ENERGY INC E [US]; XIANG XIAODONG [CN]; ZHANG RONG [US]	SYSTEMS AND METHODS OF THERMAL-ELECTRIC POWER GENERATION INCLUDING LATENT HEAT UTILIZATION FEATURES
WO2010105111 A1 20100916	US20090209970P 20090311; US20100722498 20100311	F24J2/54	GOSSAMER SPACE FRAMES [US]; REYNOLDS GLENN A [US]	DRIVE MECHANISM FOR A SOLAR CONCENTRATOR ASSEMBLY
WO2010105247 A1 20100916	US20090160108P 20090313	F24J2/08	CALIFORNIA INST OF TECHN [US]; KORNFIELD JULIA A [US]; FLAGAN RICHARD C [US]	SYSTEMS AND METHODS FOR CONCENTRATING SOLAR ENERGY WITHOUT TRACKING THE SUN
WO2010106195 A1 20100923	WO2009ES00149 20090316	F24J2/46; B08B3/02; B60P3/00	VOITH TURBO S A [ES]	UNIT FOR CLEANING PARABOLIC-TROUGH COLLECTORS IN THERMO-ELECTRIC SOLAR POWER PLANTS
WO2010106844 A1 20100923	JP20090066237 20090318	G02B5/08; F24J2/10; G02B1/04	KONICA MINOLTA OPTO INC; BEKKU HIROSHI [JP]	REFLECTOR FOR SOLAR THERMAL POWER GENERATOR
WO2010107921 A1 20100923	US20090160775P 20090317	F24J2/12	D & D MFG [US]	STATIONARY PARABOLIC SOLAR POWER SYSTEM AND RELATED METHODS FOR COLLECTING SOLAR ENERGY
WO2010108141 A2 20100923	US20090162125P 20090320	F24J2/10; F24J2/12; G02B5/10; H01L31/042	SKYLINE SOLAR INC [US]; FINOT MARC A [US]; WELLS JASON R [US]	REFLECTIVE SURFACE FOR SOLAR ENERGY COLLECTOR
WO2010108288 A2 20100930	WO2009CH00104 20090327	H01L31/042; F24J2/52; H01L31/048	ENERGIEBUERO AG [CH]; MEIER CHRISTIAN [CH]; LANGENSKIOEL D ERIC [CH]	ASSEMBLY FOR FASTENING A PLURALITY OF SOLAR MODULES TO A BUILDING ROOF OR A BUILDING FACADE AND CLIP FOR FORMING A STOP ELEMENT ON A SURFACE

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WO2010108428 A1 20100930	CN20092008592U 20090324	F24J2/02; F24J2/05	SHI YANG [CN]	STEAM BOX HEATED BY SOLAR COLLECTING TUBES
WO2010108969 A1 20100930	IT2009MC00061 20090324	F24J2/10; F24J2/14; F24J2/18	MARCHETTI FABIO [IT]; VERDOLINI RENZO [IT]	SOLAR CONCENTRATOR
WO2010109110 A2 20100930	FR20090001369 20090324	C01B3/04; C25B1/04; F03G6/06; F24J2/52	ASTRIUM SAS [FR]; GENESTE JEAN-FRANCOIS [FR]	APPARATUS FOR PRODUCING AND DISPENSING HYDROGEN
WO2010109508 A2 20100930	IT2009BS00056 20090324	F24J2/14; F24J2/18; F24J2/54	TURBODEN SRL [IT]; GAIA MARIO [IT]	CONCENTRATING SOLAR PANEL INSTALLATION WITH AZIMUTH ORIENTATION SYSTEM
WO2010110544 A2 20100930	KR20090024408 20090323	F24J2/24; F24J2/04	NAM CHANG MIN [KR]; NAM SEUNG HYUN [KR]	SOLAR COLLECTOR
WO2010110772 A1 20100930	WO2009US01866 20090325	F24J2/08; F01K27/00; F02B43/10; F24J2/04; F24J2/46	LEE JOHN [US]	SOLAR-BASED POWER GENERATOR
WO2010111075 A1 20100930	US20090164047P 20090327; US20100709045 20100219; US20100709091 20100219	G02B1/10; C03C17/00; C03C17/245; C03C17/36; F24J2/10	PPG IND OHIO INC [US]	SOLAR REFLECTING MIRROR HAVING A PROTECTIVE COATING AND METHOD OF MAKING SAME
WO2010111383 A2 20100930	US20090162950P 20090324	E04D13/18; E04B7/00; E04D13/14	JENKINS ROBERT L [US]	PHOTOVOLTAIC SYSTEMS, METHODS FOR INSTALLING PHOTOVOLTAIC SYSTEMS, AND KITS FOR INSTALLING PHOTOVOLTAIC SYSTEMS

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WO2010111688 A2 20100930	US20090163459P 20090326	F03G6/02; F01K27/00; F03G6/06; F24J2/42	SOLAR STORAGE COMPANY [US]; MIERISCH ROBERT CHARLES [AU]; BISSET STEPHEN JAMES [US]	INTERMEDIATE PRESSURE STORAGE SYSTEM FOR THERMAL STORAGE
WO2010112626 A1 20101007	WO2009ES70087 20090401	F24J2/54; F24J2/16; H01L31/042; H01L31/052	EN ERCAM S A [ES]; SILVESTRE MATA DIONISIO [ES]	SOLAR TRACKER
WO2010113091 A1 20101007	US20090165226P 20090331	G02B6/00; F21K99/00; F21S8/10; F21V7/00; F21V13/04; G02B17/08; G02B27/09	KONINKL PHILIPS ELECTRONICS NV [NL]; ADAMS JOHN ANDRE [US]	OPTICS DEVICE FOR STAGE LIGHTING
WO2010113100 A1 20101007	US20090165102P 20090331	F21V7/04; F24J2/10; G02B6/00; G02B6/42	KONINKL PHILIPS ELECTRONICS NV [NL]; ADAMS JOHN ANDRE [US]	LED COLLIMATION OPTICS MODULE AND LUMINAIRE USING SAME
WO2010115237 A1 20101014	AU20090901467 20090406	F24J2/00	WIZARD POWER PTY LTD [AU]; LOVEGROVE KEITH MALCOLM [AU]; BURGESS GREGORY JOHN [AU]; COVENTRY JOSEPH SYDNEY [AU]	SOLAR MIRROR PANELS AND THEIR MANUFACTURE

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WO2010116007 A1 20101014	ES20090000956 20090407	F24J2/52; F24J2/54	PASALODOS CABRERO ANTONIO [ES]	SET OF SELF-ADJUSTING SOLAR TRACKERS SUITABLE FOR BEING DIRECTED BY A SINGLE MOTOR
WO2010116010 A1 20101014	ES20090000937 20090406	H01L31/04; F02C1/05; F02C6/00; F03G6/06; F24J2/40	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; NAVIO GILABERTE RAUL [ES]; SERRANO GALLAR LUCIA [ES]; OSUNA GONZALES- AGUILAR RAFAEL [ES]; LLORENTE FOLCH PAULA [ES]; FERNANDEZ QUERO VALERIO [ES]	SOLAR RECEIVER WITH NATURAL CIRCULATION FOR GENERATING SATURATED STEAM
WO2010116162 A2 20101014	GB20090006173 20090409; GB20090010539 20090618	F24J2/10; F24J2/34; F24J2/51	CARDING SPEC CANADA [GB]; VARGA JOHN [GB]	SOLAR ENERGY TRANSFER AND STORAGE APPARATUS
WO2010117165 A2 20101014	KR20090030391 20090408; KR20090084385 20090908	F24J2/38; H01L31/042	WOO DO YOUNG [KR]	FLOAT-TYPE SOLAR ENERGY GENERATING APPARATUS
WO2010118038 A1 20101014	US20090167115P 20090406	F24J2/04	STERN DONALD S [US]	SOLAR PANEL WITH LENS AND REFLECTOR

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WO2010118176 A1 20101014	US20100755355 20100406; US20090167386P 20090407	F24J2/48	LOCKHEED CORP [US]; SHAH TUSHAR K [US]; MALECKI HARRY C [US]; ADCOCK DANIEL J [US]; HEICK KRISTOPHER [US]	SOLAR RECEIVER UTILIZING CARBON NANOTUBE INFUSED COATINGS
WO2010118236 A1 20101014	US20090212212P 20090408	F24J2/46	AP ALTERNATIVES LLC [US]; VON DEYLEN JOSHUA D [US]; VON DEYLEN DAVID L [US]; RAMEY SHAWN J [US]; SUTTON WILLIAM E [US]; WAISNER JEFFREY L [US]	SOLAR PANEL SUPPORTS AND METHOD
WO2010118276 A2 20101014	US20090217425P 20090529; US20090212390P 20090410	F24J2/04; F01K21/00; F03G6/00; F24J2/46	VICTORY ENERGY OPERATIONS LLC [US]; VISKUP JOHN C JR [US]; LIN BOCHUAN [US]	GENERATION OF STEAM FROM SOLAR ENERGY
WO2010118277 A2 20101014	US20090168256P 20090410; US20100304845P 20100216	B60J5/10; B60P1/00; B62D33/04	TURNSTYLE INTELLECTUAL PROPERT [US]; STULL EDWARD J [US]	POWERED GATE POST WITH SLOTS FOR POSITIONAL ADJUSTMENT

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WO2010118503 A1 20101021	US20090424393 20090415	F24J2/10; F24J2/38; F24J2/52; H01L31/0232; H01L31/052; H01L31/058	NORMAN RICHARD [CA]; DAUPHIN PHILIPPE [CA]; DE ST CROIX FREDERICK [CA]	SYSTEMS FOR COST-EFFECTIVE CONCENTRATION AND UTILIZATION OF SOLAR ENERGY
WO2010118885 A1 20101021	DE200920005823U 20090418; DE200920005824U 20090418	F24J2/54; F24J2/14	MUELLEJANS HEINRICH [BE]	SUPPORT SYSTEM FOR PARABOLIC TROUGH COLLECTORS
WO2010119945 A1 20101021	JP20090099980 20090416	F24J2/18; G02B5/08	MITAKA KOKI KK; NAKAMURA KATSUSHIGE [JP]	SOLAR LIGHT COLLECTION SYSTEM
WO2010120123 A2 20101021	KR20090004427U 20090414	F24J2/38; H01L31/042	LEE CHAN HO [KR]	2-AXIS SUNLIGHT TRACKING SYSTEM USING PHOTO CONDUCTIVE CELL
WO2010120349 A1 20101021	US20090212854P 20090416	F24J2/46	WERNER EXTRUSION SOLUTIONS LLC [US]; WERNER CRAIG ROY [US]; FUNAI JOHN [US]	STRUT, SYSTEM AND METHOD FOR A SOLAR MIRROR FRAME
WO2010120397 A2 20101021	US20090416358 20090401	F24J2/52	SUNPOWER CORP [US]; LENOX CARL J S [US]	PHOTOVOLTAIC ARRAY WITH MINIMALLY PENETRATING ROOFTOP SUPPORT SYSTEM
WO2010121830 A2 20101028	DE200910018782 20090424	F24J2/52	SCHMIDT CHRISTOPH [DE]	FASTENING ELEMENT FOR SANDWICH PANELS, AND BUILDING ENVELOPE COMPRISING SAID FASTENING ELEMENT
WO2010122009 A2 20101028	DE200910002507 20090420; DE200910002508 20090420	F24J2/06	SUNSAIL ENERGY GMBH & CO KG [DE]; KRAMPE KARL- HEINZ [DE]	SOLAR INSTALLATION

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WO2010122011 A2 20101028	DE200910002505 20090420; DE200910002508 20090420	F24J2/06	SUNSAIL ENERGY GMBH & CO KG [DE]; KRAMPE KARL- HEINZ [DE]	SOLAR INSTALLATION
WO2010122226 A1 20101028	FI20090005435 20090421	F24F5/00; E04B1/74; F24F7/10; F24J2/28	VAHANEN INTERNAT OY [FI]; KETTUNEN ARI-VEIKKO [FI]	METHOD AND ARRANGEMENT FOR MOVING THERMAL ENERGY IN A SHELL STRUCTURE OF A BUILDING
WO2010124343 A1 20101104	AU20090901918 20090501	F24J2/52; F24J2/00; G02B1/00; G02B5/00	NEP SOLAR PTY LTD [AU]; DREYER JOHAN FREDERICK [AU]; YORSTON JAMES [AU]; BEAUMON MARTYN [GB]	A SOLAR ENERGY COLLECTION SYSTEM
WO2010124679 A2 20101104	DE200920006182U 20090501	E04H6/02	SCHLETTER GMBH [DE]; ZAPFE CEDRIK [DE]	SHELTER
WO2010124710 A2 20101104	DE200910014666 20090428; DE200910011886 20090428; DE200920007556U 20090527	F24J2/52	EULEKTRA GMBH [DE]; HAIN SIEGFRIED [DE]	PHOTOVOLTAIC INSTALLATION
WO2010125203 A1 20101104	ES20090000873U 20090429	F24J2/00; F24J2/36	ROMERO LAMPON JOSE LUIS [ES]	MOBILE SOLAR UNIT WITH WIND-POWERED ELECTRICITY GENERATOR

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WO2010125206 A1 20101104	WO2009ES70125 20090429	F24J2/54	EN ERCAM S A [ES]; SILVESTRE MATA DIONISIO [ES]; BONILLA VALLEJO JOSE ANTONIO [ES]	SOLAR FOLLOWER
WO2010125258 A2 20101104	FR20090002074 20090429	E06B9/264	LOMBARD XAVIER [FR]	SIMPLE DEVICE FOR DISTRIBUTING SOLAR GAIN BETWEEN HEAT AND LIGHT
WO2010125539 A1 20101104	FR20090052938 20090430	E04C2/52; F24D3/12; F24J2/04; F24J2/34; F28D20/02	COURTIREY CONCEPTION [FR]; REY JEAN-CLAUDE [FR]	RADIATING WALL FOR BUILDING AND APPLICATIONS
WO2010127615 A1 20101111	CN20091031297 20090504; CN20091026741 20090505	F21S19/00; F21S11/00; F24J2/38	NANJING SCIENT RES TECHNOLOGY [CN]; ZHANG XIAOLI [CN]; JIN CHAOWU [CN]; CUI DONGHUI [CN]	CONTROL SYSTEM FOR SOLAR CONDENSER AND CONTROL METHOD THEREOF
WO2010128086 A2 20101111	IT2009PD00120 20090506	F24J2/04	VENTURINI FRANCO [IT]	DEVICE FOR THERMAL SEPARATION BETWEEN A CONDITIONED ENVIRONMENT AND AT LEAST ONE EXTERNAL ENVIRONMENT
WO2010128135 A2 20101111	US20090185087P 20090608; US20090176148P 20090507	F24J2/46	SIEMENS CONCENTRATE D SOLAR POW [IL]; SIEMENS AG [DE]; BARKAI MENASHE [IL]	GETTER SUPPORT STRUCTURE FOR A SOLAR THERMAL POWER PLANT
WO2010128462 A2 20101111	IT2009TO00363 20090506	H01L31/058	S I E M S R L [IT]; AGUGLIA JORGE MIGUEL [IT]	SOLAR PANEL STRUCTURE AND CORRESPONDING SOLAR PANEL

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WO2010128473 A2 20101111	IT2009MI00771 20090506	F24J2/52; F24J2/46; H01L31/042	ECOJOULE S R L [IT]; MARINELLI GIUSEPPE SANTO [IT]	SUPPORTING SYSTEM IN PARTICULAR FOR PHOTOVOLTAIC MODULES
WO2010128709 A1 20101111	KR20090039897 20090507	F24J2/38	JANG YUN-KYU [KR]	SYNTHETIC RESIN BEARING FOR PHOTOVOLTAIC TRACKING SYSTEM
WO2010128767 A2 20101111	KR20090040187 20090508	F24J2/08; F24J2/04; G02B5/00; G02B6/00	KIM JU SU [KR]	SOLAR COLLECTING APPARATUS AND METHOD FOR MANUFACTURING A PHOTOCATALYST FILTER USED IN SAME
WO2010129087 A2 20101111	US20090176669P 20090508	F24J2/54	SUNPOWER CORP [US]; ALMY CHARLES [US]; BARSUN STEPHAN [US]; SANDLER REUBEN [US]; WARES BRIAN [US]; WAYMAN ELIZABETH [US]	PHOTOVOLTAIC SOLAR COLLECTION AND TRACKING SYSTEM
WO2010130252 A2 20101118	DE200910021252 20090514	F24J2/48; C03C17/00; C03C17/23; C03C17/34; C25D9/08; C25D13/02; C25D15/02; F24J2/04; F24J2/05; F24J2/46; F24J2/50	HELMHOLTZ ZENT B MAT & ENERG [DE]; CHEN JIE [DE]; AE LORENZ [DE]; LUX-STEINER MARTHA CHRISTINA [DE]; TANG YANG [DE]	VACUUM COLLECTOR TUBE AND METHOD FOR PRODUCING SAID TYPE OF VACUUM COLLECTOR TUBE

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WO2010130461 A1 20101118	DE200910021581 20090515	F24J2/52; H01L31/042; H01L31/048	F & F VERMOEGENS GBR [DE]; BABBE ANDREAS [DE]; SAGER JENS [DE]; GRAB RENNER TONI [DE]	HOLDING AND FASTENING DEVICE
WO2010130727 A1 20101118	DE200920006970U 20090514	F24J2/52	KRINNER INNOVATION GMBH [DE]; THURNER GUENTHER [DE]; THURNER MARTIN [DE]	ORIENTABLE BASE SYSTEM FOR SOLAR PANELS
WO2010130736 A2 20101118	DE200910003151 20090515	H01L31/042	HABDANK PV MONTAGESYST EME GMBH [DE]; HABDANK MARTIN [DE]; HABDANK PETER [DE]	SUPPORT ARRANGEMENT FOR SOLAR MODULES
WO2010130847 A1 20101118	ES20090001188 20090511	F24J2/54	SOLTEC EN RENOVABLES SL [ES]; GRANT THOMAS [ES]; MORALES TORRES RAUL [ES]	SINGLE-AXIS SOLAR TRACKER AND SOLAR POWER INSTALLATION
WO2010130952 A2 20101118	FR20090053119 20090512	F24J2/52; E04D13/18; H01L31/042	SAINT GOBAIN [FR]; KUSTER HANS-WERNER [DE]; KUSTER FELIX [DE]	ATTACHMENT DEVICE AND METHOD FOR MOUNTING SOLAR MODULES

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010132849 A2 20101118	US20090216253P 20090515; US20090216878P 20090522	F24D1/02	AREVA SOLAR INC [US]; CONLON WILLIAM M [US]; TANNER PETER M [US]; VENETOS MILTON [US]; HANSON ROBERT J [US]	SYSTEMS AND METHODS FOR PRODUCING STEAM USING SOLAR RADIATION
WO2010133045 A1 20101125	CN20091027133 20090522	F24J2/46; F24J2/48; H01L35/32; H02N11/00	GUO JIANGUO [CN]; MAO XINGYUAN [CN]	SOLAR TEMPERATURE DIFFERENCE GENERATION AND VACCUM HEAT COLLECTION DEVICE
WO2010133242 A1 20101125	WO2009EP03616 20090520	F24J2/04; F24J2/52	RENUSOL GMBH [DE]; LOOIS GEERLING [NL]; ZSCHOCH STEPHAN [DE]; WENZLAFF JAN [DE]; KUEBSCH MICHAEL [DE]	MOUNTING SYSTEM FOR SOLAR PANELS AND CONNECTING BRACKET FOR SAME
WO2010133688 A2 20101125	US20090179859P 20090520	F24J2/32; F03G6/06; F24J2/34; F24J2/52; F24J2/54; F25B27/00; F25B29/00	SUISSE ELECTRONIQUE MICROTECH [CH]; HINDERLING THOMAS [CH]	MINI SOLAR ISLANDS FOR HOUSEHOLD NEEDS

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WO2010133693 A1 20101125	SI20090000147 20090522	C09C1/24; C09C1/34; C09C3/08; F24J2/48; H01L31/0216	ALANOD ALUMINIUM VEREDLUNG GMBH & CO KG [DE]; KEMIJSKI INST NAT INST OF CHEMISTRY [SI]; HELIOS TOVARNA BARV LAKOV IN UMETNIH SMOL KOLICEVO D O O [SI]; KOZELJ MATJAZ [SI]; OREL BORIS [SI]; STEINBUECHER MIHA [SI]; JERMAN IVAN [SI]; VODLAN MARJANCA [SI]; PER	COIL-COATED SPECTRALLY SELECTIVE COATINGS ON COPPER OR ALUMINUM WITH PIGMENTS MODIFIED BY AMINOSILANE
WO2010134028 A2 20101125	IT2009TO00382 20090519	F24J2/12	ALBANESE EMANUELE [IT]; BENINI ANDREA [IT]	SOLAR COLLECTOR
WO2010134069 A1 20101125	US20090180362P 20090521	F24J2/06; G02B3/12; G02B6/00; G02B17/08; G02B27/09; H01L31/0232; H01L31/052	ZWEIG YOHANAN FREDERIC [IL]	LIGHT CONCENTRATOR, REDIRECTOR AND DISTRIBUTOR
WO2010134819 A1 20101125	NO20090001877 20090513	F28F1/40; F24J2/04	NORSK HYDRO AS [NO]; PLOUG OLE [DK]; LUX ROBERT [DE]	HEAT EXCHANGER IN PARTICULAR FOR SOLAR APPLICATIONS

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WO2010135191 A2 20101125	US20100779639 20100513; US20090468992 20090520	F24J2/52; F24J2/38; H01L31/042	ZOMEWORKS [US]; BAER STEVE [US]; TAN KEVIN [US]	DUAL AXIS SUPPORT FOR HIGH WIND SOLAR PANELS
WO2010135909 A1 20101202	CN20092156078U 20090523; CN20091178668 20090922	F24J2/02; A47J27/04; F24J2/05	SHI YANG [CN]	STEAM HEATING METHOD USING SOLAR ENERGY AND SOLAR STEAM COOKER
WO2010136022 A2 20101202	DE200920007526U 20090527	F24J2/52	SCHLETTER GMBH [DE]; KOCH BERND [DE]; URBAN HANS [DE]	APPARATUS FOR FASTENING A MOUNTING RAIL TO A THREADED SHAFT
WO2010136331 A1 20101202	DE200910023385 20090529; DE200920007722U 20090529	B08B3/02; B60P3/14; F24J2/46	MATHES MICHAEL [DE]	INSTALLATION FOR CLEANING PHOTOVOLTAIC AND SOLAR INSTALLATIONS
WO2010136463 A2 20101202	DE200910026546 20090528	F24J2/07	SCHOTT SOLAR AG [DE]; SCHULTE- FISCHEDICK JAN [DE]	SOLAR COLLECTOR
WO2010136468 A1 20101202	FR20090053466 20090526	E04H6/02; F24J2/04; H01L31/042	BATUT BERNARD [FR]; ART UR SARL [FR]; ENERQOS FRANCE SAS [FR]; PASCAL PHILIPPE [FR]; VOGELEISEN MARC [FR]; GASHTI SHAHIN [FR]	PARKING SHELTER PROVIDED WITH PHOTOVOLTAIC SOLAR PANELS

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WO2010137051 A2 20101202	IT2009TO00403 20090527	F24J2/10; F24J2/18	DWA S R L [IT]; CARMELLO CLAUDIO [IT]	TWO-STAGE THERMAL SUN CONCENTRATOR
WO2010139772 A2 20101209	UA20090004252 20090604; WO2009UA00028 20090630	F24J2/34	DEV S [FR]; VLADYSLAVOVY CH SCHOKIN PETRO [UA]	SOLAR THERMAL COLLECTOR
WO2010139821 A1 20101209	ES20090001349 20090603	F03G6/06; F24J2/07	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; OLAVARRIA RODRIGUEZ- ARANGO RAFAEL [ES]; GARCIA RAMIREZ ELENA [ES]; BARRAGAN JIMENEZ JOSE [ES]; NAVIO GILABERTE RAUL [ES]; SERRANO GALLAR LUCIA [ES]	SOLAR CONCENTRATOR PLANT USING NATURAL- DRAUGHT TOWER TECHNOLOGY AND OPERATING METHOD
WO2010139822 A1 20101209	ES20090001350 20090603	F24J2/08; F24J2/46	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; DE DIOS PARDO ANTONIO [ES]; MARTIN MOROTO CARLOS [ES]	STRUCTURE AND CLOSURE OF A PHOTOVOLTAIC CONCENTRATOR MODULE AND ASSEMBLY METHOD THEREOF

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010139823 A1 20101209	ES20090001374 20090605	F24J2/07; F03G6/06; F22G1/06	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; NAVIO GILABERTE RAUL [ES]; MARTINEZ SANZ NOELIA [ES]; BARRAGAN JIMENEZ JOSE [ES]; SERRANO GALLAR LUCIA [ES]; LLORENTE FOLCH PAULA [ES]; MENDEZ MARCOS JOSE MARIA [ES]	SUPERHEATED STEAM SOLAR RECEIVER
WO2010140110 A2 20101209	BE20090000343 20090605	F24J2/52; E04D13/14; H01L31/042	SEGRS BVBA [BE]; SEGRS JOHAN [BE]	FIXING SYSTEM FOR SOLAR PANELS
WO2010141750 A2 20101209	US20090268237P 20090609; US20100311745P 20100308; US20090217794P 20090603	F24J2/38; F24J2/52; H01L31/042	GRAVITAS GROUP LLC [US]; PARK KEN HYUN [US]	SOLAR PANEL TRACKING AND MOUNTING SYSTEM

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WO2010142664 A1 20101216	US20090185084P 20090608	F24J2/14	SIEMENS CONCENTRATE D SOLAR POWER LTD [IL]; SIEMENS AG [DE]; GIL ORI [IL]; KLAPWALD SHMULIK [IL]; LEVI NAIM [IL]; SHARON YIGAL [IL]	SOLAR FIELD AND METHOD FOR ASSEMBLING THE SOLAR FIELD
WO2010142837 A1 20101216	ES20090001410 20090612; ES20100030829 20100531	F24J2/46; B08B1/04; F24J2/14	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; JIMENEZ HUERTAS JUAN [ES]; GAMEZ VELA DAVID [ES]; GARCIA RAMIREZ ELENA [ES]	CLEANING VEHICLE AND METHOD FOR PARABOLIC TROUGH SOLAR COLLECTORS
WO2010143050 A2 20101216	IT2009UD00115 20090609	F24J2/14; F24J2/52	VETRARIA BIANCADESE DI LUCATELLO & C SAS [IT]; COGLIATI DOMENICO PAOLO MARIA [IT]	SUPPORT STRUCTURE FOR SOLAR PLANTS
WO2010143173 A1 20101216	IE20090000451 20090610	F24J2/52; E04B7/12; E04D3/35; H01L31/048	KINGSPAN RES & DEV LTD [IE]; CAROLAN JAMES [IE]; FLYNN GREGORY [IE]	A SOLAR COLLECTOR PANEL SYSTEM

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WO2010144672 A1 20101216	US20090185990P 20090610; US20100794352 20100604	F24J2/04	PVT SOLAR INC [US]; NARAYANAMURTHY RAMACHANDRAN [US]	METHOD AND STRUCTURE FOR A COOL ROOF BY USING A PLENUM STRUCTURE
WO2010144930 A2 20101223	AT20090000930 20090617	F24J2/46	ALVATEC ALKALI VACUUM TECHNOLOGIES GMBH [AT]; OGRIS ERHARD [AR]	GETTER AND GETTER ARRANGEMENT, DEVICE COMPRISING THE SAME, AND METHOD FOR PRODUCING A GETTER
WO2010145059 A1 20101223	CN20091033408 20090619	G01C1/00; F24J2/38	CO CHANCE ENERGY SYSTEM ENGINEERING CO LTD [CN]; XIAO ZHENGDE [CN]; JI JIXIANG [CN]; ZHANG XIAOQIN [CN]; LU SEN [CN]; WANG XINGMIN [CN]; FEI JIANMIN [CN]	SUN-TRACKING PHOTOVOLTAIC DETECTOR
WO2010145060 A1 20101223	CN20091033186 20090615	H02N6/00; F24J2/38	SOLAR INDUSTRY LTD [CN]; WANG XINGHUA [CN]	GRID-CONNECTED PHOTOVOLTAIC POWER GENERATION BIAxIAL TRACKING SYSTEM
WO2010145847 A1 20101223	IT2009MI01090 20090619	C10B47/00; B01J19/12; C10B49/02; C10B49/14; C10B51/00; C10B53/06; C10G1/02; C10G1/04; F24J2/00	ENI SPA [IT]; DELBianco ALBERTO [IT]; DE GHETTO GIAMBATTISTA [IT]	PROCESS FOR THE EXTRACTION OF HYDROCARBONS FROM OIL SANDS AND OIL SHALE

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010146194 A1 20101223	ES20090030335 20090619	F03G6/06; F01K3/00; F24J2/04	UNIV MADRID POLITECNICA [ES]; MARTINEZ- VAL PENALOSA JOSE MARIA [ES]; VALDES DEL FRESNO MANUEL [ES]; ABANADES VELASCO ALBERTO [ES]; AMENGUAL MATAS RUBEN [ES]; PIERA CARRETE MIREIA [ES]; MONTES PITA MARIA JOSE [ES]; ROVIRA DE ANTONIO ANTONIO [ES]; MUNOZ ANT	SOLAR THERMAL POWER STATION WITH EXERGETIC MANAGEMENT OF HEAT
WO2010146201 A1 20101223	ES20090001460 20090619	F03G6/06; E04H5/12; F24J2/07; F28C1/00	ABENGOA SOLAR NEW TECHNOLOGIES [ES]; OLAVARRIA RODRIGUEZ- ARANGO RAFAEL [ES]; GARCIA RAMIREZ ELENA [ES]; BARRAGAN JIMENEZ JOSE [ES]	TOWER FOR SOLAR CONCENTRATION PLANT WITH NATURAL DRAUGHT COOLING

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010146208 A2 20101223	ES20090001454 20090619		ELECTROTECNICA IND Y NAVAL S L [ES]; TENREIRO VAZQUEZ GERARDO [ES]	SOLAR TRACKER
WO2010146583 A2 20101223	US20090187060P 20090615	H01L31/042	FISHLER YEHOASHUA [IL]	ELECTRICAL GRID SOLAR ENERGY HARVESTING SYSTEM
WO2010148137 A2 20101223	US20090218861P 20090619	F24J2/04; F24J2/46	FAFCO INC [US]; RUBIO MICHAEL ROBERT [US]; BORING CARTHEL D [US]; HAPPERSETT WILLIAM E JR [US]; ARONSON NATHAN A [US]; TURNER SHAYNE B [US]; MASSE DAVID C [US]; BACIGALUPO ANDREW J [US]; SMITH BRIAN H [US]; GREENE JOANN C [US]	SOLAR WATER HEATING SYSTEM
WO2010148389 A2 20101223	US20090218935P 20090620	H01L31/052; F24J2/06; F24J2/08	UNIV WAYNE STATE [US]; KUO PAO KUANG [US]	LIGHT FUNNEL
WO2010149177 A2 20101229	DE200920008781U 20090626; EG20100071240 20100721	F24J2/02	SAMAK NABIL MAHMOUD TALAT WAHBA [EG]	SOLAR HEAT COLLECTOR AND HEAT FOCUSER TO MELT SAND/METAL/SALT OR TO PRODUCE METHANOL AND TO GENERATE SIMULTANEOUSLY ELECTRICITY BY THE COOLING METHODS ANERGY CIRCUITS

Número de Documento	Prioridade(s)	Classificação Internacional	Depositante	Título
WO2010149550 A2 20101229	AT20090000978 20090625	F24D3/04; F24D3/10; F24D11/00; F24D19/00; F24J2/46	VKR HOLDING AS [DK]; ENGELHART KLAUS [AT]	METHOD FOR PROVIDING HEAT
WO2010150085 A1 20101229	IT2009UD00121 20090625	F24J2/54; F16C19/52; F24J2/14	D D SRL [IT]; DE CILLIA LUIGI [IT]; DURI GIORDANO [IT]; ZULIANI GIANFRANCO [IT]	MOVEMENT MECHANISM AND SOLAR PLANT USING SAID MECHANISM
WO2010150086 A2 20101229	IT2009UD00124 20090626	F24J2/04; E04D3/35	STUDIO PROSIM SRL CON UNICO SOCIO [IT]; DAMO MARIO [IT]	MODULAR PANEL TO MAKE ROOFS OR WALLS, RELATIVE ROOFS OR WALLS AND RELATIVE METHOD

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 Européia de Patentes (EPO) ¹	RO	Romênia
ES	Espanha	RU	Federação Russa
FI	Finlândia	SE	Suécia
FR	França	SG	Singapura
GB	Reino Unido	SI	Eslovênia
GR	Grécia	SK	Eslováquia
HK	Região Administrativa Especial de Hong Kong Da República Popular da China	TR	Turquia
HR	Croácia	TW	Taiwan
HU	Hungria	UA	Ucrânia
ID	Indonésia	US	Estados Unidos
IE	Irlanda	WO	Organização Mundial de Propriedade Intelectual (WIPO) ²
IL	Israel	ZA	África do Sul

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

¹ A OAPI é um organismo intergovernamental encarregado de emitir títulos de proteção dos direitos de propriedade industrial e de prestar serviços relacionados com a propriedade industrial para cada um dos Estados-membros. Aplica uma legislação uniforme que tem lugar de lei nacional para cada um dos Estados-Membros: o Acordo de Bangui. Estes títulos de proteção têm efeito automático em cada um dos seguintes Estados-membros: Benim, Burkina 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.