

Search history

Search 1: ft=(bed or furniture) and (solar panel* or photovoltaic) and (LED* or bulb*) and batter* (Results 166)

Search 2: ft=(bed or furniture) and solar cell* and (LED* or bulb*) and batter* (Results 116)

- session log created:18 May 2017 15:19:53

- Update information:

PatBase Coverage at Update 2017 Week 19 (Year 2017 Week 19)

PatBase Coverage includes 100+ million documents from over 100 patent-issuing authorities and includes patent applications, granted patents, utility models and designs â€” detailed in the below coverage listings.

Major countries

Publishing body	Document type	Bibliographic publication date		Full-Text publication date	
		Earliest	Latest	Earliest	Latest
CN China	Patent Applications	19850910	20170510	19850910	20170510
	Patents	19930106	20170510	19930106	20170510
	Utility Model Applications	19850409	19921230	19850409	19921230
	Utility Models	19930106	20170503	19930106	20170503
	Designs	19850910	20170510	19850910	20150819
DE Germany	Patent Applications	19211221	20170511	19650317	20170511
	Patents	18770101	20170511	19200113	20170511
	Utility Models	19280626	20170511	19610831	20170511
	EP/WO Patents	19871217	20140410		
EP European Patent Office	Patent Applications	19781220	20170510	19781220	20170510
	Patents	19800109	20170510	19800109	20170510
FR France	Patent Applications	19690307	20170512	19810102	20170421
	Patents	18550227	20170512	19600502	20170512
	Utility Model Applications	19720107	20170512	19800104	20170421
	Utility Models	19730112	20170512	19690802	20170512
GB United Kingdom	Unpublished Patent Applications	19830209	20170426		
	Patent Applications	19790104	20170510	19790104	20170426
	Patents	17820704	20170510	19020911	19811216
	Patent Applications	19710116	20170518	19930108	20170427
	Patents	19281026	20170419	19960529	20170419

	Utility Model Applications	19710723	20060209	19990817	20031107
	Utility Models	19640805	19960329		
	Registered Utility Models	19940726	20170420	19940726	20101216
	Designs	20141110	20170508		
KR Republic of Korea	Patent Applications	19781209	20170512	19940103	20170512
	Patents	19700820	20170512	19970104	20170512
	Utility Model Applications	19781127	20170512	19940730	20170512
	Utility Models	19780110	20170512	19970104	20170512
US United States of America	Patent Applications	20010315	20170511	20010315	20170511
	Patents	18360101	20170509	18560617	20170509
	Designs	18650912	20170509	19770719	20170509
WO World Intellectual Property Organization (WIPO)	Patent Applications	19781019	20170511	19781019	20170511
	Designs	20151127	20170512	20151127	20170331

20170513 21:00

- Login to Patbase:18 May 2017 15:19:53
- **search:** SS1 ft=(bed or furniture) and (solar panel* or photovoltaic) and (LED* or bulb*) and batter* (Results 166)
- List: SS1 1–10 (ft=(bed or furniture) and (solar panel* or photovoltaic) and (LED* or bulb*) and batter*) (Results 166)

0) US3295426A – RADIO TRANSMITTER–CAMERA COMBINATION

1) Family number: 22775317 (US3295426A)

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Title: RADIO TRANSMITTER–CAMERA COMBINATION
Priority: US19610102047 19610410 US19640382280 19640713

Family:	Publication number	Publication date	Application number	Application date
	BE616170 A1	19621009	BE19620616170	19620409
	GB949702 A	19640219	GB19620013164	19620405
	US3194137 A	19650713	US19610102047	19610410
	US3295426 A	19670103	US19640382280	19640713

Probable Assignee: POLAROID CORP

Assignee(s):^(std): POLAROID CORP

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 LOTHROP JOHN W ; LOTHROP JOHN WINSTON ; WAREHAM RICHARD R ;
 WAREHAM RICHARD ROGERS

Inventor(s): RICHARD JEN CHEN ; RICHARD ROGERS WAREHAM ; EDWIN HERBERT LAND ;
 JOHN WINSTON LOTHROP

International class
^{(IPC 8-9):} [G03B15/04 G03B17/38 G03B17/52 H05B41/32 H05K11/00](#) (Advanced/Invention) ;
[G03B15/03 G03B17/38 G03B17/48 H05B41/30 H05K11/00](#) (Core/Invention)

International class
^{(IPC 1-7):} [G03B15/03 G03B15/05 G03B17/38 G03B17/52 G03B9/70 H05K11/00](#)

CPC: [G03B17/52 H05B41/32 G03B15/0473 G03B17/38 H05K11/00](#)

European class: [G03B15/04F5 G03B17/38 G03B17/52 H05B41/32 H05K11/00](#)

US class: [362/8 396/174 396/195 396/200 455/351 455/66.1 455/95 D14/168](#)

[Classification Explorer](#)

Cited documents: US3018707 A, US2995073 A, US2967469 A, US2966964 A, US2925764 A, US2866082 A, US2776364 A, US2501405 A, US2491719 A, US2020741 A, US2011895 A, US1768315 A,

Forward Citations: US4497551, US3961342, US3439596, EP1729171,

Abstract:

Source: GB949702A 949,702. Cameras.

INTERNATIONAL POLAROID

CORPORATION. April 5, 1962 [April 10,

1961], No. 13164/62. Heading G2A. A camera

has a radio transmitter mounted thereon, a signal being transmitted in synchronization with the shutter when the latter is actuated.

The signal is arranged to trigger a flash bulb which is at a distance from the camera. The camera may also be used with a flash bulb

mounted directly thereon, in the normal way.

Fig. 10a shows a flash bulb 260 and reflector

262 mounted in a recess at the front of the camera, just above the photovoltaic cell 74.

The bulb and reflector are rotatable so as to

provide either direct or indirect illumination.

The bulb and reflector can be removed and

replaced by the radio transmitter shown in Fig.

15. This is a miniaturized transistor oscillator,

the terminals 267 being "printed" on each side

of an insulating board 278, so that they fit the

contacts of the bulb socket. The device has an

antenna rod 276. The shutter mechanism is

shown in Fig. 6, and is mounted generally on a

plate 125. It comprises front and rear shutter

blades 126 and 176 respectively. Front blade

126, which has a rectangular exposure

aperture 128, is rigidly attached to a plate 130

pivoted at 132, so that both elements rotate as

a unit. An arm 140 on plate 132 is clamped to

one end of a pneumatic bellows 148, and the

elements 126, 132 are biased anticlockwise by

a spring 152. The rear shutter blade 176 is

biased anticlockwise on a pivot 178 by a

spring 180, and also has a rectangular

exposure aperture therein. Behind the shutter

blades is a shield plate 186, having likewise an

aperture therein. The photographic exposure is

made when the aperture 128 in the front blade

passes across the other apertures when they

are in alignment. Fig. 6a shows the parts in

cocked position, and Fig. 6 just after an exposure

has been completed. In the cocked position, a cam

tooth 188 of the rear blade engages under an arm

138 of the front blade, so that when the release

is pressed, anticlockwise motion of the rear

blade causes clockwise motion of the front

blade, until parts 188 and 138 disengage. Front

blade then commences to turn anticlockwise

under its own biasing spring, and it is during

this movement that all three apertures coincide

to make the exposure. The electrical contacts

for the flash operation are formed as fixed

contact 218 on plate 125 and a movable contact

212 on an arm 204 of insulating material. Arm

204 is biased clockwise about a pivot 206 by a

wire spring 226, so tending to close the

contacts. They are, however, normally

held open by cam elements on rear and front

shutter blades acting against a cam follower

part 208 of arm 204, which is released to

close the contacts and actuate the flash

about twelve milliseconds before maximum

alignment of shutter and diaphragm apertures.

A galvanometer 160 is operated in response

to the current from photovoltaic cell 104,

and attached to the coil is a vane 162

having therein an aperture 164 of varying

width. Underlying the vane is an air chamber

166 leading to bellows 148, and fastened to

the air chamber is a plate member 168 with

an orifice underlying the aperture of the

vane. The shutter speed is controlled by the

location of the aperture in vane 162 with

PatBase - US3295426_A

Jan. 3, 1967

E. H. LAND ET AL.

3,295,426

RADIO TRANSMITTER-CAMERA COMBINATION
Original Filed April 10, 1965

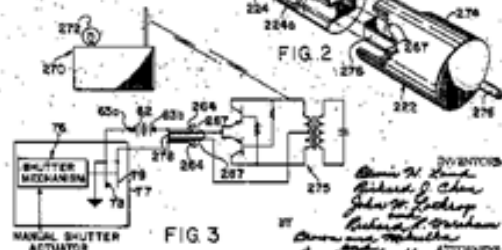
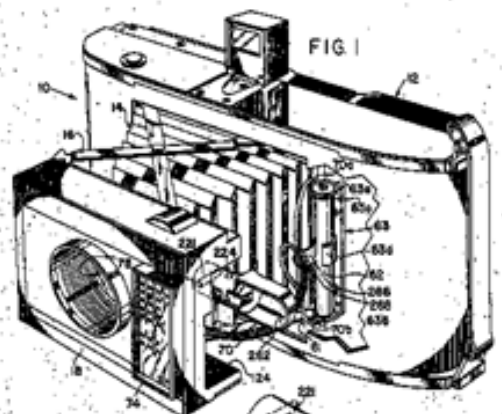


FIG. 3

MANUAL SHUTTER ACTUATOR

SHUTTER MECHANISM

FIG. 4

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FIG. 116

FIG. 117

2) Family number: 21596031 (FR1524742A)

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Title: DISPOSITIF D'EXPLORATION SCINTIGRAPHIQUE DEVICE FOR EXPLORATION scintigraphic (Machine translation)

Priority: FR19670108186 19670529

Family:	Publication number	Publication date	Application number	Application date
	FR1524742 A	19680510	FR19670108186	19670529

Probable Assignee: INTERTECH

Assignee(s):^(std): INTERTECH

Assignee(s): INTERTECH INC

International class G01T1/166 (Advanced/Invention);
(IPC 8-9): G01T1/00 (Core/Invention)

CPC: G01T1/166

European class: G01T1/166

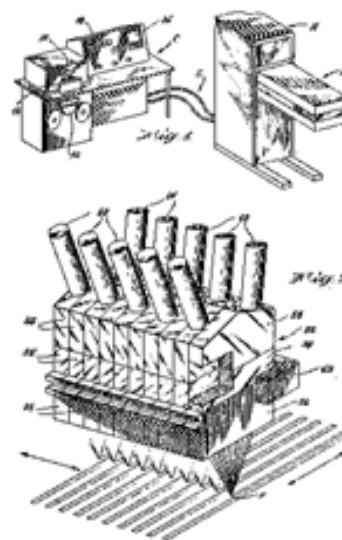
[Classification Explorer](#)

Abstract:

Source: FR1524742A [Source: Claim 1]
suivant lequel cette information est inscrite sur la bande est celui indique sur la figure 16, sur laquelle la position X est inscrite sous la forme d'un nombre binaire de huit bits, et la position Y sous la forme de deux nombres binaires de quatre bits identifiant le canal et le numero de la ligne interessee parmi les lignes entrelacees, tandis que l'intensite Z est inscrite en nombres d'impulsions recues. La quatrieme rangee represente les impulsions horaires ou de rythme. Les deux dernieres impulsions du code X, Y et Z indiquent la fin du mot. A la fin du cycle d'écriture de donnees, un signal de commande est transmis par l'oscillateur collecteur 74 au conditionneur d'accentuation 110. Il en resulte l'application d'une rafale d'impulsions au tube a rayons cathodiques, ce qui donne au spot une brillance proportionnelle aux comptes recus par le canal nO 3. En meme temps, l'accumulateur nO 3 est remis a zero et, a la fin du signal d'ouverture du conditionneur, les registres X, Y et Z sont retablis. Le contenu du canal nO 4 est alors traite de la meme maniere, ainsi que celui des autres canaux traites successivement et ulterieurement. Certaines modifications encore peuvent etre apportees aux modes de realisation decrits, dans le domaine des equivalences techniques, sans s'ecarter de l'invention. RESUME 10 Dispositif d'exploration scintigraphique comprenant un ensemble lineaire d'organes de detection de scintillation, un collimateur associe a chaque organe detecteur pour lui transmettre un rayonnement emanant d'un foyer different choisi a l'avance, un mecanisme deplacant ledit ensemble au-dessus d'une region a examiner pour faire suivre a chacun des foyers un diagramme d'exploration choisi a l'avance, une serie d'organes photo-electriques sensibles chacun aux scintillations produites par un detecteur different et produisant a leur tour des signaux electriques sous forme d'impulsions correspondantes, et des organes capables de produire en reponse a ces impulsions et a la position de l'ensemble precite un signal de sortie representant la repartition d'un rayonnement dans un objet explore. 20 Modes de realisation du dispositif d'exploration suivant 1,

PatBase - FR1524742_A

N° 1524742 Société de : InterTech, Inc. 3 planches. - Pl. 1



presentant les particularites suivantes, considerees separement ou collectivement a. Le diagramme d'exploration comprend un premier reseau de lignes paralleles successives et un second reseau de lignes paralleles successives, certaines au moins des lignes du second reseau s'etendant chacune entre deux lignes du premier reseau, parallelement a celles-ci; b. Le diagramme d'exploration comprend un troisieme reseau de lignes paralleles successives, dont certaines au moins s'etendent entre des lignes adjacentes appartenant respectivement aux premier et second reseaux, parallelement a ces lignes; c. Les organes sensibles aux impulsions electriques comprennent une serie d'accumulateurs ou totalisateurs, chacun de ceux-ci etant monte de maniere a recevoir et a pouvoir emmagasiner des impulsions electriques provenant d'un organe photo-electrique different, des organes d'examen sequentiel et recurrent de ces accumulateurs, pour faire varier le signal de sortie precite en reponse a l'intensite du rayonnement recu par les organes detecteurs associes aux divers accumulateurs, et des organes permettant de faire varier la frequence de recurrence de cet examen en fonction de la vitesse d'exploration, pour permettre le balayage d'un diagramme spatial choisi a l'avance, quelle que soit la vitesse d'exploration; d. Les organes sensibles aux impulsions electriques comprennent en outre des organes d'adressage comportant des sorties qui representent les positions transversale et longitudinale de chacun des collimateurs au moment de l'examen de l'accumulateur associe; e. La position longitudinale est exprimee par un premier nombre binaire indiquant l'accumulateur examine et par un second nombre binaire indiquant la ligne qui contient le foyer associe a cet accumulateur; f. La position transversale est exprimee par un troisieme nombre binaire indiquant la position du foyer le long de la ligne precitee; g. Les organes sensibles aux impulsions electriques expriment le signal de sortie precite sous la forme d'un quatrieme nombre binaire indiquant l'intensite du rayonnement; h. Les organes sensibles aux impulsions electriques comprennent des elements d'enregistrement magnetique branches de maniere a enregistrer une fonction representant les quatre nombres binaires precites; 7. Les organes sensibles aux impulsions electriques comprennent un premier convertisseur numerique-analogique monte de maniere a recevoir les premier et second nombres binaires et a produire une premiere tension analogique representant ces nombres, un second convertisseur numerique-analogique monte de maniere a recevoir le troisieme nombre binaire et a produire une seconde tension analogique representant ce nombre, un troisieme convertisseur numerique-analogique monte de maniere a recevoir le quatrieme nombre binaire et a produire une troisieme tension analogique representant ledit nombre, un conditionneur recevant cette troisieme tension, des organes pour ouvrir periodiquement ce conditionneur et laisser passer cette troisieme tension, et un tube a rayons cathodiques comportant un premier jeu de plaques de deviation montees de maniere a recevoir la premiere tension et un second jeu de plaques de deviation montees de maniere a recevoir la seconde tension, l'intensite du tube a rayons cathodiques etant sensible a la valeur de la troisieme tension; j. Les organes sensibles aux impulsions electriques comprennent des organes analyseurs d'amplitude d'impulsions, qui ne laissent passer selectivement que les impulsions electriques dont l'amplitude est superieure a un niveau inferieur predetermine et inferieur a un niveau superieur predetermine; k. Les niveaux superieur et inferieur sont selectivement ajustables dans la meme mesure, mais en sens inverses; l. Les organes analyseurs d'amplitude d'impulsions comprennent un discriminateur de niveau inferieur comportant une entree et une sortie, un discriminateur de niveau superieur comportant une entree et une sortie, un conditionneur OU recevant les signaux de sortie des deux discriminateurs, des organes appliquant les impulsions electriques a l'entree des deux discriminateurs, et des organes pour polariser les deux discriminateurs au meme degre mais en sens opposes; m. Les organes de polarisation sont soumis a une commande commune; n. Des organes photo-electriques sont associes chacun a un analyseur d'amplitude d'impulsions different et les organes de polarisation sont communs a tous les analyseurs d'amplitude d'impulsions; o. Chaque detecteur de scintillation comprend un cristal a scintillation et un element de transmission de la lumiere - adjacent a ce cristal; p. Chacun des organes photo-electriques est constitue par un tube photo-electrique monte sur l'un des elements de transmission de la lumiere precites; q. Les tubes photo-electriques sont imbriques; r. Chacun des collimateurs comprend un element absorbant les rayonnements, presentant une serie de canaux, ces divers canaux convergeant vers un foyer commun dispose a l'exterieur de l'element considere, les extremités divergentes des canaux etant voisines d'un detecteur de scintillation commun, tous les collimateurs etant reunis en un ensemble monobloc. [Source: Claim 1] according to which this information is recorded on the tape is the one indicated in Figure 16, on which the X position is registered as a binary number of eight bits, and the Y position in the form of two binary numbers of four bits identifying the channel and the number of the interested line from the interlaced lines, while the intensity Z is registered preconceived pulse numbers. The fourth row represents the hourly pulse or rhythm. The last two pulses of code X, Y and Z indicate the end of the word. At the end of the data of writing cycle, a control signal is transmitted by the collector oscillator 74 to accent conditioner 110. This results in the application of a burst of pulses at ray tube cathode, which gives the spot a proportional shine to accounts received by the nO channel 3. at the same time, the battery No.3 is zeroed and, at the end of opening signal conditioner, the X-, Y and Z are restored. The content of the channel 4 nO is then treated in the same manner, as that of other channels successively treated and subsequently. Some changes may still be described which have been made to the embodiments, in the field of technical equivalences, not to depart from the invention. SUMMARY 10 scintigraphic exploration device comprising a linear set of scintillation detection devices, a collimator associated to each detector element to transmit a radiation emanating from a different home selected in advance, a mechanism for moving said assembly au over a region to look to forward to each household an exploration chart selected in advance, a series of sensitive Photovoltaic organs to each scintillation produced by a different and producing a detector electric turn signals as corresponding pulses, and organs capable of producing in response to these pulses and the position of all previously cited an output signal representing the distribution of radiation in a subject explored. 20 Modes of realization of the next scanning device 1, presenting the following peculiarities, regarded separately or collectively a. The exploration diagram includes a first network of successive parallel lines and a second network of successive parallel lines, at least some of the lines of the second network s'etendant each between two lines of the first network, parallel to them; b. Island exploration chart includes a third successive network of parallel lines, some of which at least s'etendent between adjacent lines belonging to the first and second networks, respectively, parallel to these lines; c. The sensitive organs electric pulses comprise a series of accumulators or counters, each of them being mounted in such a manner to receive and store electric power

pulses from a photo-electric organ different, examination bodies and sequential recurrent of these batteries, to vary the output cited above in response to the intensity of the radiation received by the detectors associated with various organs battery, and means for varying the frequency of recurrence of this depending on the speed review exploration, to allow the scanning of a spatial diagram selected in advance, regardless of the speed exploration; d. The sensitive organs electric pulses further include addressing organs having outputs that represent the transverse and longitudinal positions of each of the collimators when examining the accumulator associates; e. The longitudinal position is expressed by a first binary number indicating the battery looks and a second binary number indicating the line that contains the home associated to this battery; f. The transverse position is expressed by a third binary number indicating the focus position along the line cited above; g. The sensitive organs electrical impulses express the output cited above as a fourth binary number indicating the intensity of the radiation; h. The sensitive organs electric pulses comprise magnetic recording Elements branches of a way to register a function representing the four binary numbers cited above; 7., The sensitive organs electric pulses comprise a first digital-analog converter rises of way to receive the first and second binary numbers and produce a first analog voltage representing these numbers, a second digital to analog converter rises of way to receive the third number binary and produce a second analog voltage representing that number, a third digital-analog converter rises of way to receive the fourth binary number and produce a third analog voltage representing the said number, conditioner receiving the third voltage, organs to open periodically this conditioner and let this third voltage and a tube catho diques rays having first game monteers deviation plates manner to receive the first voltage and a second set of deviation plates monteers of way to receive the second voltage, the intensity of the cathode ray tube being sensitive to the value of the third voltage; j. The sensitive organs electric pulses comprise pulse amplitude analyzer organs, which pass selectively the electrical pulses whose amplitude exceeds one predetermine lower and lower level to a higher level predetermine; k. The upper and lower levels are selectively adjustable to the same extent, but in opposite directions; l. The pulse amplitude analyzers members comprise a lower level discriminator having an input and an output, a higher level discriminator having an input and an output, an OR conditioner receiving the output signals of the two discriminators, organs applying electrical pulses at the entrance of the two discriminators, and organs to polarize the two discriminators to the same degree but in opposite directions; m Polarization organs are subject to common control; not. Photo-electric elements are associated each has a different pulse height analyzer and the polarization elements are common to all pulse amplitude analyzers; o. Each scintillation detector includes a scintillation crystal and an element for transmitting the light – adjacent to this crystal; p. Each photo-electric elements is a photo-electric tube mounted on one of the transmission of the Elements ABOVE light; q. The Photovoltaic tubes are interwoven; r. Each of the collimator includes a radiation absorbing element, presenting a series of channels, these various channels converging towards a common focus has on the outside of the element considered, the divergent ends of the channels being mutually neighboring scintillation detector, all collimators being reunited in one piece assembly.

0) US5037917A – PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

3) Family number: 29233865 (US5037917A)

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Title: PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

Priority: CA19912057309 19911209 CN19911012744 19911209 US19890364667 19890609
 US19900534819 19900607 US19910720553 19910625 US19910673884 19910322
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Family:

Publication number	Publication date	Application number	Application date
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<u>NO177824 C</u>	19951129	NO19910000518	19910208
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<u>WO9425547 A1</u>	19941110	WO1994US04274	19940419	

Probable Assignee: DOW CHEMICAL CO

Assignee(s):^(std): MORGAN TED A ; RICHEY W FRANK ; EZZELL BOBBY R ; BABB DAVID A ; CLEMENT KATHERINE S ; DOW CHEMICAL INT CO LTD ; THE DOW CHEMICAL COMPANY ; DOW CHEMICAL CO

Assignee(s): DOW CHEMICAL CO A CORP OF DELAWARE ; THE DOW CHEMICAL CO MIDLAND MICH US ; THE DOW CHEMICAL COMPANYUS ; DOW CHEM CO ; DOW CHEM CO THE ; BRATTON LARRY D ; DOW CHEMICAL COMPANY ; DOW CHEMICAL CO THE ; DOW CHEMICAL COMPANY THE ; RICHEY W ; THE DOW CHEMICAL CO ; DOW CHEMICAL CO A OF DE CORP ; JEZIC ZDRAVKO ; PERETTIE DONALD J ; KENNEDY ALVIN P ; LANE ECKEL R

Inventor(s):^(std): AL ZDRAVKO JEZIC ET ; ALVIN P KENNEDY ; ARUBIN PII KENEDEI ; BABB DAVID A ; BABB DAVID B ; BOBBY R EZZELL ; BRATTON LARRY D ; CLEMENT KATHERINE S ; CLEMENT KATHERINE ; CLEMENT KATHERINE S ; DABURIYU FURANKU RITSUCHII ; DAVID A BABB ; DEBITSUTO EE BABU ; DONARUDO JIEI PERETSUTEI ; DORAFUKO JIEJITSUKU ; ETSUKERU AARU REEN ; EZZELL BOBBY R ; JEZIC ZDRAVKO ; JEZIE ZDRAVKO ; KATHERINE S CLEMENT ; KENNEDY ALVIN P ; KIYASURIIN ESU KUREMENTO ; LAN ECKEL ; LANE ECKEL R ; LARRY D BRATTON ; MORGAN TED A ; PERETTIE DONALD J ; PETERSON EDWARD R ; RARII DEII BURATSUTON ; RICHEY FRANCK W ; RICHEY W FRANK ; W FRANK RICHEY ; ZDRAVKO JEZIC ET AL ; RICHEY W ; EZZELL BOBBY ; BABB DAVID

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR

Designated states: AT AU BE CA CH DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL NO PT SE US

International class
(IPC 8-9): A47J36/04 B32B27/00 B32B27/06 B32B27/28 B32B27/32 C07C17/26 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C07D209/48 C07D487/04 C08F12/20 C08F136/14 C08F136/16 C08F14/18 C08F16/14 C08F16/24 C08F16/32 C08F30/00 C08F30/02 C08F36/04 C08F36/16 C08G18/73 C08G18/75 C08G59/40 C08G64/00 C08G64/14 C08G65/00 C08G65/40 C08G73/10 C08G73/12 C08G75/02 C08G75/04 C08J5/04 C08L27/12 C09D127/12 C09D157/08 C10M105/54 C10M105/72 C10M107/38 C10M107/46 C10M131/10 C10M135/22 C10M147/04 C10M151/04 G01R31/28 G11B5/71 G11B5/725 H04L1/22 (Advanced/Invention);
C08F30/00 C08G65/00 C10N30/08 C10N40/18 C10N50/08 (Advanced/Non-invention);
A47J36/02 B32B27/00 B32B27/32 C07C17/00 C07C43/00 C07C65/00 C08F12/00 C08F14/00 C08F16/00 C08F30/00 C08F36/00 C08G18/00 C08G59/00 C08G64/00 C08G65/00 C08J5/04 C09D127/12 C09D157/00 C10M105/00 C10M107/00 G01R31/28 H04L1/22 (Core/Invention);
B32B27/06 C08F14/18 C08L27/12 (Core/Non-invention)

International class
(IPC 1-7): A47J36/04 B29B7/00 B29C43/10 B29C43/18 B32B27/00 B32B27/06 B32B27/28 B32B27/30 B32B27/32 B32B3/00 B32B9/04 C06F14/18 C07C327/00 C07D209/48 C07D487/04 C08F114/18 C08F12/20 C08F136/14 C08F136/16 C08F14/16 C08F14/18 C08F16/24 C08F16/32 C08F214/18 C08F259/08 C08F30/00 C08F36/16 C08F5/00 C08G18/75 C08G59/40 C08G63/66 C08G64/14 C08G65/00 C08G65/40 C08G73/10 C08G73/12 C08G75/04 C08J5/00 C08J7/04 C09D157/08 C10M105/18 C10M105/50 C10M105/54 C10M105/72 C10M107/38 C10M107/46 C10M131/10 C10M135/22 C10M147/04 C10M151/04 C10N30/08 C10N40/18 C10N40/25 C10N50/08 G11B5/71 H01B3/00

CPC: C07C17/269 C07C17/361 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C08F16/32 C07D209/48 C08G73/1039 C08G73/123 C10M131/10 C10M147/04 C10M2213/00 C10M2213/04 C10M2213/06 C10N2240/10 C10N2240/101 C10N2240/104 C10N2240/106 C10N2240/20 C10N2240/201 C10N2240/202 C10N2240/203 C10N2240/204 C10N2240/205 C10N2250/121 G11B5/725 C08F14/185 Y10S428/901 Y10S428/934 C08J5/04 C08J2327/12 C09D127/12 C09D157/08 C10M105/54 C10M107/38 H01G4/18 Y10T428/131 Y10T428/16 Y10T428/29 Y10T428/31504 Y10T428/3154 Y10T428/31554 Y10T428/31558 Y10T428/31565 Y10T428/31573 Y10T428/31598 Y10T428/31601 Y10T428/31667 Y10T428/31692 Y10T428/31743 Y10T428/31797 Y10T428/3192 C07C2603/18

European class: C07C17/269 C07C17/26B10 C07C17/361 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C07D209/48 C08F14/18B C08F16/32 C08G73/10F C08G73/12F C08J5/04

C09D127/12 C09D157/08 C10M105/54 C10M107/38 C10M131/10 C10M147/04
G11B5/725 G11B5/72B M07C103/18 M08J327/12 M10M213/00 M10M213/04
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US class:

252/54 264/257 264/258 264/328.1 264/331.11 264/331.19 264/331.21 428/34.4 428/357
428/411.1 428/421 428/423.3 428/423.4 428/423.7 428/424.2 428/425.5 428/425.6 428/44
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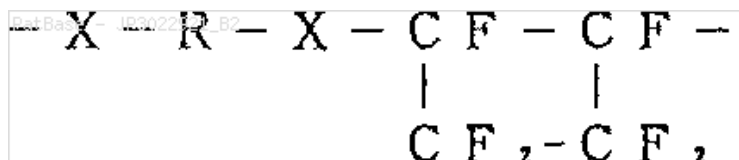
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Abstract:

Source: US5037917A A process for preparing a polymer having perfluorocyclobutane rings by the steps of (a) contacting monomers having at least two dimerizable perfluorovinyl groups; and (b) exposing the monomers to sufficient heat and for a sufficient time that a

polymer containing perfluorocyclobutane rings is formed. The invention includes polymers having a backbone comprising hydrocarbyl groups, perfluorocyclobutane rings and non-carbon atoms and polymers of at least 10,000 molecular weight having repeating units [O-(CFRf)n-O-perfluorocyclobutane].



0) US5127735A – SYSTEM FOR MEASURING THE POSITION IN SPACE OF A...

4) Family number: 5073689 (US5127735A)

© PatBase

Title: SYSTEM FOR MEASURING THE POSITION IN SPACE OF AN OBJECT USING A LIGHT BEAM

Priority: GB19890020448 19890909

Family:	Publication number	Publication date	Application number	Application date	
	EP0417934 A2	19910320	EP19900309445	19900829	
	EP0417934 A3	19910612	EP19900309445	19900829	
	GB8920448 A0	19891025	GB19890020448	19890909	
	JP3144301 A2	19910619	JP19900237283	19900910	
	US5127735 A	19920707	US19900577737	19900905	

Probable Assignee: RENISHAW PLC

Assignee(s):^(std): RENISHAW PLC

Assignee(s): RENISHAW PLC GLOUCESTER STREET WOTTON UNDER EDGE G

Inventor(s):^(std): GIRIESU DEIBITSUDO PITSUTO ; PITT GILLIES D ; PITT GILLIES DAVID

Designated states: CH DE FR GB IT LI SE

International class [G01B11/00 G01B9/02](#) (Advanced/Invention);
(IPC 8-9): [G01B11/00 G01B9/02](#) (Core/Invention)

International class [G01B9/02](#)
(IPC 1-7):

CPC: [G01B9/02029 G01B9/02068 G01B9/0207 G01B11/005](#)

European class: [G01B11/00D1 G01B9/02](#)

US class: [356/358 356/500](#)

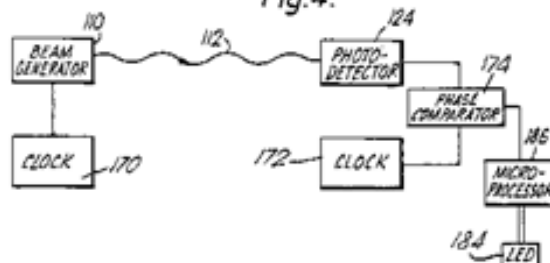
[Classification Explorer](#)

Cited documents: US4973952 A, US4643577 A, GB2162942 A1, GB2141365 A1, EP0319582 A1, DE3706610 A1,

Forward Citations: WO10105083, WO10065135, WO0101067, USRE45565, US9631922, US9631921, US9474831, US9421286, US9149648, US9101678, US9005263, US8958055, US8888731, US8803055, US8753304, US8734718, US8706211, US8702640, US8647292, US8585627, US8472029, US8460229, US8414517, US8366652, US8343086, US8282593, US8216173, US8162924, US8120780, US8081297, US8049867, US8040525, US7835011, US7271917, US7207327, US7164481, US7079261, US6655215, US6573996, US6547397, US6501550, US5991033, US5543914, US5537209, US5404222, US2011170113, US2011007327, US2011007305, US2011001958, US2010292629, US2010249692, US2010241053, US2010241052, US2010241051, US2010241050, US2010241049, US2010241048, US2010176270, US2009177139, US2009171263, US2009048648, US2007171428, US2006250617, US2005274376, JP2009229235, FR2974631, EP1510812, CN102022977,

Source: US5127735A A measuring system for measuring the position of an object comprises a laser (10), a laser interferometer (16), and a detector (24). A series of sensors for sensing environmental conditions are provided; the sensors may be attached to the object. The sensors transmit information back to a central control (46) via LED transmitter (54). The transmitter (54) is powered from a battery (56) which is in turn charged by transducing (with a solar cell) part of the power of the light beam (12) generated by the laser (10). The sensors may be temperature sensors, pressure sensors, humidity sensors, refractive index sensors, vibration sensors, or beam alignment sensors.

5,127,735



5) Family number: 3584820 (EP0516514A1)

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Title: Illuminated display panel, particularly for advertising or indicating purpose.

Priority: FR19910006459 19910529

Family:	Publication number	Publication date	Application number	Application date
	AU199217077 A1	19921203	AU19920017077	19920522
	EP0516514 A1	19921202	EP19920401393	19920521
	FR2677157 A1	19921204	FR19910006459	19910529
	FR2677157 B1	19950908	FR19910006459	19910529
	JP6167934 A2	19940614	JP19920133379	19920526
	MA22534 A1	19921231	MA19920022821	19920527
	OA9611 A	19930430	OA19920060217	19920527
	TNSN92040 A1	19930608	TN1992SN00040	19920528

Probable Assignee: SORELEC

Assignee(s):^(std): SORELEC ; SORURETSUKU

Inventor(s):^(std): DJELOUAH SALAH ; FERNET JEAN LOIS ; FERNET JEAN LOUIS ; FERNET JOAN LOUIS ; FUERUNE JIYAN RUI ; JEAN LOUIS FERNET ; JIEROO SARA ; SALAH DJELOUAH

Inventor(s): JOAN LOUIS FERNET

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Designated states: AT BE CH DE DK ES GB GR IT LI LU NL PT SE

International class
^(IPC 8-9): [F21V8/00 G02B6/00 G09F13/00 G09F13/18](#) (Advanced/Invention);
[G02B6/00 G09F13/00 G09F13/18](#) (Advanced/Non-invention);
[F21V8/00 G09F13/00](#) (Core/Invention);
[G02B6/00 G09F13/18](#) (Core/Non-invention)

International class
^(IPC 1-7): [G09F13/00 G09F13/01 G09F13/04 G09F13/18](#)

CPC: [G02B6/0021 G02B6/0055 G02B6/0091 G09F2013/1877](#)

European class: [G02B6/00L6 G02B6/00L6O8R G02B6/00L6U6R S02B6/00L6I4S4 S09F13/18C1](#)

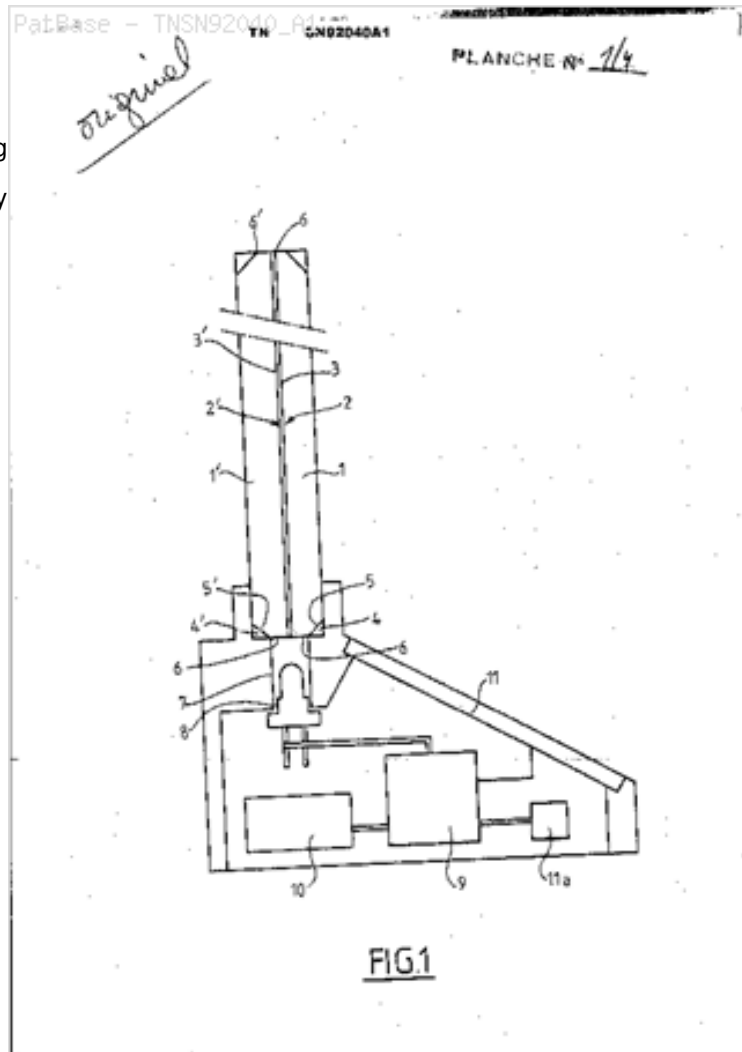
[Classification Explorer](#)

Cited documents: GB2227871 A1, DE8912008 U, DE3730591 C1,

Forward Citations: EP1988410, DE10322561, DE10322561, DE10322561, DE102009030940,

Abstract:

Source: EP0516514A1 a) Illuminated display panel, particularly for advertising or indicating purposes. b) Panel characterised in that: – the source of illumination is a distributed light source (7) constituted by a set of photoemitting electronic components (8), – the light source (7) is linked to an independent electrical supply composed of a battery (10) and of a regulation circuit (9) linking the battery (10) to the light source (7). I



6) Family number: 29669076 (US5300443A)

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Title: METHOD FOR FABRICATING COMPLEMENTARY ENHANCEMENT AND DEPLETION
MODE FIELD EFFECT TRANSISTORS ON A SINGLE SUBSTRATE

Priority: US19930094541 19930630 US19930105252 19930804 US19930105252 19930809
US19940301170 19940901 US20030677502 20031001 US20020086952 20020301
US20000607438 20000629 US19950518051 19950822 US20030614426 20030707
US20010880660 20010803 US19980047658 19980325 US19980047813 19980325
US20040911769 20040729 US20040911770 20040729 US20060637576 20061212
WO1999US06414 19990324 WO1999US06402 19990324 US20040901653 20040729
US20040911768 20040729

Family:

Publication number	Publication date	Application number	Application date
<u>AT450052 E</u>	20091215	AT19990916156T	19990324
<u>AU199932013 A1</u>	19991018	AU19990032013	19990324
<u>AU199934529 A1</u>	19991018	AU19990034529	19990324
<u>AU735461 B2</u>	20010712	AU19990032013	19990324
<u>AU752775 B2</u>	20020926	AU19990034529	19990324
<u>CA2324357 AA</u>	20000919	CA19992324357	19990324
<u>CA2324357 C</u>	20080610	CA19992324357	19990324
<u>CA2324451 AA</u>	20000919	CA19992324451	19990324
<u>CA2324451 C</u>	20050517	CA19992324451	19990324
<u>CN1144262 C</u>	20040331	CN19998005743	19990324
<u>CN1152426 C</u>	20040602	CN19998004330	19990324
<u>CN1299515 A</u>	20010613	CN19998005743	19990324
<u>CN1299519 A</u>	20010613	CN19998004330	19990324
<u>DE69941691 D1</u>	20100107	DE19996041691	19990324
<u>EP1068636 A1</u>	20010117	EP19990914090	19990324
<u>EP1068636 A4</u>	20030806	EP19990914090	19990324
<u>EP1074047 A1</u>	20010207	EP19990916156	19990324
<u>EP1074047 A4</u>	20030806	EP19990916156	19990324
<u>EP1074047 B1</u>	20091125	EP19990916156	19990324
<u>HK1036524 A1</u>	20050311	HK20010107286	20011018
<u>HK1036687 A1</u>	20040910	HK20010107292	20011018
<u>JP2002508588 T2</u>	20020319	JP20000538377T	19990324
<u>JP2002508591 T2</u>	20020319	JP20000538383T	19990324
<u>KR100407719 B1</u>	20031201	KR20007010614	20000925
<u>KR100408324 B1</u>	20031206	KR20007010615	20000925
<u>KR20010074458 A</u>	20010804	KR20007010614	20000925
<u>KR20010074459 A</u>	20010804	KR20007010615	20000925
<u>US5300443 A</u>	19940405	US19930094541	19930630
<u>US6190933 BA</u>	20010220	US19980047813	19980325
<u>US6312968 BA</u>	20011106	US19980047658	19980325
<u>US6365936 BA</u>	20020402	US20000607438	20000629
<u>US6521950 BA</u>	20030218	US20020086952	20020301
<u>US6617187 BA</u>	20030909	US20010880660	20010803
<u>US6954235 BA</u>	20051011	US20030614426	20030707
<u>US6954236 BA</u>	20051011	US20040911768	20040729
<u>US6985127 BA</u>	20060110	US19950518051	19950822
<u>US7057594 BA</u>	20060606	US20030677502	20031001

<u>US7253869 BA</u>	20070807	US20040901653	20040729	
<u>US7466369 BA</u>	20081216	US20060637576	20061212	
<u>WO06083298 A2</u>	20060810	WO2005US20835	20050613	
<u>WO06083298 A3</u>	20061228	WO2005US20835	20050613	
<u>WO9949503 A1</u>	19990930	WO1999US06414	19990324	
<u>WO9949510 A1</u>	19990930	WO1999US06402	19990324	

Probable Assignee: US NAVY

Assignee(s):^(std): BRUCE W OFFORD ; RANDY L SHIMABUKURO ; STEPHEN D RUSSELL ; OFFRD
BRUCE W ; SHIMABUKURO RANDY L ; RUSSELL STEPHEN D ; OFFORD BRUCE W ;
US NAVY ; US ARMY

Assignee(s): UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC ; THE UNITED
STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY ;
UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE
NAVY ; NXP BV ; NXP F K A FREESCALE SEMICONDUCTOR INC BV ; SECRETARY
OF NAVY US GOV AS ; SECRETARY OF NAVY AS US GOV ; SECRETARY OF NAVY
CHIEF OF NAVAL RESEARCH OFFICE O ; SECRETARY OF NAVY US ; NAVY US SEC
NAVY ; NAVY US SEC ; NAVY US SECRETARY ; THE UNITED STATES OF AMERICA
AS REPRESENTED BY THE ; GOVERNMENT OF UNITED STATES OF ;
GOVERNMENT OF UNITED STATES OF BALLSTON TOWER ONE ; MORGAN
STANLEY SENIOR FUNDING INC ; NAVY DEPARTMENT OF UNITED STATES AS
REPRESENTED BY ; NAVY DEPARTMENT OF UNITED STATES REPRESENTED BY
SE ; NAVY SECRETARY OF UNITED STATES ; NAVY US GOV SECRETARY OF NAVY
BALLSTON TOWER ONE A ; NAVY US GOV REPRESENTED BY SECRETARY OF
CHIEF OF N ; NAVY US GOV SECRETARY OF AS ; NAVY US GOV REPRESENTED BY
SECRETARY OF BALLSTON T ; NAVY US GOV SECRETARY OFFICE OF COUNSEL
CODE OOOCC ; NAVY GOVERNMENT OF US SEC ; NAVY UNITED STATES OF
AMERICA AS REPRESENTED BY ; NAVY US GOV REPRESENTED BY
SECRETARY OF AS ; NAVY US GOV SECRETARY AS ; NAVY UNITED STATES OF
AMERICA REPRESENTED BY SEC ; NAVY US GOV SECRETARY OF NAVY AS

Inventor(s):^(std): BRUCE W OFFORD ; D STEPHEN ; OFFORD BRUCE W ; RUSSELL STEPHEN D ;
SHIMABUKURO RANDY L ; WOOD MICHAEL E ; W BRUCE ; STEPHEN D RUSSELL ;
RANDY L SHIMABUKURO ; L RANDY ; CSANADI OSWALD I ; STEPHEN D ; RANDY L ;
BRUCE W

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; JONES GRAHAM HENRY;
CAMERON ANDREW J; KAGAN MICHAEL A; LIPOVSKY PETER A; PETER A;
MICHAEL A; ANDREW J; ALLAN Y; EPPELE KYLE; ANDERSON J ERIC; KYLE; J ERIC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN
CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ
GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA
MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO
RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW

International class
^(IPC 8-9): G02F1/1333 G02F1/1335 G02F1/1343 G02F1/136 G02F1/1362 G02F1/1368 G09G3/34
G09G3/36 G09G5/00 H01L21/00 H01L21/20 H01L21/336 H01L21/77 H01L21/8238
H01L21/84 H01L21/86 H01L27/12 H01L29/786 H01L29/86 (Advanced/Invention);
G02F1/1333 G02F1/136 G02F1/1368 H01L21/86 H01L27/12
H01L27/13 (Advanced/Non-invention);
G02F1/13 H01L21/70 (Core/Invention);
H01L27/13 (Core/Non-invention)

International class
^(IPC 1-7): G02F1/1343 G02F1/136 G02F1/1368 H01L21/00 H01L21/20 H01L21/265 H01L21/336
H01L21/461 H01L21/8238 H01L21/84 H01L21/86 H01L27/01 H01L27/12 H01L29/78
H01L29/786 H01L29/86 H01L31/0392

CPC: G09G3/3648 G09G3/006 G09G3/2011 G09G3/3611 G09G2300/023 G09G2320/0285
G09G2320/0693 G09G2330/08 G09G2330/10 H01L29/6678 G02F2001/13324 G09G3/36
G09G2300/0408 G09G2330/02 G09G2330/021 G09G2360/144 G02F1/1362 G02F1/1368
G02F2001/133302 G02F1/1309 G02F1/13471 G09G2320/0233 Y10S148/082
Y10S148/15 H01L21/84 G02F1/13454 H01L29/78657 H01L27/1255 H01L21/8238
H01L21/86 H04N9/3173 H01L27/1214

European class: G02F1/1345E G02F1/1347A G02F1/1362 G09G3/00E G09G3/00T G09G3/36
G09G3/36C8 H01L21/20B4 H01L21/8238 H01L21/84 H01L21/86 H01L27/12T
H01L29/66M6T6F15C2 H01L29/786E2B H04N9/31R9 H04N9/31V S02F1/1333A
S02F1/133D3 S02F1/1368 S02F1/13B4 S09G3/00E S09G3/00T S09G3/20G2
S09G3/36C S09G300/02S S09G300/04B2 S09G320/02F S09G320/02R S09G320/06T

US class:

148/DIG.150 148/DIG.82 257/350 257/59 257/72 257/E21.121 257/E21.416 257/E21.632
257/E21.703 257/E21.704 257/E27.113 257/E29.287 345/147 345/214 345/87 345/89
348/E09.027 348/E9.027 349/123 349/158 349/38 349/5 349/7 438/149 438/152 438/154
438/155 438/158 438/164 438/30

Classification Explorer

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Forward Citations:

WO9949510, WO06034051, WO0250917, US9575354, US9570420, US9534397, US9464444, US9442190, US9429807, US9417318, US9372505, US9368514, US9330806, US9329261, US9316006, US9310657, US9298056, US9292044, US9260869, US9115500, US9099355, US9088075, US9069525, US9059045, US9048146, US9013311, US9006108, US8995937, US8978334, US8962376, US8934066, US8929841, US8921914, US8873011, US8866989, US8849214, US8849194, US8843061, US8823004, US8787997, US8785312, US8767141, US8761669, US8743309, US8743002, US8736024, US8711304, US8674965, US8666335, US8660505, US8660500, US8631623, US8618937, US8615952, US8610861, US8588686, US8586988, US8577314, US8558983, US8544233, US8525173, US8521106, US8508422, US8501563, US8467177, US8461596, US8457581, US8456586, US8447250, US8432326, US8422967, US8421985, US8415668, US8320856, US8304781, US8301092, US8300201, US8295788, US8285231, US8255189, US8228725, US8228477, US8211730, US8207923, US8198630, US8188533, US8188478, US8164598, US8067794, US8053781, US7999895, US7995183, US7990508, US7973312, US7902550, US7884788, US7875886, US7847344, US7817124, US7728626, US7728334, US7714975, US7714329, US7709402, US7705354, US7693557, US7692617, US7687848, US7687325, US7656491, US7652294, US7639528, US7583534, US7583325, US7494873, US7489545, US7480017, US7476586, US7463233, US7433237, US7420209, US7388228, US7369435, US7348237, US7330550, US7323715, US7274413, US7257022, US7253869, US7221586, US7221017, US7193893, US7166509, US7154778, US7154140, US7134785, US7134785, US7133315, US7130220, US7113429, US7112494, US7102718, US7102165, US7087444, US7071037, US7057594, US6996009, US6954236, US6954235, US6936847, US6914657, US6900084, US6888739, US6888524, US6876423, US6855957, US6806499, US6804136, US6709901, US6702443, US6690056, US6667506, US6636191, US6624443, US6617187, US6599758, US6545319, US6536901, US6521950, US6387788, US6312968, US6190933, US6136656, US6057555, US5976938, US5973363, US5953582, US5930638, US5923984, US5895957, US5885874, US5883396, US5864162, US5863823, US5861336, US5663570, US5600169, US5596205, US5572040, US5492857, US5416043, US2015138710, US2013323507, US2013314452, US2013188305, US2013146965, US2013140679, US2012127127, US2012049242, US2011167365, US2011114959, US2011109829, US2011012941, US2010315570, US2010311472, US2010311380, US2010311379, US2010311376, US2010311369, US2010311368, US2010311367, US2010311364, US2010311363, US2010311356, US2010311355, US2010311338, US2010311333, US2010311332, US2010311324, US2010309824, US2010309078, US2010309077, US2010309076, US2010309075, US2010309074, US2010309073, US2010309072, US2010309069, US2010309056, US2010309040, US2010308997, US2010308970, US2010308885, US2010308767, US2010308668, US2010244122, US2010238393, US2010235157, US2010207181, US2010195013, US2010175395, US2010171895, US2010141622, US2010067304, US2010051959, US2010026945, US2009218612, US2009050888, US2009038253, US2009026464, US2008315208, US2008081443, US2008062757, US2007178643, US2007146568, US2007070008, US2007058121, US2007001171, US2006261376, US2006258097, US2006248836, US2006187182, US2006086935, US2006061519, US2006022201, US2006008966, US2006002188, US2006001080, US2005242354, US2005238081, US2005221542, US2005205870,

US2005199947, US2005105037, US2005097860, US2005082599, US2005041166, US2005030270, US2005026375, US2005023574, US2005023528, US2004221537, US2004181761, US2004130951, US2004125093, US2004115861, US2004102231, US2004085280, US2004035077, US2004004247, US2004004245, US2003235085, US2003235081, US2003235079, US2003234420, US2003209709, US2003103183, US2002171085, TWI546590, TWI501936, TWI496759, KR101415122, KR101415121, KR100771905, EP1923860, EP1227468, EP1120818, EP1120818, EP1120818, EP1074047, EP1068636, EP1037272, EP1037272, CN103757707, CN103757707, CN102214555, AU752775,

Abstract:

Source: US5300443A A method for fabricating complementary enhancement and depletion mode field effect transistors on a single substrate comprises the steps of: a) patterning a structure of a layer of silicon formed on an insulating substrate to form first, second, third, and fourth silicon islands; b) doping the second island with a p-type dopant; c) doping the third island with a p-type dopant; d) doping the fourth island with an n-type dopant; e) forming a first electrically insulating gate layer on the third and fourth islands; f) forming a second electrically insulating gate on the first and second islands; g) forming an electrically conductive gate over the first and second electrically insulating gate layers; h) doping the second island with an n-type dopant; i) doping the fourth island with an n-type dopant; j) doping the first and third islands with a p-type dopant; and k) doping the first and third islands with a p-type dopant to transform the first island into a p-type enhancement mode field effect transistor, the second island into a n-type enhancement mode field effect transistor, the third island into a p-type depletion mode field effect transistor, and the fourth island into an n-type depletion mode field effect transistor.

PatBase - W09949510_A1

WO 99/49510

PCT/US98/0400

1/7

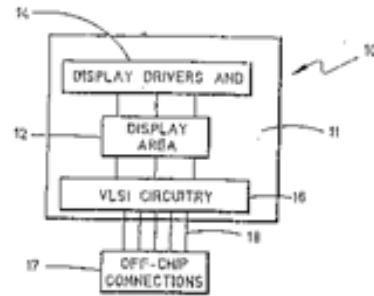


FIGURE 1

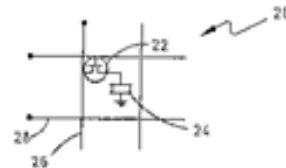


FIGURE 2

0) DE9418875U1 – MOTORBETRIEBENE, KLAPPENFOERMIGE VORRICHTUNG ZU...

7) Family number: 16911019 (DE9418875U1)

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Title: MOTORBETRIEBENE, KLAPPENFOERMIGE VORRICHTUNG ZUM VERSCHLIESSEN VON OEFFNUNGEN, INSBESONDERE VON FENSTERN ODER TUEREN VON AUSSEN
MOTORIZED, KLAPPENFOERMIGE DEVICE FOR CLOSING OF OPENINGS IN PARTICULAR OF WINDOWS OR DOORS FROM OUTSIDE (Machine translation)

Priority: DE19940018875U 19941124

Family:	Publication number	Publication date	Application number	Application date
	<u>DE9418875 U1</u>	19950126	DE19940018875U	19941124

Probable Assignee: HOFSTETTER HERMANN

Assignee(s):^(std): HOFSTETTER HERMANN

Assignee(s): HOFSTETTER HERMANN 83093 BAD ENDORF DE

International class
(IPC 8-9): E05B47/02 E05F15/12 E05F15/20 E06B9/04 (Advanced/Invention);
E05C17/56 (Advanced/Non-invention);
E05B47/02 E05F15/12 E05F15/20 E06B9/02 (Core/Invention);
E05C17/00 (Core/Non-invention)

International class
(IPC 1-7): E05D15/02 E05D5/00 E06B9/04 E06B9/56 E06B9/68

CPC: E05B47/026 E05B47/0002 E05B47/0004 E05C17/56 E05F15/614 E05F15/70 E05F15/71 E05F15/77 E05F15/79 E05Y2400/614 E05Y2900/146 E06B9/04

European class: E05B47/00A1 E05B47/02 E05B47/02R E05F15/12B E05F15/20 E06B9/04 P05B47/00A1B1 P05C17/56 P05F15/20B P05F15/20E P05F15/20F P05Y400/614 P05Y900/146

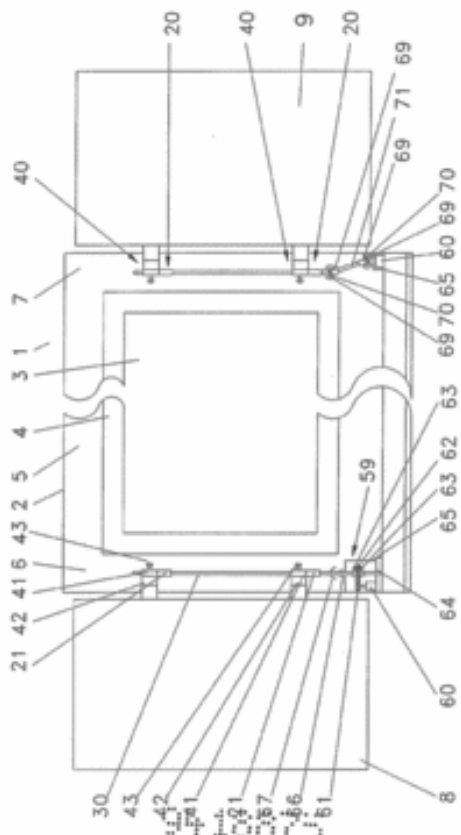
[Classification Explorer](#)

Forward Citations: WO9821434, WO08093189, EP3098370, EP3070252, EP1808564, EP1808564, EP0938619, DE102013204796,

Source: DE9418875U1 (Claim 1) 1.
Vorrichtung zum Verschliessen einer offnung,
insbesondere eines Fensters oder einer Tuere
von aussen mit mindestens einem
klappenfoermigen Laden (8,9) und mindestens
einem ladenseitigen und mindestens einem
oeffnungsseitigen Ladenbeschlag (40, 20) zur
seitlich schwenkbaren Befestigung des Ladens
(8,9), dadurch gekennzeichnet, dass jeder
Laden (8,9) mindestens einen ladenseitigen
Beschlag (40) umfasst, der mit einer
Antriebswelle (30) in kraftschliessiger
Verbindung steht, wobei die Antriebswelle (30)
von einer Antriebsseinheit (59) rotativ
angetrieben wird.

24.194
1/11

Abbildung 1



0) WO9533624A1 – FOLDER WITH BUILT-IN LAMP CHEMISE DOTEE D'UNE ...

8) Family number: 20178562 (WO9533624A1)

© PatBase

Title: FOLDER WITH BUILT-IN LAMP

Priority: NZ19940260671 19940603 WO1995NZ00047 19950601

Family:	Publication number	Publication date	Application number	Application date
	AU199525402 A1	19960104	AU19950025402	19950601
	WO9533624 A1	19951214	WO1995NZ00047	19950601

Probable Assignee: JACKSON JOHN RONALD

Assignee(s):^(std): JACKSON JOHN RONALD ; JOHN RONALD JACKSON ; KINCAID PAUL DAVID ; PAUL DAVID KINCAID

Inventor(s):^(std): JACKSON JOHN RONALD ; KINCAID PAUL DAVID

Inventor(s): PAUL DAVID KINCAID ; JOHN RONALD JACKSON

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ VN

International class
(IPC 8-9): [A47B23/06 B42D3/12 F21V33/00](#) (Advanced/Invention);
[A47B23/00 B42D3/00 F21V33/00](#) (Core/Invention)

International class
(IPC 1-7): [A47B23/06 B42D9/00 F21V33/00](#)

CPC: [A47B23/06 B42D3/123 F21V33/0048](#)

European class: [A47B23/06 B42D3/12B F21V33/00A8](#)

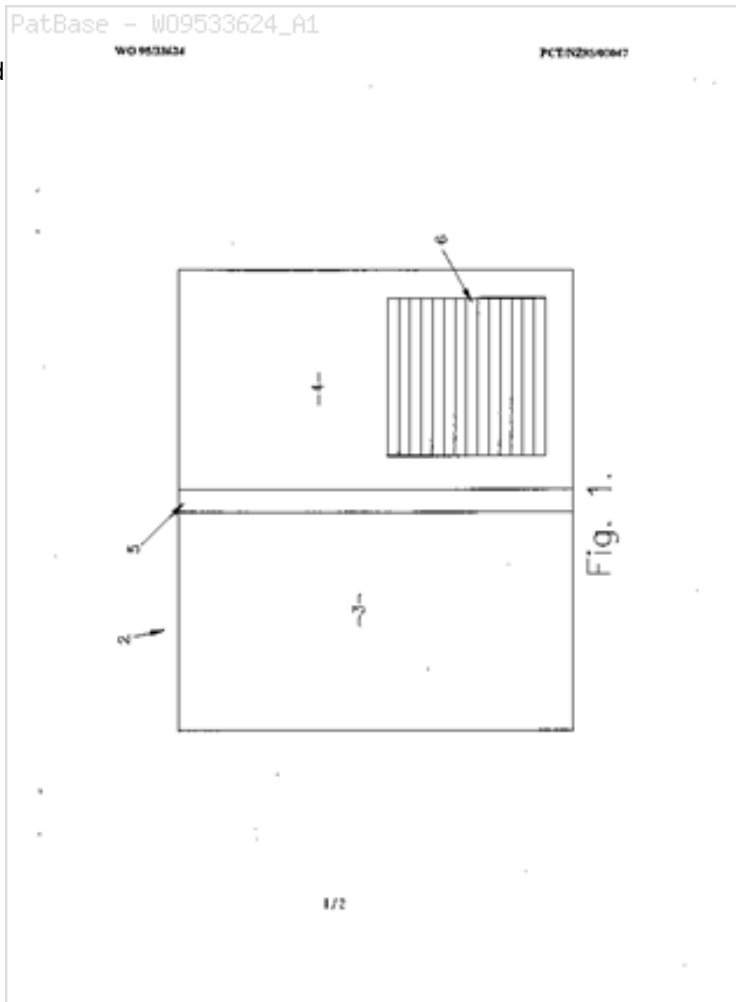
[Classification Explorer](#)

Cited documents: US4680681 A, US3885145 A, US3823312 A, US2617917 A, NL8800470 A, GB920620 A, GB880271 A, GB2232076 A1, FR2424004 A1,

Forward Citations: USD728839, USD723204, USD716485, USD708382, US8733961, GB2448135, FR2837911, CN102511994,

Abstract:

A folder provides a supporting surface for a book or other material to be read and a second surface which carries a lighting means and which is at an angle to the first surface, so that when the lighting means is switched on, material carried on the first surface is illuminated; the lighting means is supplied with electric power from a solar cell via a storage battery or from a battery or from a mains connection.



9) Family number: 20683018 (US5735492A)

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Title: Railroad crossing traffic warning system apparatus and method therefore

Priority: US19910650303 19910204 US19960009837P 19960112 US19960009926P 19960116
 US19960601902 19960215 US19960009857P 19960112 US19960710147 19960916
 US20020099143 20020315 US20010027920 20011220 US20000578940 20000525
 US19990448953 19991124 US19990344477 19990625 US20000614501 20000711
 US19980084863 19980526 US19980056201 19980406 WO1997US00153 19970113
 US20030685347 20031014

Family:	Publication number	Publication date	Application number	Application date
	<u>AU199718237 A1</u>	19970801	AU19970018237	19970113
	<u>AU730512 B2</u>	20010308	AU19970018237	19970113
	<u>BRPI9706950 A</u>	19990803	BR1997PI06950	19970113
	<u>CA2211547 AA</u>	19970725	CA19972211547	19970113
	<u>CA2211547 C</u>	20010320	CA19972211547	19970113
	<u>EP0939718 A1</u>	19990908	EP19970903745	19970113
	<u>EP0939718 A4</u>	20030716	EP19970903745	19970113
	<u>US5735492 A</u>	19980407	US19960710147	19960916
	<u>US5954299 A</u>	19990921	US19980056201	19980406
	<u>US6113037 A</u>	20000905	US19980084863	19980526
	<u>US6471162 BA</u>	20021029	US20000614501	20000711
	<u>US7075427 BA</u>	20060711	US20030685347	20031014
	<u>WO9725235 A1</u>	19970717	WO1997US00153	19970113

Probable Assignee: EVA SIGNAL CORP

Assignee(s):^(std) EVA SIGNAL CORP ; JOSEPH A PACE ; PACE JOSEPH A

Inventor(s):^(std) EVA SIGNAL CORP ; EVA SIGNAL CORPORATION ; JOSEPH A PACE ; PACE JOSEPH A ; PACE JOSEPH R ; PAGE JOSEPH A

Inventor(s): JOSEPH A PAGE

Agent(s): PHILLIPS ORMONDE FITZPATRICK; BENNETT JONES LLP; SUITER WEST SWANTZ PC LLO

Designated states: AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GR HU IE IL IS IT JP KE KG KP KR KZ LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG US UZ VN

International class
 (IPC 8-9): B61L23/06 B61L29/24 B61L29/28 B61L29/30 B61L29/32 B61L9/04
G08B1/08 (Advanced/Invention);
B61L23/00 B61L29/00 G08B1/00 (Core/Invention)

International class
 (IPC 1-7): B61L23/06 B61L25/00 B61L29/00 B61L29/28 B61L29/30 B61L29/32

CPC: B61L23/06 B61L29/24 B61L29/282 B61L29/32 B61L9/04 B61L2207/02 B61L29/28
B61L29/30 G08G1/042 G08G1/096716 G08G1/096758 G08G1/096783 G08G1/164

European class: B61L23/06 B61L29/24 B61L29/28 B61L29/28A B61L29/30 B61L29/32 B61L9/04
G08G1/042 G08G1/16B L61L207/02 S08G1/0967A1 S08G1/0967B3 S08G1/0967C2

US class: 246/124 246/125 246/126 246/167A 246/292 246/293 246/294 246/297 246/473.1 246/477
246/488 340/539.1 340/539.22 340/901 340/903 340/933 340/941 340/988

[Classification Explorer](#)

Cited documents: WO9204699 A1, US6157322 A, US5924651 A, US5757288 A, US5735492 A, US5735491 A, US5727758 A, US5682150 A, US5678789 A, US5628479 A, US5554982 A, US5420883 A, US5263670 A, US5252893 A, US5092544 A, US4954216 A, US4942395 A, US4895325 A, US4754272 A, US4613103 A, US4581700 A, US4449115 A, US4365777 A, US4307860 A, US4283031 A, US4122523 A, US4120471 A, US4108405

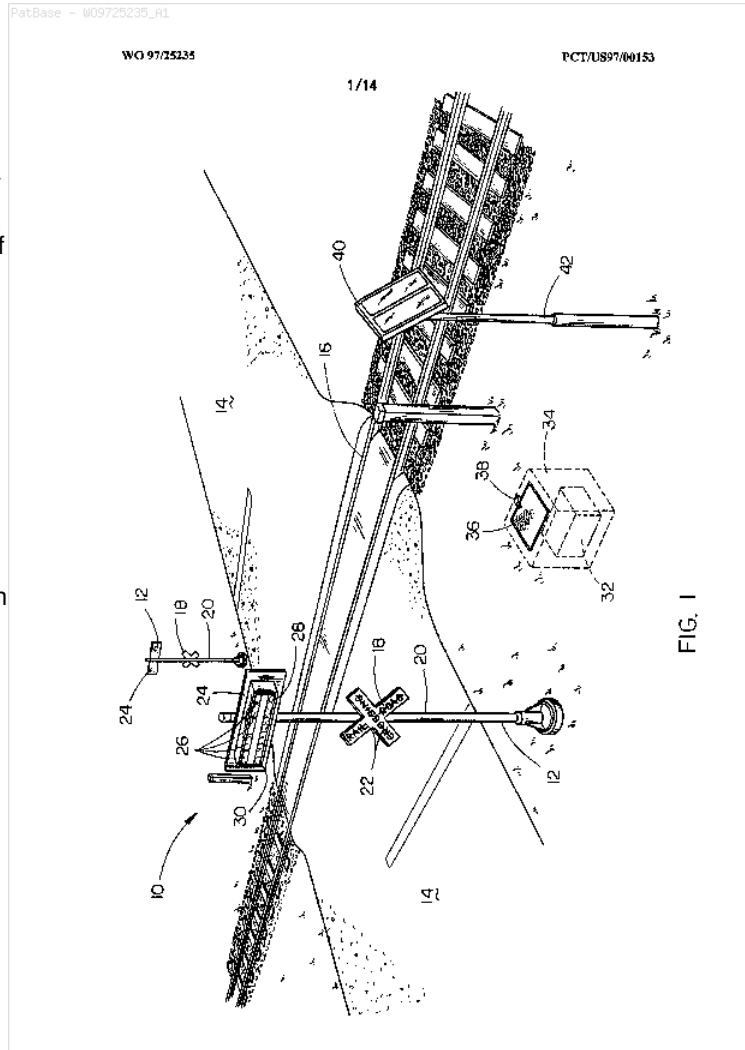
A, US3987989 A, US3963202 A, US3927852 A, US3838271 A, US3781543 A, US3781541 A, US3758775 A, US3569730 A, US3558874 A, US3267281 A, US3178683 A, US3144225 A, US3035167 A, US2592163 A, US2221290 A, US2203988 A, US1915696 A, US1868489 A, US1812183 A, US1809374 A, US1797302 A, US1700933 A, JP5319266 A2, JP4221271 A2, JP4039159 A2, JP3159869 A2, JP2060881 A2, JP1257668, JP11257668 A2, FR2233667 A1, EP0002609 A1, DE4219067 A1, DE4005354 A1, DE2405408 A1, CH105392 A,

Forward Citations:

WO16054492, WO15089581, WO14059487, WO13170307, WO12045910, WO11126956, WO11083149, WO09016024, WO08080169, WO07143680, WO07143680, WO06027404, WO0076829, WO0008618, WO0008618, WO0008618, US9613532, US9586603, US9534928, US9517782, US9499185, US9481385, US9457821, US9403545, US9278702, US9248849, US9205852, US9106070, US9102342, US9092982, US9080723, US9067609, US9026283, US9009002, US8989926, US8918270, US8888052, US8876057, US8786428, US8723691, US8672273, US8660215, US8633814, US8630757, US8620497, US8590844, US8550409, US8529107, US8517316, US8509953, US8500071, US8469320, US8469319, US8362896, US8344877, US8297558, US8157219, US8117512, US8109474, US8081087, US8066230, US8028961, US7994735, US7969312, US7889931, US7832691, US7789348, US7715276, US7624952, US7575201, US7553044, US7429935, US7416159, US7388515, US7388483, US7369503, US7315770, US7298922, US7196636, US7021787, US6688561, US6572056, US6416021, US6386486, US6283613, US6267332, US6243027, US6241197, US6232887, US6195021, US6195020, US6179252, US6113037, US6031468, US5954299, US5939987, US2016381758, US2015358773, US2015287322, US2015260502, US2015192636, US2015191185, US2015175179, US2015108284, US2015054662, US2015045998, US2014254052, US2014236469, US2014209752, US2014191869, US2014133136, US2014034785, US2013341468, US2013307978, US2013106593, US2012105252, US2012026320, US2011320112, US2011285842, US2011285548, US2011284698, US2011278401, US2011254703, US2011228882, US2011226909, US2011209021, US2011133038, US2011127389, US2011118913, US2011095888, US2011095139, US2011060938, US2011006912, US2011004446, US2010207788, US2010012769, US2009281674, US2009281673, US2009237233, US2009194642, US2009193676, US2009184214, US2009173840, US2009102662, US2009034258, US2008296442, US2008291034, US2008272247, US2008183306, US2008169385, US2008068159, US2008033605, US2007274158, US2007274070, US2007272826, US2007146152, US2007085703, US2007085067, US2007040068, US2006232441, US2006180712, US2006120067, US2006114531, US2006047414, US2005226158, US2005184883, US2005178928, US2005145753, US2004182970, NL1036793, GB2518549, GB2410112, GB2410112, FR3040675, FR2952456, ES2258387, EP3141450, EP3050774, EP2946982, EP2311709, EP2236386, EP1897780, EP1775192, EP1187750, EP1089905, DE102007041174, CN104691577, CN104635672, CN103895671, CN103770811, CN103481919, CN102487220, AU767914,

Abstract:

Source: US5735492A A railroad crossing traffic warning system for alerting a motorist approaching a railroad crossing to the presence of an oncoming train. The system comprises a series of magnetometer sensor probes buried in the right-of way adjacent to a railroad track at predetermined distances from the railroad crossing. These sensors provide a signal to a controller unit when the presence of a train is sensed. The controller unit first determines the speed at which the oncoming train is traveling and the time it will take for the train to reach the crossing and then activates an improved warning apparatus at a predetermined amount of time before the train reaches the crossing. The improved warning apparatus comprises an X-shaped railroad crossing warning sign or "crossbuck" having a plurality of light emitting diodes ("LED") or the like mounted on the across the center thereof, a plurality of strobe lights, and a train direction indicator comprising a plurality of lamps which are lighted sequentially to indicate the direction in which the oncoming train is traveling. The system may be powered by a rechargeable battery which may be recharged by a solar panel array allowing the system to be utilized at crossings located in rural areas where a source of AC electrical power is not readily available



10) Family number: 29380085 (US2003055311A)

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Title: BIOCOMPATIBLE TRANSDUCERS**Priority:** US19960011691P 19960215 US19960011882P 19960220 US19970801056 19970214
WO1997US02323 19970214 US20020274391 20021018 US19990465908 19991217

Family:	Publication number	Publication date	Application number	Application date
	<u>AU199722726 A1</u>	19970902	AU19970022726	19970214
	<u>AU710983 B2</u>	19991007	AU19970022726	19970214
	<u>CA2246281 AA</u>	19980813	CA19972246281	19970214
	<u>CA2246281 C</u>	20060425	CA19972246281	19970214
	<u>CN1216208 A</u>	19990505	CN19971093824	19970214
	<u>DE69738884 D1</u>	20080918	DE19976038884	19970214
	<u>EP0880870 A1</u>	19981202	EP19970906915	19970214
	<u>EP0880870 A4</u>	20060802	EP19970906915	19970214
	<u>EP0880870 B1</u>	20080806	EP19970906915	19970214
	<u>JP2000504913 T2</u>	20000418	JP19970529503T	19970214
	<u>KR19990082641 A</u>	19991125	KR19980706381	19980817
	<u>US2003055311 AA</u>	20030320	US20020274391	20021018
	<u>US6068589 A</u>	20000530	US19970801056	19970214
	<u>WO9730565 A1</u>	19970821	WO1997US02323	19970214

Probable Assignee: OTOKINETICS INC**Assignee(s):**^(std) ARMAND P NEUKERMANS ; NEUKERMANS ARMAND P**Assignee(s):** OTOKINETICS INC ; PLUNKETT JIM BOB ; REHSE DON K ; TRAUTMANN RICHARD S ; BUECHNER HAFFER MEYERS AND KOENIG CO LPA PROFIT SHARING PLAN FBO ROBERT W BUECHNER ; DETZEL JOE ; DILLHOFF WILLIAM J ; LESINSKI GEORGE ; LESINSKI S GEORGE ; LOWER WILLIAM E**Inventor(s):**^(std) ARMAND P NEUKERMANS ; LESINSKI S GEORGE ; NEUKERMANS ARMAND P**Agent(s):** SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP; HOFFMANN EITLE**Designated states:** AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG UZ VN**International class**
^{(IPC 8-9):} G02C11/06 H04R17/00 H04R25/00 H04R25/02 (Advanced/Invention);
H04R17/00 H04R25/00 (Advanced/Non-invention);
G02C11/00 H04R25/00 H04R25/02 (Core/Invention)**International class**
^{(IPC 1-7):} G02C11/06 H04R25/00 H04R25/02**CPC:** H04R17/00 H04R25/405 H04R25/505 H04R25/606 H04R2225/67**European class:** H04R17/00 H04R25/40D H04R25/60D1 T04R225/67 T04R25/50D T04R25/60D1**US class:** 600/25 600/25P[Classification Explorer](#)**Cited documents:** WO9711575 A1, WO9417645 A1, WO9007915 A1, WO9000040 A1, US9615087, US6101258 A, US5772575 A, US5737430 A, US5722989 A, US5531787 A, US5483599 A, US5350966 A, US5344387 A, US5306299 A, US5282858 A, US5271397 A, US5239588 A, US5180391 A, US5176620 A, US5095904 A, US5085628 A, US5070535 A, US5061282 A, US5033999 A, US5015225 A, US5015224 A, US4988333 A, US4957478 A, US4956867 A, US4943750 A, US4908509 A, US4850962 A, US4817609 A, US4817607 A, US4773095 A, US4751738 A, US4729366 A, US4712244 A, US4617913 A, US4498461 A, US4352960 A, US3712962 A, US3227836 A, US3209081 A, US3125646 A, US2901551 A, EP0563767 A1, EP0259906 A1, EP0076069 A1,

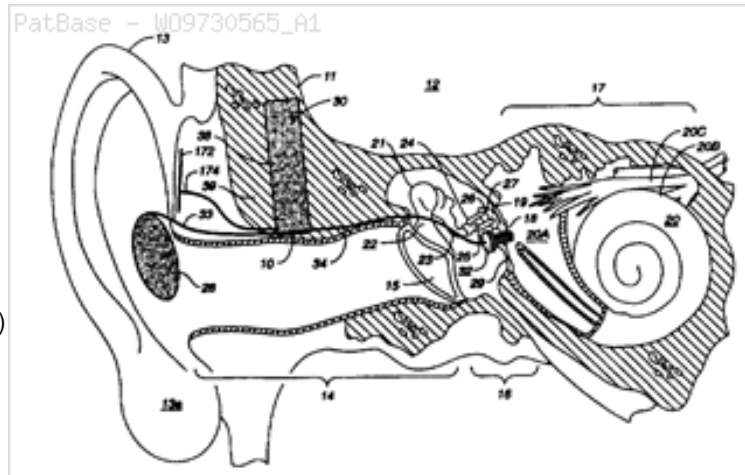
Forward Citations:

WO16145169, WO13170105, WO13170105, WO13094906, WO13016589, WO12131647, WO12131647, WO12123899, WO12123899, WO12073208, WO12031170, WO10133702, WO10077781, WO10043001, WO09049320, WO09023738, WO09023738, WO08147821, WO08143575, WO08089496, WO08089496, WO08077943, WO08077943, WO06088410, WO05084075, WO02089525, WO02089525, US9635472, US9635466, US9597487, US9591409, US9584931, US9544700, US9544675, US9439582, US9415010, US9392377, US9320455, US9277335, US9271897, US9270025, US9269342, US9268909, US9264798, US9226840, US9226083, US9211207, US9192501, US9167362, US9161707, US9154891, US9149423, US9131323, US9119918, US9119554, US9107806, US9107013, US9071914, US9066797, US9060234, US9055379, US9049528, US8986187, US8961393, US8905915, US8900118, US8876689, US8845705, US8834347, US8834346, US8828002, US8825161, US8824715, US8790237, US8787609, US8771166, US8764624, US8761423, US8758221, US8744580, US8744556, US8715154, US8715153, US8715152, US8698373, US8696541, US8682016, US8678993, US8677650, US8647328, US8548592, US8517915, US8506473, US8454668, US8401214, US8401212, US8396239, US8363870, US8340778, US8331582, US8323180, US8317677, US8308630, US8301260, US8295523, US8292800, US8277441, US8189804, US8147544, US8078272, US8019431, US8003157, US7951063, US7949396, US7948148, US7945064, US7912548, US7867160, US7668325, US7666151, US7634318, US7618450, US7616771, US7615012, US7613309, US7580750, US7577266, US7570998, US7522962, US7512448, US7488284, US7467009, US7215993, US7206423, US7076072, US7043037, US6987856, US6984207, US6978159, US6968743, US6917830, US6892092, US6714654, US6629923, US6575894, US6554762, US6554761, US6381336, US6099462, US2014316190, US2013315410, US2013223028, US2012165597, US2011208229, US2011201875, US2011201874, US2011190669, US2011077453, US2010324358, US2010324355, US2010317913, US2010305397, US2010209873, US2010202645, US2010185049, US2010152527, US2010087843, US2010049269, US2010048982, US2010046775, US2010042184, US2010004718, US2009312820, US2009312785, US2009161895, US2009097681, US2009093731, US2009092271, US2009074220, US2009030529, US2008319250, US2008312720, US2008307668, US2008228231, US2008021510, US2008021509, US2008021289, US2007135722, US2007127753, US2007049977, US2007030982, US2007014419, US2006251278, US2006189841, US2006188115, US2006161255, US2006149329, US2006115103, US2006063982, US2005218052, US2005192504, US2005157895, US2004202339, US2004106957, US2004030256, US2003138116, US2003083713, US2002115920, KR101568451, KR100932204, KR100931209, KR100742979, JP2011523566, JP2010538758, JP2009543669, GB2385738, FR2865882, EP2968923, EP2161949, EP0936840, DE10046938, CN102274098, CN102124757, AU776528,

Abstract:

Source: US2003055311A An improved fully implantable hearing aid (10) in a first aspect includes at least two microphones (28) to provide improved noise cancellation, and, with an array (132) of microphones (28), improved directivity. In a second aspect, the hearing aid (10) includes an improved microactuator (32') in which deflections of a pair of piezoelectric plates (68) are coupled by liquid (52') to a flexible diaphragm (44') for stimulating fluid (20a) within an inner ear (17) of a subject (12). In a third aspect, the improved hearing aid (10) includes a directional booster (200) that the subject (12), having an implanted hearing aid (10), may wear on their head (122) for increasing directivity of perceived sound. A fourth aspect of the present invention is an improved implantable microactuator (32", 32''')

that generates a mechanical displacement of a diaphragm (82) or a face (96) in response to an applied electrical signal. A liquid coupling between the piezoelectric transducer (54", 54''') and the diaphragm (82) or face (96) provides a mechanical impedance match for the transducer (54", 54''').



11) Family number: 12552181 (DE19646263A1)

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Title: Humidifier with evaporation surface and liquid film producer

Priority: DE19961046263 19961110

Family:	Publication number	Publication date	Application number	Application date
	DE19646263 A1	19980514	DE19961046263	19961110
	DE19646263 C2	20010419	DE19961046263	19961110

Probable Assignee: LIMMER ANTON

Assignee(s):^(std): LIMMER ANTON

Assignee(s): LIMMER ANTON 83098 BRANNENBURG DE

Inventor(s):^(std): LIMMER ANTON

Inventor(s): LIMMER ANTON 83098 BRANNENBURG DE

International class
(IPC 8-9): [F24F6/10](#) (Advanced/Invention)

International class
(IPC 1-7): [F24F11/00 F24F5/00 F24F6/04 F24F6/10](#)

CPC: [F24F6/10 F24F2003/1667 F24F2005/0064](#)

European class: [F24F6/10 R24F3/16D1 R24F5/00F9](#)

[Classification Explorer](#)

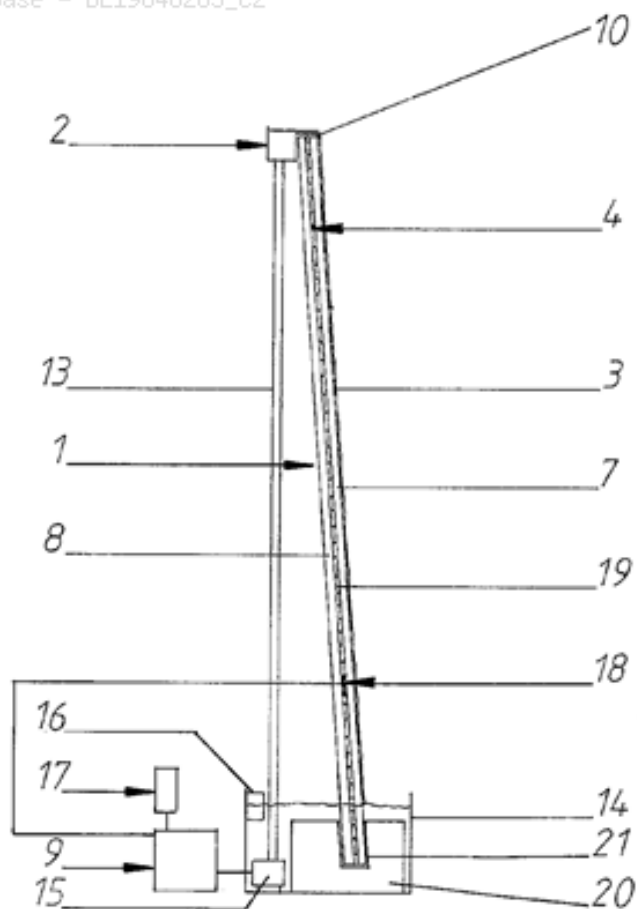
Cited documents: WO9319331 A1, US4217315 A, DE9110780 U, DE7300379 U, AT373377 B, AT339547 B,

Forward Citations: WO11072669, WO0022352, EP2354689, DE202009018743, DE202009014851, DE19847463, DE10239733, DE10239733, DE10211471, DE10211471, DE102010007345, DE102009044902, DE10019650, DE10019650,

Abstract:

Source: DE19646263A1 The humidifier has evaporation surface (1) and film producer (2), the prodn. of a liquid film (3) on the front evaporation side (7) and the rear side (8) lying opposite the evaporation side of the evaporation surface. A unit (4) is included for heating the liquid film and evaporation surface (1) or the front evaporation side and the rear side of the evaporation surface. The system (4) for heating, uses a hot air fan, or a microwave heater and IR emitter and a body radiating heat or a convector, in addition focussed or non-focussed sunlight, electric wire resistance heater or an essentially plate or tubular conducting system. The system (6) carries out one by one evaporation surface, heating of a solar engineered, photovoltaic, geothermic or across an electrical or a fired heating system in conjunction with a gaseous or liquid fuel heating medium. A pump (15) is provided along with a probe (17) for measuring the humidity of the ambient air or thermometer probe (18).

PatBase - DE19646263_C2



12) Family number: 30377716 (US2001011294A)

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Title: COMMERCIAL DISTRIBUTED PROCESSING BY PERSONAL COMPUTERS OVER THE INTERNET

Priority: EP19970950731 19971128 US19960031855P 19961129 US19960032207P 19961102
 US19970080058 19971126 US19960032207P 19961202 US19960033871P 19961220
 US19970066313P 19971121 US19970066415P 19971124 US19970068366P 19971219
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 US20150661521 20150318

Family:

Publication number	Publication date	Application number	Application date
AT225056 E	20021015	AT19970950731T	19971128
AT239249 E	20030515	AT19980964803T	19981217
AU199853658 A1	19980703	AU19980053658	19971128
AU199920046 A1	19990712	AU19990020046	19981217
AU199941944 A1	19991213	AU19990041944	19990521
AU200052716 A5	20001205	AU20000052716	20000517
AU2001293215 AA	20020304	AU20010293215	20010823
AU200193215 A5	20020304	AU20010093215	20010823
AU2002336531 AA	20030401	AU20020336531	20020916
AU742835 B2	20020110	AU19980053658	19971128
CA2272332 AA	19990519	CA19972272332	19971128
CA2312904 AA	20000530	CA19982312904	19981217
CA2330952 AA	20001031	CA19992330952	19990521
CN1251667 A	20000426	CN19971080914	19971128
CN1282427 A	20010131	CN19988012442	19981217
CN1302403 A	20010704	CN1998006522	19990521
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DE69814156 D1	20030605	DE19986014156	19981217
EP0944871 A2	19990929	EP19970950731	19971128
EP0944871 A4	20000202	EP19970950731	19971128
EP0944871 B1	20020925	EP19970950731	19971128
EP1040418 A1	20001004	EP19980964803	19981217
EP1040418 A4	20010314	EP19980964803	19981217
EP1040418 B1	20030502	EP19980964803	19981217
EP1078320 A2	20010228	EP19990925711	19990521
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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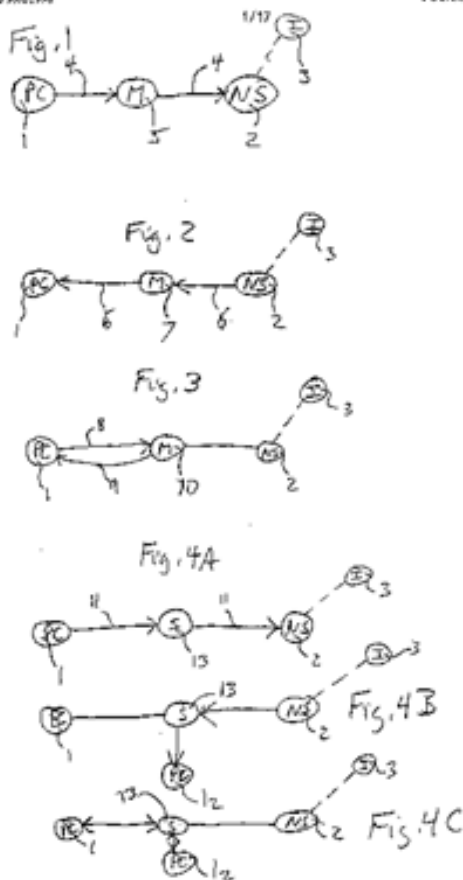
Abstract:

Source: US2001011294A This invention generally relates to one or more computer networks having computers like personal computers or network servers with microprocessors linked by broadband transmission means and having hardware, software, firmware, and other means such that at least one parallel processing operation occurs that involve at least two computers in the network. More particularly, this invention relates to one or more large networks composed of smaller networks and large numbers of computers connected, like the Internet, wherein more than one separate parallel processing operation involving more than one different set of computers occurs simultaneously and wherein ongoing processing linkages can be established between virtually any microprocessors of separate computers connected to the network. Still more particularly, this invention relates to business arrangements enabling the shared used of network microprocessors for parallel and other processing, wherein personal computer owners provide microprocessor processing power to a network, preferably for parallel processing, in exchange for network linkage to other personal and other computers supplied by network providers, including linkage to other microprocessors for parallel or other processing; the basis of the exchange between owners and providers being whatever terms to which the parties agree, subject to governing laws, regulations, or rules, including payment from either party to the other based on periodic measurement of net use or provision of processing power.

PatBase - W09961998_A2

W0 99/01998

PCT/US99/01236



13) Family number: 29581330 (US6592245B)

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Title: METHOD FOR OPTICALLY MARKING AN ELONGATED INDICATION PATH AND DEVICES USING SAME**Priority:** IL19970120175 19970207 WO1998IL00057 19980205

Family:	Publication number	Publication date	Application number	Application date
	<u>AT204369 E</u>	20010915	AT19980902157T	19980205
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Probable Assignee: ATLANTIUM LASERS LTD**Assignee(s):^(std):** ENDE MICHAEL ; TRIBELSKY ZAMIR ; ZAMIR TRIBELSKY**Assignee(s):** ATLANTIUM LASERS LTD**Inventor(s):^(std):** ENDE MICHAEL ; TRIBELSKY ZAMIR**Inventor(s):** ZAMIR TRIBELSKY ; MICHAEL ENDE**Agent(s):** REINHOLD COHN AND PARTNERS**Designated states:** AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class
(IPC 8-9): B64F1/18 E01F9/00 E01F9/03 F21S10/06 F21S2/00 F21V8/00 G02B6/00 H04B10/00 H04B10/22 (Advanced/Invention);
F21S2/00 F21Y101/00 G02B6/00 H04B10/00 H04B10/22 (Advanced/Non-invention);
B64F1/00 E01F9/00 E01F9/011 F21S10/00 F21S2/00 F21V8/00 G02B6/00 H04B10/00 H04B10/22 (Core/Invention)

International class
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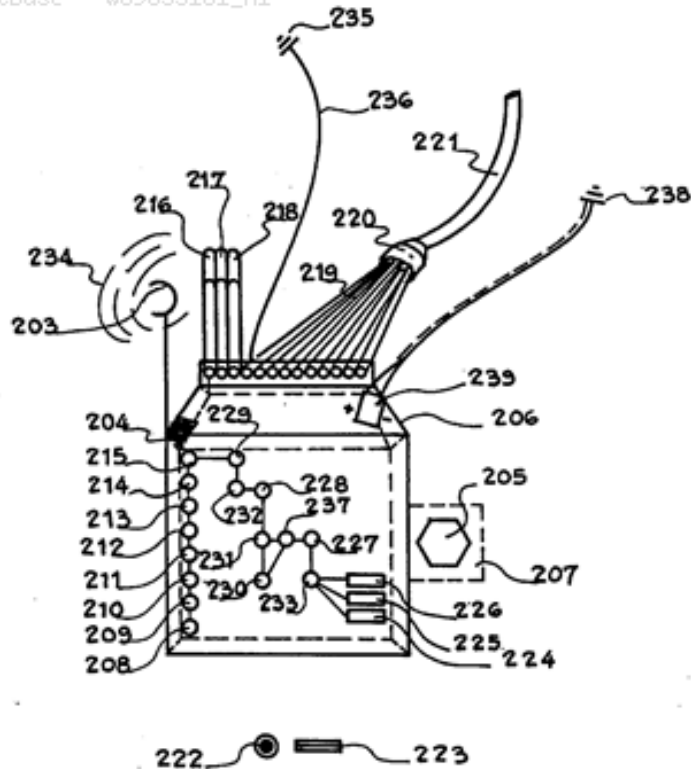
CPC: Y10S385/901 B64F1/007 B64F1/18 F21V3/023 G02B6/001 F21W2131/10 B64B1/50 E01F9/20 E01F9/669**European class:** B64F1/00D B64F1/18 E01F9/00B E01F9/03 G02B6/00L4L R21V3/02F**US class:** 362/259 362/551 362/552 362/559 362/583 385/901 385/93[Classification Explorer](#)**Cited documents:** WO9209909 A1, US5539624 A, US5333228 A, US4740870 A, US4606280 A, US4422719 A, US4387955 A, US4251286 A, US3981706 A, FR2711249 A1, FR2573512 A1, DE4326525 A1,**Forward Citations:** WO16023049, WO06050347, WO0017573, USD596090, US9597970, US9597967, US9199153, US9193482, US9191106, US9183222, US9070408, US9007236, US8805141, US8630727, US8475083, US8472773, US8402345, US8194061, US8026631, US7932626, US7888814, US7888813, US7888812, US7880325, US7859431, US7751916, US7688222, US7401949, US7385128, US7329857, US7258472, US7134773, US7114827, US7035936, US6836083, US2016155369, US2016074735, US2015213054, US2015145479, US2015022379, US2013342372, US2013021162, US2011273562, US2011240018, US2010296673, US2010219683,

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Abstract:

Source: US6592245B The present invention relates to a method for optically marking an elongated indication path. This method is comprised of supporting an optic sieve (1) along an exposed indication path, and aligning an end (4) of the optic sieve (1) (or networks of sections of optic sieves) with a light source (2) (or light socket harnessing the collective outputs of a plurality of light sources). The optic sieve (1) in the context of the present invention is characterised by having at least one side emitting optic fiber within a flexible semi opaque holographically grooved sleeve. The present invention also relates to devices having optically marked elongated indication paths according to the method of the present invention.

PatBase - W09835181_A1



0) US2001000577A – ANTI-GLOBAL WARMING DEVICE

14) Family number: 30276260 (US2001000577A)

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Title: ANTI-GLOBAL WARMING DEVICE

Priority: US19970046027P 19970509 US19970932577 19970919 US19970933663 19970919
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Inventor(s):^(std): RONALD J PARISE ; PARISE RONALD J

Inventor(s): PARISE RONALD

Agent(s): MCCARTER AND ENGLISH LLP, CITYPLACE I; MCCARTER AND ENGLISH LLP
 CITYPLACE I; ALIX YALE AND RISTAS LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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B01F13/00 (Advanced/Non-invention);
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F24J (Subclass/Invention)

International class
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CPC: B60L1/08 B60L2240/545 B60L2240/662 Y02T90/34 Y02T90/162 Y02T90/163 B60L11/1837 B60L11/1838 B60L2240/62 Y02T90/16 H01L35/32 B60L11/002 B60L11/1801 B60L2270/32 B29C47/0019 B29C47/003 B29C2947/92571 B29C2947/92904 B60H1/00271 B60L3/0046 B60L3/0053 B60L11/1809 B60L11/1874 B60L11/1875 B60L11/1879 H01M10/486 Y02T10/705 F28D15/0275 B60L11/185 F28D15/0233 Y02T90/128 Y02T10/7005 Y02T90/14 B60L11/182 B60L8/00 Y02T10/7083 Y02T90/168 Y04S30/12 H02J17/00 B01F5/0614 B01F13/002 B01F2215/0039 B29C47/0009 B29C47/24 B29C2947/92104 B29C2947/926 B29C2947/92704 F01N3/2006 F01N3/2013 F01N3/2046 H01M8/04007 H01M10/443 H02J7/025 Y02T10/26 H02S10/10 H02S40/44 H01L35/30 G01J5/12 G01J5/28 H01L31/052 H01L35/00 Y02E10/60 Y02T10/7291 Y02T90/121 Y02T90/122 H01M10/613 H01M10/615 H01M10/625 H01M10/63 H01M10/647 H01M10/654 H01M10/6551 H01M10/6555 H01M10/6572 H01M10/633 H01M10/6552 B29C47/92 Y02P70/56 Y02T10/7072 Y02E10/50 H01L31/0521

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AU2006216920,

Source: US2001000577A A method and device for transmitting thermal energy from the surface of the earth into deep space to assist in the alleviation of global warming. The method comprises arranging a thermal energy transmitting material over a terrestrial object, and, positioning said thermal energy transmitting material so that a transmitting surface thereof faces deep space, said material having spectral surface properties of high emissivity in a spectral band substantially transparent to the atmosphere of the earth. The device comprises a thermal energy transmitting material designed to cover a terrestrial object and positioned with a transmitting surface thereof facing deep space, said transmitting material having spectral surface properties of high emissivity in a spectral band substantially transparent to the atmosphere of the earth.

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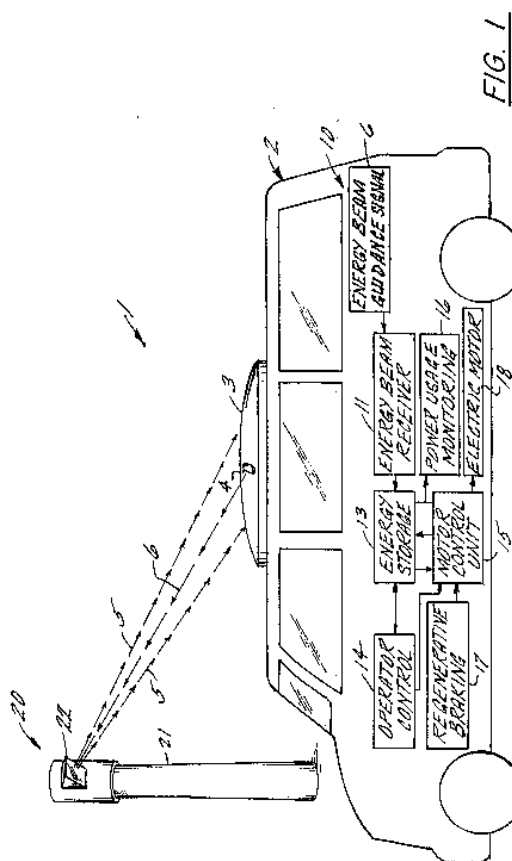


FIG. 1

15) Family number: 14315092 (FR2768762A)

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Title: Remote control of lockable compartments in office furniture**Priority:** FR19970011894 19970924

Family:	Publication number	Publication date	Application number	Application date
	<u>FR2768762 A1</u>	19990326	FR19970011894	19970924
	<u>FR2768762 B1</u>	19991022	FR19970011894	19970924

Probable Assignee: LAFOND PIERRE**Assignee(s):^(std):** LAFOND PIERRE**Assignee(s):** PIERRE LAFOND**Inventor(s):^(std):** LAFOND PIERRE**Inventor(s):** PIERRE LAFOND**Agent(s):** PIERRE LAFOND

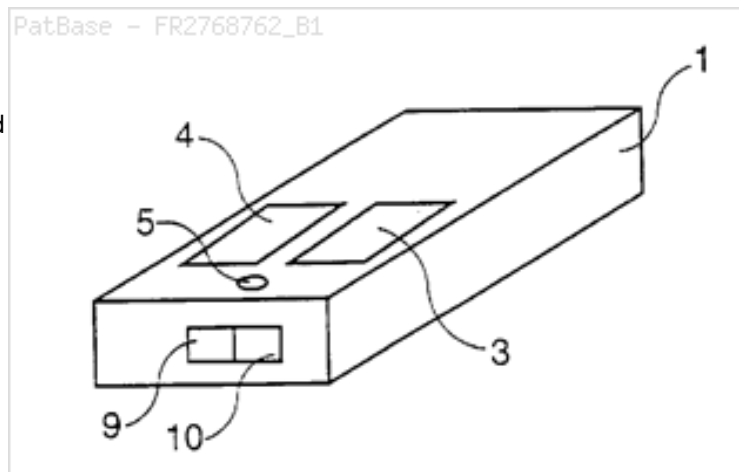
International class
(IPC 8-9): E05B47/02 G07C9/00 (Advanced/Invention);
E05B65/44 (Advanced/Non-invention);
E05B47/02 G07C9/00 (Core/Invention);
E05B65/44 (Core/Non-invention)

International class
(IPC 1-7): E05B47/00 E05B49/00 E05B65/44

CPC: E05B47/0002 E05B47/026 E05B65/44 G07C9/00309 G07C2009/00587 G07C2009/00785**European class:** E05B47/02 P05B47/00A1 P05B65/44 S07C9/00E14C4 S07C9/00E8B[Classification Explorer](#)**Cited documents:** WO9202702 A1, FR2690704 A3, EP0290330 A1, DE4320582 A1, DE4234323 A1, DE19501777 A1,**Forward Citations:** WO11031185, EP1195488,**Abstract:**

The hand-held unit (1) has lock and unlock pushbuttons (3,4) and an LED telltale (5). Infrared emitting (9) and receiving (10) diodes are controlled via a microprocessor; two coded signals, for locking and unlocking, are typically emitted. A programmable memory is safeguarded against battery failure. The response units in furniture are similarly equipped and also battery-powered. –

DETAILED DESCRIPTION – For battery economy, the response units are active only for e.g. 3 ms every 300 ms – each button-push, it is assumed, lasts at least 300 ms. Opt., photovoltaic battery charging is used. Codes received are compared with authorization codes in the memory; authentication leads to compliance, via, e.g. electromagnetic bistable actuators. This is reported by sensor to the remote unit, to light the telltale. Information stored is opt. elaborated to identify different users, or different locks, involved in previous operations



0) US2002105080A – METHOD OF FORMING AN ELECTRONIC DEVICE

16) Family number: 30106119 (US2002105080A)

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Title: METHOD OF FORMING AN ELECTRONIC DEVICE

Priority: GB19970021808 19971014 GB19970021809 19971014 GB20020001275 19971014
GB20020001275 19971014 GB20020020651 19971014 US20060590032 20061030
US20040760611 20040120 US20020290988 20021108 US20020068453 20020206
US20000529611 20000719 WO1998GB03087 19981014

Family:

Publication number	Publication date	Application number	Application date
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<u>GB2369087 B2</u>	20021002	GB20020001275	19971014
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<u>GB2376566 B2</u>	20030205	GB20020020654	19971014
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<u>US2004151014 AA</u>	20040805	US20040760611	20040120
<u>US2007087564 AA</u>	20070419	US20060590032	20061030
<u>US6503831 BB</u>	20030107	US20020068453	20020206
<u>US6713389 BB</u>	20040330	US20020290988	20021108
<u>US7129166 BB</u>	20061031	US20040760611	20040120
<u>US7323634 BB</u>	20080129	US20060590032	20061030
<u>WO9919900 A2</u>	19990422	WO1998GB03087	19981014
<u>WO9919900 A3</u>	19990805	WO1998GB03087	19981014

Probable Assignee: PATTERNING TECHNOLOGIES LTD

Assignee(s):^(std): PATTERNING TECHNOLOGIES LTD ; SPEAKMAN STUART ; SPEAKMAN STUART PHILIP ; THIN FILM TECHNOLOGY ; THIN FILM TECHNOLOGY CONSULTAN

Assignee(s): THIN FILM TECHNOLOGY CONSULTANCY LIMITED ; THIN FILM TECHNOLOGY CONSULTANCY LTD ; THIN FILM TECHNOLOGY LTD ; PATTERNING TECHNOLOGIES FUJIFILM HOUSE BOU LTD ; PATTERNING TECHNOLOGIES LIMITED

Inventor(s):^(std): SPEAKMAN STUART ; SPEAKMAN STUART PHILIP

Inventor(s): STUART SPEAKMAN ; STUART PHILIP SPEAKMAN

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FETHERSTONHAUGH AND CO; MILHENCH MARK LORNE; WOLF GREENFIELD AND SACKS PC

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class
(IPC 8-9): B41J2/01 B41J2/04 B41J2/14 B41J3/407 G02B6/10 H01G4/00 H01G4/06 H01G4/40 H01L21/00 H01L21/02 H01L21/208 H01L21/44 H01L27/00 H01L27/32 H01L29/49 H01L31/04 H01L35/34 H01L51/00 H01L51/05 H01L51/10 H01L51/30 H01L51/40 H01L51/42 H01L51/50 H01L51/52 H01M10/052 H01M10/056 H01M10/38 H01M10/40 H01M2/10 H01M6/18 H01M6/40 H05K3/10 H05K3/12 (Advanced/Invention); H01G4/40 H01L27/00 H01L27/32 H01L51/05 H01L51/42 H01L51/50 H01L51/52 H01M10/40 H01M2/10 H05K3/12 (Advanced/Non-invention); B41J2/01 B41J2/04 B41J3/407 H01L21/02 H01L29/40 H01L31/04 H01L35/00 H01L51/00 H01L51/05 H01M10/36 H01M6/18 H01M6/40 (Core/Invention); H01L27/28 H01L51/42 H01L51/50 H01M2/10 (Core/Non-invention)

International class
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European class: B41J2/01 B41J2/14D2 B41J3/407 B41J3/407D H01G9/20D2 H01L27/30B H01L29/49B H01L35/34 H01L51/00A16 H01L51/00A2B2 H01L51/00A2B2B H01L51/20C H01L51/40B2B H01M10/04F H01M10/052 H01M10/0565 H01M10/058 H01M10/42S H01M6/18P H01M6/40 H05K3/10B H05K3/12C2 L41M3/00P L41M5/00S10 T01G9/20L T01L251/30A1A4 T01L27/00C20 T01L27/146V2 T01L27/32 T01L31/18 T01L51/00A2B2B T01L51/05B2 T01L51/05D T01L51/20B2B T01L51/20D T01L51/42 T01L51/42D T01L51/42F T01L51/42F2 T01L51/42H T01L51/50E T01L51/52D T01L51/52D8 T01M10/0565 T01M2/10C2D2 T01M4/40B T01M6/18P T01M6/40 Y02E10/50 Y02E10/54D Y02E60/12 Y02E60/12B

US class: 136/252 136/256 257/749 257/749P 257/750 257/E27.119 257/E27.119S 257/E29.151 257/E29.151S 257/E51.005 257/E51.012 257/E51.014 257/E51.015 257/E51.017 257/E51.018 361/524 361/524P 365/210.1 365/210.100P 365/49 438/29 438/3 438/30 438/30S 438/609 438/609S 438/674 438/674P

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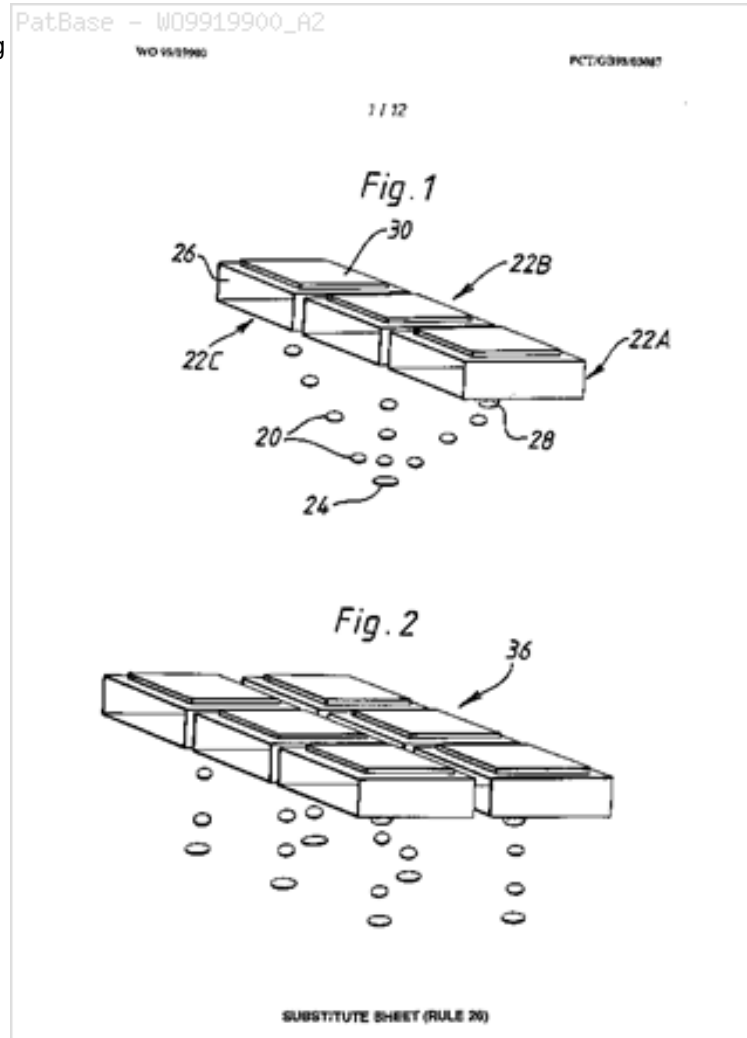
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Abstract:

Source: US2002105080A A method of forming an electronic device using the technique of drop on demand printing to deposit droplets of deposition material, said method comprising depositing a plurality of droplets on a surface to form a patterned electronic device comprising multiple discrete portions.



17) Family number: 30049964 (US2004054095A)

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Title: COMPOUND, COMPOSITIONS AND USE

Priority: GB19970026810 19971219 GB19990014163 19990618 GB19990014164 19990618
 KR20007006767 20000619 WO2000GB02310 20000614 US20030435196 20030512
 US20010581914 20011002 WO1998GB03685 19981216

Family:	Publication number	Publication date	Application number	Application date
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	WO0078843 A1	20001228	WO2000GB02310	20000614
	WO9932537 A1	19990701	WO1998GB03685	19981216

Probable Assignee: MERCK PATENT GMBH

Assignee(s):^(std): ALLEN JOANNE VICTORIA ; AVECIA LTD ; AVECIA LTD OF BLACKLEY ; BROWN BEVERLEY ANNE ; FERGUS JULIE ; ZENECA LTD ; THOMAS MARK ; LEEMING STEPHEN WILLIAM ; MORGAN JOHN DYLAN ; VERES JANOS ; ZENECA LIMITED

Assignee(s): MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ; MERCK PATENT GES MIT BESCHRAENKTER HAFTUNG ; MERCK PATENT GMBH ; FERGUS JULIE ANNE ; AVECIA OF BLACKLEY LTD ; AVECIA LTD BLACKLEY ; AVECIA LIMITED ; AVECIA LIMITED OF BLACKLEY

Inventor(s):^(std): VERES JANOS ; STEPHEN WILLIAM LEEMING ; MORGAN JOHN DYLAN ; MORGAN DYLAN ; MARK THOMAS ; LEEMING WILLIAM ; LEEMING STEPHEN WILLIAM ; JULIE FERGUS ; JOHN DYLAN MORGAN ; JOANNE VICTORIA ALLEN ; ALLEN VICTORIA ; ALLEN JOANNE VICTORIA ; THOMAS MARK ; FERGUS JULIE ; FERGUS JULIE ANNE ; BROWN BEVERLEY ANNE

Inventor(s): BEVERLEY ANNE BROWN ; JANOS VERES

Agent(s): SMART AND BIGGAR; CHIBA AKIO; MASUI CHUJI; SHAMOTO ICHIO; NOYA HIROAKI; TOMITA HIROYUKI; KOBAYASHI YASUSHI; MATSUYAMA MINAKO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class
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C08G75/00 C08G79/00 H01L51/50 (Advanced/Non-invention);
C08G61/00 C08G73/00 C08G79/00 C08G85/00 G03G5/06 G03G5/07 (Core/Invention)

International class
(IPC 1-7): C07C211/00 C08G61/12 C08G73/00 C08G73/02 C08G75/00 C08G75/00 C08G79/00 C08G79/00 C08G79/02 C08G85/00 C08L65/00 C08L65/02 C08L79/02 G03G5/06 G03G5/07 H05B33/14 H05B33/22

CPC: Y10S428/917 C08G73/00 C08G61/12 C08G73/026 C08G2261/312 G03G5/076

European class: C08G61/12 C08G73/00 C08G73/02N G03G5/07D2 M08G261/312

US class: 250/462.1 428/690 428/917 430/58.7 430/587 430/59.6 430/73 525/328.5 525/418 525/418P 525/419 525/419S 525/42 525/420 525/420S 525/461 525/461S 525/535 525/535S 525/538 525/540 528/348 528/373 528/398 528/422 564/431 564/433 585/443

[Classification Explorer](#)

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Forward Citations: WO14072016, WO14053202, WO14037076, WO13182264, WO13159881, WO13120581, WO13013765, WO12160383, WO12160382, WO12130365, WO12123058, WO12100900, WO12076092, WO12033073, WO12031659, WO12019683, WO10067746, WO09063757, WO06010555, WO05078818, WO05078818, WO05056638, WO05017065, WO04056937, WO04014985, WO0168740, WO0166618, WO0078843, US9647213, US9431145, US9425417, US9406886, US9331281, US9131902, US9026199, US8998830, US8992434, US8980443, US8975112, US8942779, US8937300, US8933182, US8889265, US8882684, US8871359, US8840564, US8824038, US8821418, US8816330, US8809839, US8734360, US8731646, US8730552, US8679030, US8603010, US8585607, US8519092, US8517953, US8491492, US8403865, US8376954, US8263735, US8247800, US8212243, US8043722, US8004744, US7985815, US7985810, US7893172, US7833684, US7781137, US7772360, US7718734, US7608680, US7593154, US7442760, US7282275, US7271406, US7258958, US7241543, US7192657, US7094902, US7001699, US6994941, US6991881, US6858324, US6733849, US6653510, US2016233438, US2014114040, US2011253986, US2011180784, US2011135837, US2011024734, US2011001131, US2010140593, US2010133483, US2009285978, US2009252536, US2009236133, US2009123860, US2009099391, US2009015139, US2008217605, US2008011353, US2007097481, US2007031698, US2006241278, US2006210827, US2006088777, US2006017040, US2005238989, US2005153167, US2004265716, US2004262574, US2004053150, TWI551623, TWI337136, TWI334740, KR101160692, JP2016149371, JP2015517589, JP2015044900, JP2015010173, JP2014519537, JP2012079707, JP2011074393, JP2009019207, JP2009004797, JP2007518842, JP2007504342, JP2007502877, JP2005232449, JP2003503519, EP2327739, EP2270064, EP2207217, EP2204861, EP2166582, EP1986247, EP1961780, EP1576071, EP1528074, EP1394618, EP1394617, EP1394617, EP1357436, EP1357436, EP1243635, DE112006003179, DE112005000266, DE102004049955, CN103703581, CN103636020, CN103636020, CN101942075,

Abstract:

Source: US2004054095A A polymeric material comprises at least one repeat unit consisting substantially of a moiety of Formula 1: in which Y<1>represents N, P, S, As and/or Se. Ar<1>and Ar<2>, which may be the same or different, represent independently a multivalent, optionally substituted aromatic group, and Ar<3>represents independently a mono or multivalent, optionally substituted aromatic group. At least one terminal group is attached in the polymer to the Ar<1>, Ar<2>and optionally Ar<3>groups located at the end of the polymer chains, so as to cap the polymer chains and prevent further polymer growth. At least one terminal group is derived from at least one end capping reagent used in the polymerisation to form the polymeric material to control the molecular weight thereof. A charge transport material comprising such polymers is useful in electroreprographic and electroluminescent devices. These polymers may be made by controlling their molecular weight with an end capping reagent.

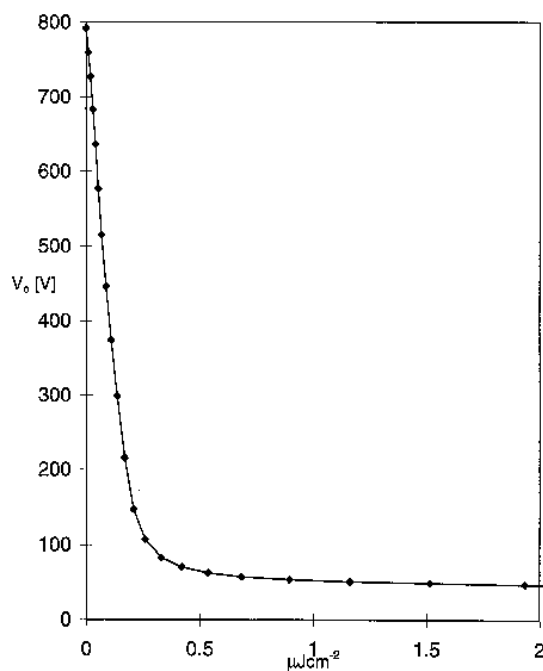
PatBase - W09932537_A1

WO 99/32537

1/5

PCT/GB98/03685

Figure 1



18) Family number: 29761376 (US2001018923A)

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Title: PRE-EQUILIBRIUM CHEMICAL REACTION ENERGY CONVERTER

Priority: CA20002371347 20000425 CA20002520340 20000425 CA20052371347 20051102
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Family:

Publication number	Publication date	Application number	Application date
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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 CN104989566, CN103500791, CN102459899,

Abstract:

Source: US2001018923A The use of newly discovered chemical reaction products,

created when reactants combine to form products on the surface of a catalyst, to generate electricity, beams of radiation or mechanical motion.

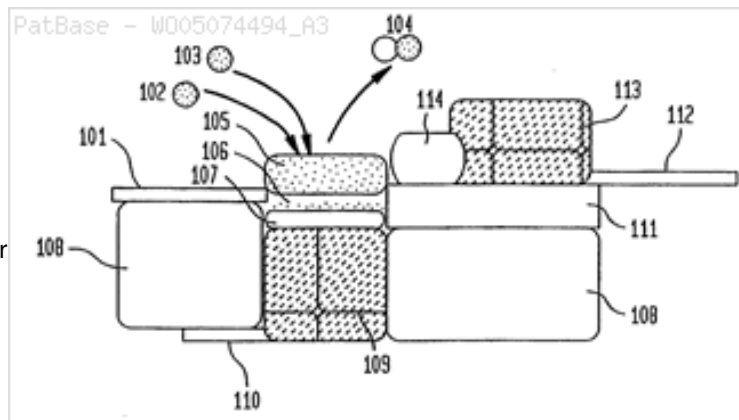
The invention also provides methods to convert the products into electricity or motion.

The electric generator consists of a catalyst nanocluster, nanolayer or quantum well placed on a substrate consisting of a semiconductor diode, and a semiconductor diode on the surface of the substrate near the catalyst.

The device to generate mechanical motion consists of a catalyst nanocluster, nanolayer or quantum well placed on a substrate, and a hydraulic well placed on a substrate, with the surfaces of both the catalyst and substrate

mechanically formed to enhance the unidirectional forces on the fluid. Both devices use a fuel-oxidizer mixture brought in contact with the catalyst.

The apparatus converts a substantial fraction of the reaction product energy into useful work during the brief interval before such products equilibrate with their surroundings.



0) US2002020675A – PORTABLE WATER DISINFECTION SYSTEM

19) Family number: 31156494 (US2002020675A)

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Title: PORTABLE WATER DISINFECTION SYSTEM

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Family:

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Probable Assignee: MIOX CORP

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Assignee(s): MIOX (AKA MIOX INC) CORP ; JOHNSON MATTHEY PUBLIC CO LTD ; ALLEN D CLEMENT ; AQUA MEMBRANES LLC ; AQUA RESEARCH LLC ; SILICON VALLEY BANK ; TRIPLEPOINT CAPITAL LLC ; RODNEY E HERRINGTON ; WESLEY L BRADFORD ; MIOX AKA MIOX INC CORP ; UNION BAY CAPTIAL PARTNERS I LLC ; HAND FRANK

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Agent(s): FISHER ADAMS KELLY CALLINANS; CALLINANS; BERGSTEIN COREY; UREN JOHN RUSSELL; KUPECZ ARPAD; EITAN MEHULAL AND SADOT; PEACOCK MYERS PC; DEBORAH A; PHILIP D

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): A47L1/00 A61L2/02 A61L2/03 A61L2/18 A61L2/22 A61L2/24 B01D61/00 B01D61/02 B01D61/04 B01D61/06 B01D61/08 B01D61/10 B01D61/12 B01D63/00 B01D63/10 B01D65/08 B01D67/00 B01D69/00 B01D69/02 B01D69/14 B05B11/00 B05D1/28 B29C41/20 B29C67/00 B41J2/01 B41J3/407 B41M1/30 C02F1/00 C02F1/44 C02F1/46 C02F1/461 C02F1/467 C02F1/72 C02F1/78 C02F9/00 C25B15/00 C25B15/08 C25D17/00 F04B17/00 F04B25/00 F04B3/00 F04B35/00 F04B43/02 F04B43/04 F04B43/073

F04B49/00 F04B9/107 F04B9/14 F15B3/00 (Advanced/Invention) ;
B01D61/00 B05D1/00 C02F1/00 C02F1/44 C02F1/46 C02F1/461
C02F1/467 (Advanced/Non-invention) ;
A47L1/00 A61L2/00 A61L2/02 A61L2/18 A61L2/22 B01D61/02 B01D63/00 B01D63/10
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F04B43/06 F04B9/00 (Core/Invention) ;
B01D61/00 C02F1/00 C02F1/44 (Core/Non-invention) ;
A47L C02F (Subclass/Invention)

International class
 (IPC 1-7) :

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CPC:

B01D61/025 B01D61/027 B01D61/145 B01D61/147 B01D2321/30 B01D61/12
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European class:

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M02F307/02 M02F9/00

US class:

204/194 204/232 204/266 204/271 204/275 204/275.1 204/275.100S 204/278 205/701
205/742 205/746 205/747 205/751 205/755 210/101 210/137 210/137S 210/192 210/194
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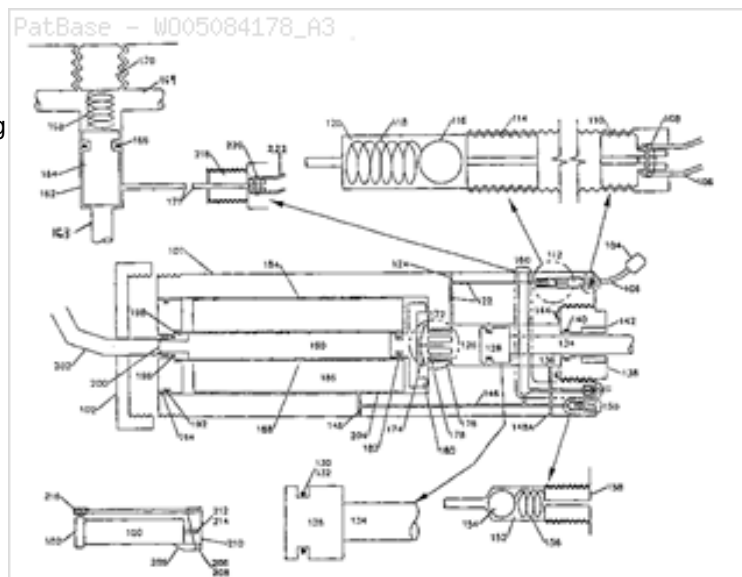
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Abstract:

Source: US2002020675A A portable oxidant generator for generating a chlorine or chlor-oxygen solution suitable for sterilizing contaminated drinking water, thereby providing a water disinfection system and potable water. The oxidant generator includes an electrolytic chamber and a power supply or source. The chamber holds a salt brine solution such that the solution is in contact with an anode and cathode included in the chamber. The power supply provides electrical charge that is passed between the anode and cathode through the salt brine solution. In the preferred embodiment of the present invention, a combination manual pump/switch is activated and injects electrolyte into the cell chamber and electrolyzes the solution. In one embodiment, as electrolysis proceeds, hydrogen gas is liberated and causes a gas pressure within the cell chamber thereby forcing the freshly generated oxidant solution from the cell. In another embodiment, as electrolysis proceeds, hydrogen gas is liberated and causes gas pressure within the sealed cell chamber which acts against a spring loaded piston thereby increasing the chamber volume to minimize pressure buildup, and to maintain the electrolyte in contact with the anode and cathode throughout the electrolysis process irrespective of the orientation of the device. When electrolysis is complete, an electric valve is actuated that allows the freshly produced oxidant to be discharged in to the drinking container to provide disinfection and render the water potable.



0) US2003035917A – IMAGE MAKING MEDIUM

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Title: IMAGE MAKING MEDIUM

Priority: EP20000944650 20000612 US19990138694P 19990611 US20010012259 20011211
US20020170503 20020614 US20020012259 20020614 US20040567022P 20040430
WO2000US16111 20000612 US20090631627 20091204 US20140203327 20140310
US20140584921 20141229 US20050118975 20050428

Family:	Publication number	Publication date	Application number	Application date
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Probable Assignee: HYMAN SYDNEY

Assignee(s):^(std): HYMAN SYDNEY

Assignee(s): SYDNEY HYMAN

Inventor(s):^(std): HYMAN SYDNEY

Inventor(s): SYDNEY HYMAN

Agent(s): OSLER HOSKIN AND HARCOURT LLP; WINSTON AND STRAWN LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU
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International class
(IPC 8-9): [B41M1/00](#) [B41M1/30](#) [B41M5/24](#) [B41M5/26](#) [B41M5/36](#) [B44C3/00](#) [B44C3/04](#) [B44C5/00](#)
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[D06N7/04](#) [G03C5/00](#) [G09B11/10](#) (Advanced/Invention);
[B41M5/24](#) [B41M5/26](#) (Advanced/Non-invention)

International class
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CPC: [Y10T428/22](#) [Y10T428/24355](#) [B41M1/30](#) [B41M5/0047](#) [B41M5/24](#) [G03C5/00](#) [G09B11/10](#)
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US class: [156/58](#) [156/58S](#) [257/40](#) [257/79](#) [345/173](#) [428/141](#) [428/141S](#) [428/15](#) [428/174](#) [428/542.8](#)
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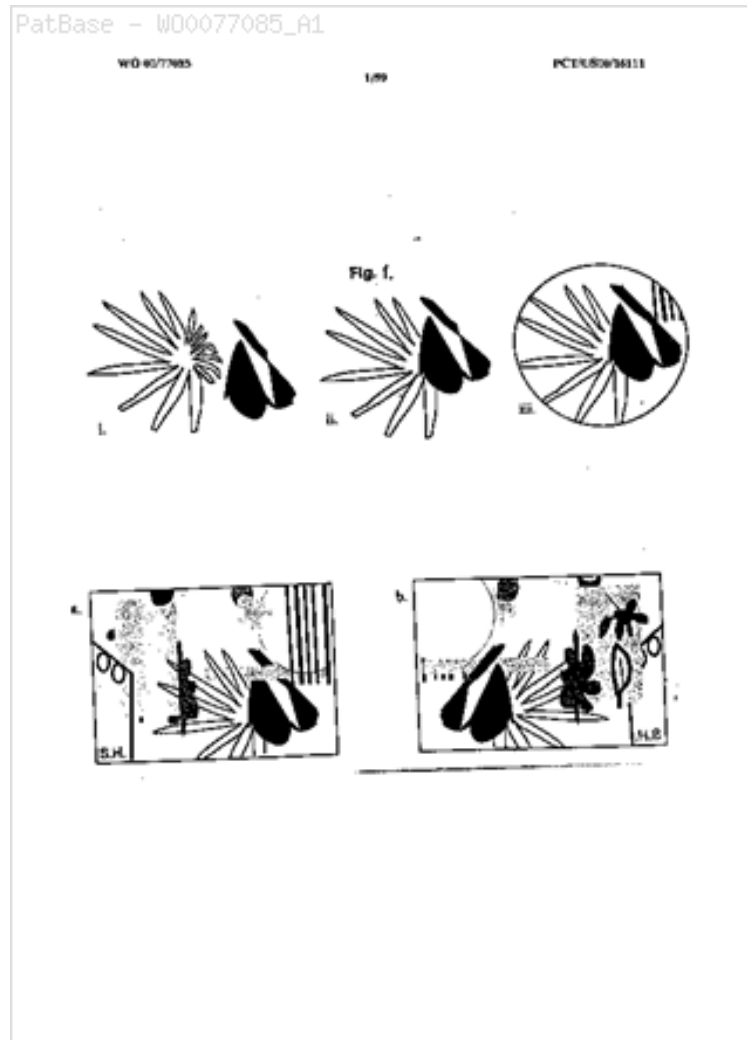
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Abstract:

Source: US2003035917A The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2- or 3-dimensional shape.



21) Family number: 14996460 (US6205656B)

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Title: AUTOMATED APPLICATION OF PHOTOVOLTAIC CELLS TO PRINTED CIRCUIT BOARDS

Priority: US19970942568 19971001

Family:

Publication number	Publication date	Application number	Application date
US6205656 BA	20010327	US19970942568	19971001

Probable Assignee: ADAMS ARTHUR HENRY

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POURTAHMASSEBI SORHAB

Inventor(s)^{:(std)}: ADAMS ARTHUR HENRY ; POURTAHMASSEBI SORHAB

International class
(IPC 8-9): H05K3/34 (Advanced/Invention);
H05K3/34 (Core/Invention)

International class
(IPC 1-7): H05K3/34

CPC: H01L31/0504 H01L31/188 H05K3/341 H05K3/3484 H05K2201/10037 H05K2201/10106
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European class: H01L31/18H2 H05K3/34C T05K201/10A13 T05K201/10A4 T05K3/34F6B

US class: 29/564.1 29/740 29/832 29/840

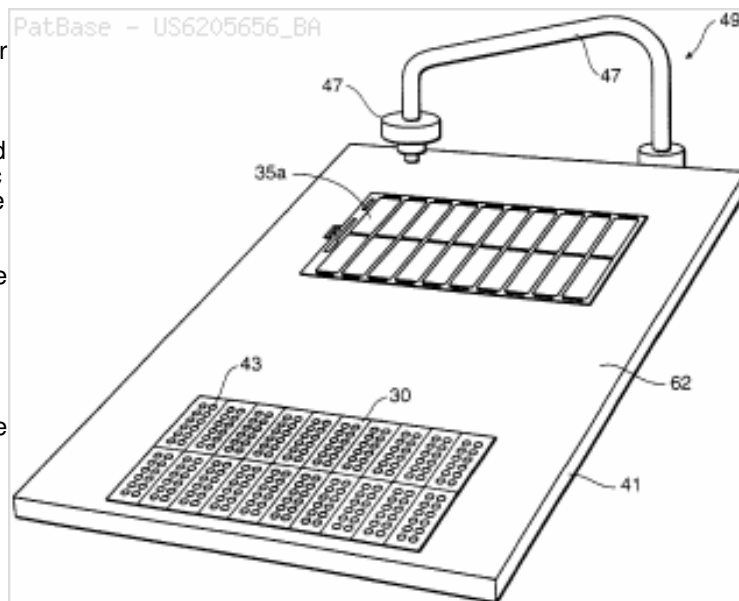
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US6671940, US2011203638, US2011130005, US2009077805, US2007164416,
US2004031136, US2002035782, EP2244308, EP2244308,

Abstract:

Source: US6205656B An improved process for fabricating photovoltaic charging circuits including the steps of:1. fabricating a circuit board by conventional techniques with photovoltaic piece mounting pads, islands, and traces suitable for interconnecting photovoltaic pieces in series with a LED and the cells of the rechargeable battery;2. fabricating a suitable solder screen;3. using the screen to apply solder dots to the piece mounting pads and the LED mounting pads;4. using a pick and place machine to automatically place the pieces, conductive side up, onto the piece mounting pads and the LED onto the LED mounting pads;5. heating the assembly to cause soldering of the rears of the pieces to the piece mounting pads and the LED to the LED mounting pads; and6. electrically connecting the conductive sides to the islands.



0) US2001032666A – INTEGRATED CAPACITOR–LIKE BATTERY AND ASSOCIATE...

22) Family number: 42142398 (US2001032666A)

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Title: INTEGRATED CAPACITOR–LIKE BATTERY AND ASSOCIATED METHOD

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Family:

Publication number	Publication date	Application number	Application date
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<u>WO0173957 A3</u>	20020530	WO2001US09615	20010323

Probable Assignee: CYMBET CORP

Assignee(s):^(std): JENN FENG YAN ; JODY JON KLAASSEN ; KLAASSEN JODY JON ; JENSON MARK LYNN ; JACOBS HARLAN THEODORE ; JENSON MARK L ; KLAASSEN JODY J ; JACOBS HARLAN T ; VICTOR HENRY WEISS ; MARK LYNN JENSON ; YAN JENN FENG ; WEISS VICTOR HENRY ; WEISS VICTOR H ; KLASSEN JODY J ; HARLAN THEODORE JACOBS ; INEGRATED POWER SOLUTIONS INC ; INTEGRATED POWER SOLUTIONS INC ; CYMBET CORP

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Inventor(s):^(std): KLAASSEN JODY JON ; JENSON MARK LYNN ; KLAASSEN JON ; JENSON MARK L ; KLAASSEN JODY J ; JACOBS HARLAN THEODORE ; JENSON LYNN ; YAN JENN

FENG ; WEISS VICTOR HENRY ; WEISS HENRY ; WEISS VICTOR H ; KLASSEN JODY J ; JACOBS HARLAN T

Inventor(s): JENN FENG YAN ; HARLAN THEODORE JACOBS ; WEISS VICTOR ; JACOBS HARLAN THEODORE ; JODY JON KLAASSEN ; JENSON MARK ; KLAASSEN JODY ; VICTOR HENRY WEISS ; MARK LYNN JENSON

Agent(s): PREUSS UDO; LEMAIRE PATENT LAW FIRM PLLC; LEMAIRE CHARLES A; CHARLES A; JONATHAN M

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class
(IPC 8-9): A61N1/378 B05C11/00 B05D5/12 B23P17/00 B23P19/00 C23C14/00 C23C14/06 C23C14/08 C23C14/48 C23C16/00 C23C16/04 H01G9/00 H01G9/02 H01G9/025 H01G9/038 H01G9/155 H01L21/00 H01L21/302 H01L21/461 H01L21/50 H01L23/48 H01L23/58 H01L31/00 H01L31/072 H01L31/073 H01L31/18 H01M10/00 H01M10/02 H01M10/04 H01M10/0562 H01M10/0585 H01M10/14 H01M10/36 H01M10/38 H01M10/42 H01M10/46 H01M14/00 H01M16/00 H01M2/00 H01M2/02 H01M2/10 H01M4/04 H01M4/1391 H01M4/48 H01M4/58 H01M4/88 H01M4/90 H01M6/00 H01M6/12 H01M6/14 H01M6/18 H01M6/40 H01M6/46 H02J7/00 H04B1/38 H04M1/00 H04M1/02 H05K1/18 H05K7/06 (Advanced/Invention); A61N1/372 G02F1/133 H01M10/38 H01M10/44 H01M2/02 H01M2/14 H01M2/20 H01M4/02 H01M4/1393 H01M4/1397 H01M4/40 H01M4/52 H01M4/58 H01M6/42 H01M8/10 H01M8/12 H05K1/16 (Advanced/Non-invention); H01M4/04 H01M4/88 (Core/Invention); H01M4/02 (Core/Non-invention)

International class
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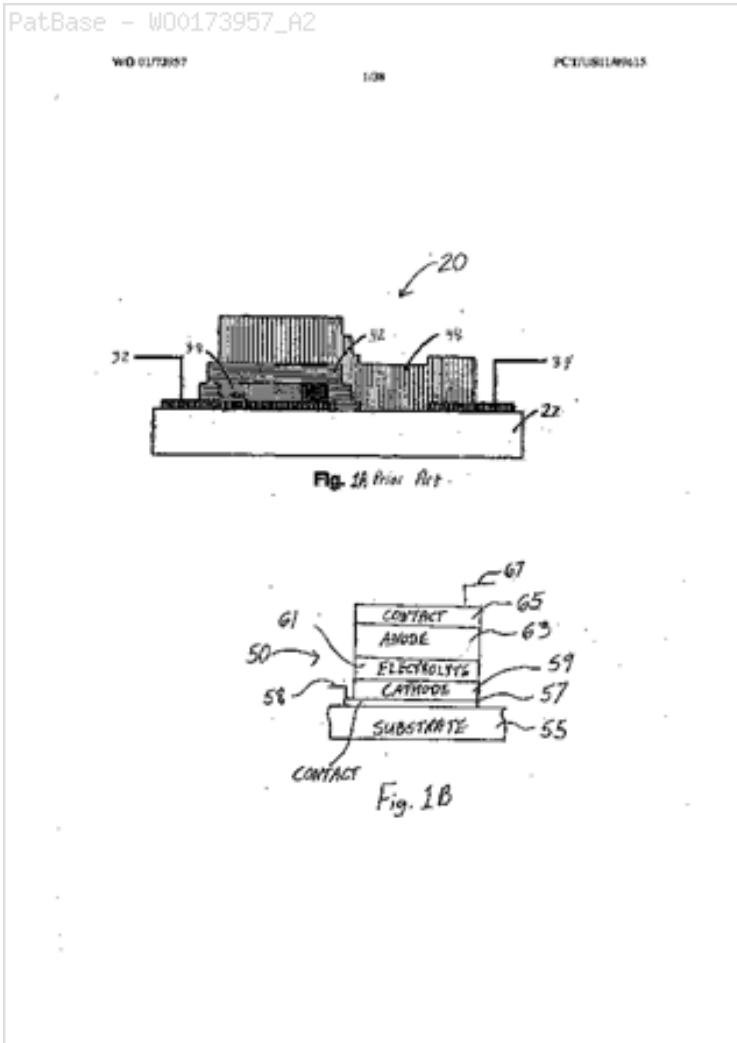
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Abstract:

Source: US2001032666A A method and system for fabricating solid-state energy-storage and energy-conversion devices including fabrication of films for devices without an anneal step, especially for the fabrication of supercapacitors and photovoltaic cells. A film is fabricated by depositing a first material layer to a location. Energy is supplied directly to the material forming the film. The energy can be in the form of energized ions of a second material. Supplying energy directly to the material and/or the film being deposited assists the growth of the crystalline structure of the film and controls stoichiometry.



23) Family number: 29052310 (WO0209396A2)

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Title: MOBILE PHONE WITH IMPROVEMENTS
Priority: IT2000TV00082 20000721 IT2000TV00082 20000721 WO2001IT00371 20010716
Family:

Publication number	Publication date	Application number	Application date
AU2001276668 AA	20020205	AU20010276668	20010716
AU200176668 A5	20020205	AU20010076668	20010716
IT1316506 B1	20030422	IT2000TV00082	20000721
ITTV20000082 A0	20000721	IT2000TV00082	20000721
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WO0209396 A2	20020131	WO2001IT00371	20010716
WO0209396 A3	20030912	WO2001IT00371	20010716

Probable Assignee: TIVERON EGIDIO**Assignee(s):^(std):** TIVERON EGIDIO**Assignee(s):** EGIDIO TIVERON**Inventor(s):^(std):** TIVERON EGIDIO**Inventor(s):** EGIDIO TIVERON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO
 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID
 IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN
 MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM
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International class
 (IPC 8-9): [G08B21/18](#) [H04M1/02](#) (Advanced/Invention);
[H04M1/60](#) (Advanced/Non-invention);
[G08B21/00](#) [H04M1/02](#) (Core/Invention);
[H04M1/60](#) (Core/Non-invention)

International class
 (IPC 1-7): [H04M1/02](#) [H04M1/05](#) [H04M1/21](#) [H04M1/60](#)

CPC: [H04M1/0254](#) [H04M1/0258](#) [H04M1/0262](#) [G08B21/182](#) [H04M1/0214](#) [H04M1/0235](#)
[H04M1/6041](#) [H04M2250/12](#)

European class: [G08B21/18B](#) [H04M1/02A14B](#) [H04M1/02A2B4](#) [T04M1/02A2B8](#) [T04M1/60T2](#) [T04M250/12](#)
[Classification Explorer](#)

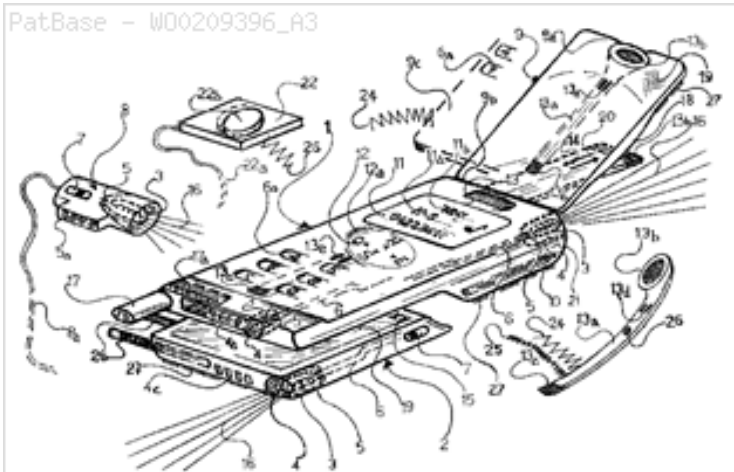
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 DE19726119 A1, DE19645259 A1,

Forward Citations: WO13156999, WO06043159, WO04042322, WO04039045, WO04015682, WO03103254,
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 EP2030423, EP1662454, EP1578094, EP1558895, EP1524189, EP1379064,
 DE102005016569, DE102005016569,

Abstract:

Mobile phone such as of cellular or household cordless or receiver-transmitter apparatus including some improving functions supplied by its inside circuit/software or by means sensors and specific devices to be placed fixed in suitable vans-cavities-slots provided on the phone/batter or external connected fixed or by cable to said vans which include the connections with the phone circuit; one open van is featured suitable to contain a light bulb like the pocket torches with connections for its powering; other provided improving elements and functions are the compass, the barometer-altimeter, the hygrometer, the parts generating radiated energy placed towards the side opposite to the earphone, the earphone on the flip, the radioconnected unlookable flip, the emission of a sound like siren or a particular radio frequency, the flip of

transparent material with magnifying function, the function of direct remote control for the car and for the house, the reader of the blood pressure and of the cardiofrequency or electrocardiogram, the stethoscope, the thermometer, the earphone-microphone placed on a removable flip or on a pullable out/reinsertable radioconnected with the phone stylus shaped device, the function of noiseless personal alarm clock, the scanner, the phone/wind speed measurement, the intercommunicating function between stylus and phone on two channels, the phone radioconnection between phone and eyeglasses, the fire alarm, the photocamera connected with the phone having magnifying function, the battery charger incorporated, the microwaves generator plus oven the infrared alarm apparatus, the heating device, the ultrasonics generator, the radioconnected object for calling the dog with the phone, the mobile phone with scanner and fax, the tuner, the mobile phone including the above said improving elements of the invention place in a PC/note book/pad.



24) Family number: 30182342 (US2002022846A)

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Title: Method for fusing bone during endoscopy procedures

Priority: CA20112736704 20110407 US20000226370P 20000818 US20010272955P 20010302
 US20020157651 20020528 US20010293809P 20010526 US20010312965P 20010818
 US20010312965P 20010815 US20020119671 20020409 US20010885749 20010619
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 WO2010US52662 20101014 US20130736016 20130107 US20140149644 20140107

Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: NUORTHO SURGICAL INC

Assignee(s):^(std): AUGÉ WAYNE K II ; MAP TECHNOLOGIES LLC ; MORGAN ROY E ; NUORTHO SURGICAL INC ; AUGÉ II WAYNE K ; PRAKASH NARANDER M

Assignee(s): AUGÉ WAYNE K ; PRAKASH N MANI

Inventor(s):^(std): MORGAN ROY E ; WAYNE K II AUGÉ ; WAYNE K ; ROY E MORGAN ; PRAKASH NARANDER M ; PRAKASH N MANI ; PRAKASH N M ; AUGÉ WAYNE K ; AUGÉ WAYNE K II ; AUGÉ II WAYNE K

Inventor(s): AUGÉ ; II WAYNE K ; PRAKASH N ; NARANDER M PRAKASH ; MORGAN ROY ; AUGÉ WAYNE K II ; AUGÉ WAYNE

Agent(s): UREN JOHN RUSSELL; BERGSTEIN COREY; VAN BREDÁ JACOBUS; PEACOCK MYERS AND ADAMS P C; PEACOCK MYERS PC; SLUSHER STEPHEN A; PEACOCK MYERS AND ADAMS PC; STEPHEN A; VIDAL A; OAXACA VIDAL A; VILVEN JANEEN; JANEEN; VIDAL Z; JUSTIN R; DEBORAH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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A61B18/14 A61N1/18 (Core/Invention) ;
A61B17/00 (Core/Non-invention)

International class
(IPC 1-7):

A61B17/08 A61B17/56 A61B17/58 A61B18/04 A61B18/14 A61B18/18 A61B19/00
A61D1/00 A61F13/00 A61F2/00 A61F2/30 A61F5/00 A61M A61N1/00 A61N1/18

CPC:

A61N1/06 A61N1/306 A61N1/326 A61N1/327 A61N1/40 A61L27/3608 A61L27/365
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A61B2218/002 A61B18/1233 A61B18/1206 A61B18/148 A61B18/16 A61B2018/00589
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European class:

A61B17/88 A61B18/00B A61B18/04B A61B18/06 A61B18/12 A61B18/12G6 A61B18/14
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US class:

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Forward Citations:

WO16178697, WO15094076, WO15088473, WO14145148, WO13191612, WO13067417, WO13056256, WO13041550, WO12150041, WO12150040, WO12024672, WO12024672, WO11109288, WO11047148, WO11047148, WO09146432, WO09001062, WO08091559, WO07113867, WO07113866, WO07006158, WO06111968, WO06082413, WO06036706, US9642876, US9636170, US9603656, US9597149, US9597145, US9597142, US9597099, US9592085, US9585675, US9579142, US9555145, US9549754, US9539051, US9532827, US9532826, US9526557, US9510894, US9498548, US9498285, US9498271, US9498244, US9486233, US9474565, US9468488, US9452008, US9408658, US9364281, US9339327, US9339323, US9314603, US9288886, US9287091, US9283035, US9277962, US9277954, US9272359, US9247983, US9226783, US9216053, US9211155, US9204918, US9190704, US9173698, US9168318, US9168085, US9144459, US9072726, US9028656, US8994270, US8979831, US8951300, US8951249, US8932283, US8926586, US8888770, US8870867, US8864759, US8852202, US8840873, US8840677, US8834462, US8834445, US8827992, US8821487, US8814853, US8808161, US8801703, US8777940, US8753382, US8747398, US8734441, US8734406, US8728072, US8721638, US8721635, US8709059, US8696662, US8696659, US8690867, US8690866, US8678816, US8668687, US8663216, US8655452, US8623012, US8603102, US8600494, US8591508, US8585691, US8574229, US8523853, US8486059, US8475448, US8430873, US8430105, US8419727, US8414584, US8388612, US8382749, US8348946, US8343095, US8333763, US8328807, US8323280, US8323277, US8323252, US8298225, US8298223, US8235989, US8235980, US8235979, US8231614, US8226642, US8221433, US8216233, US8216222, US8209024, US8195307, US8152800, US8147444, US8105324, US8100898, US8080007, US8066702, US8062500, US8062291, US8034050, US8021360, US7998206, US7985072, US7963287, US7955296, US7945331, US7942874, US7938825, US7927329, US7875025, US7862565, US7824404, US7819869, US7819864, US7819861, US7803156, US7794461, US7771422, US7736359, US7722603, US7722412, US7713269, US7645142, US7637907, US7608113, US7473145, US7445620, US7442288, US7348560, US7291145, US7204846, US7090753, US6960225, US6939364, US6875427, US6780840, US6773699, US6699244, US2017087372, US2014277092, US2014207053, US2014088593, US2013226073, US2013178845, US2013138097, US2013035560, US2012221003, US2012215213, US2012215158, US2012150173, US2012103822, US2012046656, US2011288652, US2011213358, US2011196361, US2011184501, US2011172704, US2011152852, US2011144766, US2011106072, US2011106071, US2011089041, US2011087308, US2011034914, US2010331834, US2010305565, US2010298821, US2010262136, US2010241023, US2010185195, US2010145304, US2010087815, US2010069975, US2010049192, US2010049188, US2010049031, US2010042094, US2010042088, US2010036446, US2010030209, US2009306654, US2009306645, US2009304775, US2009270849, US2009259280, US2009209953, US2009198229, US2009099613, US2009054962, US2009036884, US2009030410, US2009024124, US2009005772, US2008281311, US2008281310, US2008281309, US2008280260, US2008249524, US2008249521, US2008249520, US2008241781, US2008234674, US2008200972, US2008177389, US2008154381, US2008082097, US2008082092, US2008050984, US2008033427, US2008033276, US2008021447, US2008009927, US2008009846, US2007244478, US2007213704, US2007203481, US2007203402, US2007161979, US2007160958, US2007135881, US2007073284, US2007055316, US2007038208, US2007027449, US2006264925, US2006259026, US2006247610, US2006217705, US2006217704, US2006205076, US2006173449, US2006131499, US2006106376, US2005182449, US2005131497, US2005085806, US2005080408, US2004267255, US2004107003, US2003032954, JP5485707, JP2015523895, JP2010519005, JP2006296945, ITNA20090036, EP2488123, EP2374426, EP2297377, EP2297377, EP2153789, EP2153788, EP2120757, EP2111250, EP2111250, EP1829492, EP1666076, CN104411360, CN104093374, CN103932780, CN103907001, AU2014367306, AU2013277814, AU2008219461,

Abstract:

Source: US2002022846A A method of fusing or welding bone in vivo and in a fluid medium, comprising: harvesting a piece of autologous implant bone; treating the implant bone and/or a receiving bone to expose organic component; treating the implant bone and/or the receiving bone by de-fatting; combining the implant bone with other compounds to create an interfacing agent; adding the interfacing agent between receiving bone segments to be fused or welded; and fusing or welding in vivo, in a fluid medium, utilizing electromagnetic energy.

PatBase - W011047148_A2

W011047148

PCT/US2000/052663

1 / 11



FIG. 1
Prior Art

Title: ENERGY GENERATING SYSTEM USING SEA WAVES
Priority: ES20000003028 20001211 WO2001ES00477 20011207
Family:

Publication number	Publication date	Application number	Application date
AT340931 E	20061015	AT20010270699T	20011207
AU2002221971 AA	20020624	AU20020221971	20011207
AU2002221971 BB	20060427	AU20020221971	20011207
DE60123465 D1	20061109	DE20016023465	20011207
DE60123465 T2	20070802	DE20016023465T	20011207
EP1342916 A1	20030910	EP20010270699	20011207
EP1342916 B1	20060927	EP20010270699	20011207
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ES2170029 BA	20031101	ES20000003028	20001211
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JP2004515711 T2	20040527	JP20020550235T	20011207
PT1342916 T	20070131	PT20010270699T	20011207
US2004046396 AA	20040311	US20030450089	20030610
US6956299 BB	20051018	US20030450089	20030610
WO0248544 A1	20020620	WO2001ES00477	20011207

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Inventor(s): MANUEL ANTONIO GARCIA CALVILLO MIRALLES ; JOSE ANTONIO SERRANO CABELLO ; JOSE ANTONIO SERRANO MOLINA ; JOSE DOROTEO LOPEZ HUETE ; JUAN MANUEL ARCOS MONTES ; GARCIA CALVILLO MIRALLES MANUEL ANTON ; FERRAN JOSEP PUERTA SARDO

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; NAGAI HIROSHI; STEINBERG AND RASKIN PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class [F03B13/16](#) [F03B13/18](#) [F03B13/24](#) (Advanced/Invention);
 (IPC 8-9): [F03B13/00](#) (Core/Invention)

International class [E02B9/08](#) [F03B13/10](#) [F03B13/12](#) [F03B13/18](#) [F03B13/24](#) [H02P9/04](#)
 (IPC 1-7):

CPC: F03B13/16 F03B13/1885 Y02E10/38

European class: F03B13/16 F03B13/18H Y02E10/38

US class: 290/42 290/53 60/496 60/497 60/507

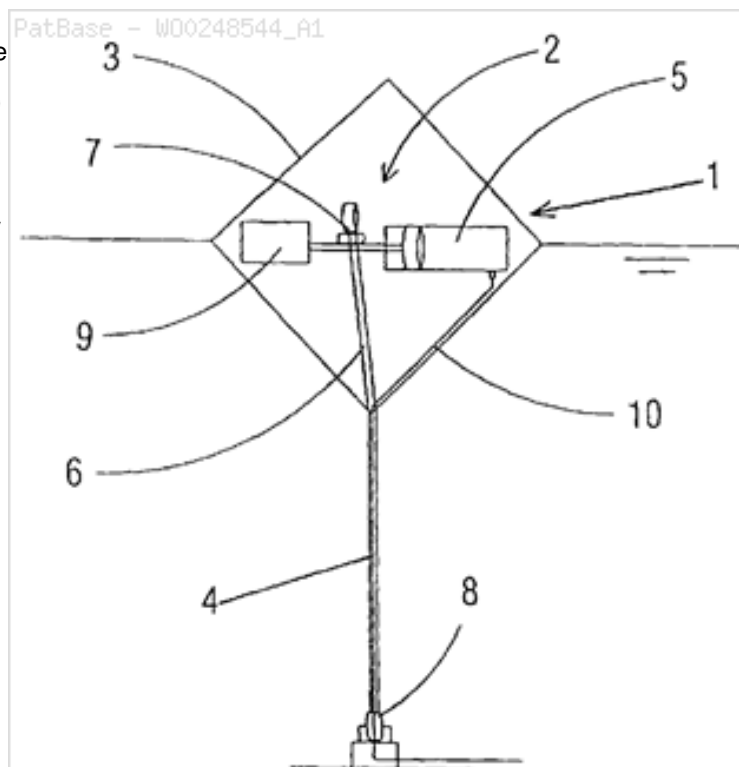
Classification Explorer

Cited documents: WO9913238 A1, WO9409273 A1, WO9210675 A1, US6864592 BA, US6857266 BB, US6849963 BB, US6731018 BA, US6717284 BB, US6695536 BB, US6644027 BA, US6617705 BA, US6392314 BA, US6269636 BA, US6229225 BA, US6020653 A, US5426332 A, US5424582 A, US5359229 A, US5136173 A, US4931662 A, US4883411 A, US4754157 A, US4631921 A, US4594853 A, US4560884 A, US4539485 A, US4480966 A, US4469955 A, US4447740 A, US4434375 A, US4423334 A, US4398095 A, US4355511 A, US4352023 A, US4260901 A, US4242593 A, US4241579 A, US4228360 A, US4208877 A, US4204406 A, US4196591 A, US4184335 A, US4151051 A, US4091618 A, US3988592 A, US3912938 A, US3783302 A, US3777494 A, US3696251 A, US3546473 A, US3515889 A, US3362336 A, US3204110 A, US3200255 A, US3030893 A, US2422337 A, US1455718 A, GB2261262 A1, FR2800423 A1, ES2148105, ES2104181 T3, ES2104181, EP0282430 A2, EP0265594 A1,

Forward Citations: WO10117291, WO10067341, WO10067341, WO09080361, WO09080361, WO06006060, US8564150, US8525365, US8482145, US8421259, US8269365, US8147212, US7989975, US7980832, US7948108, US7930885, US7786609, US7375436, US7327049, US7323790, US2011198851, US2011158827, US2011062713, US2011025072, US2010201131, US2009127860, US2009127858, US2009008942, US2008260548, US2008217919, US2007222221, US2006208839, US2006028026, ES2208107,

Abstract:

Source: US2004046396A Includes at least one floating body (1), and is characterised in that includes a device (2) fitted inside said body (1) for transforming the movement of the floating body (1) into pneumatic or hydraulic energy and means for transmitting the energy to dry land or to a fixed structure. An energy-generation system is obtained thereby with a manufacturing time and cost lower than the systems currently known. Moreover, the fact that the transforming device (2) is fitted inside the floating body (1) means that it is protected against corrosion caused by the water, against sharp movements caused by marine currents and against other possible outside agents which might harm or damage any of the components which make up the device.



26) Family number: 28212589 (US2002120846A)

© PatBase

Title: ELECTRONIC PAYMENT AND AUTHENTICATION SYSTEM WITH DEBIT AND IDENTIFICATION DATA VERIFICATION AND ELECTRONIC CHECK CAPABILITIES

Priority: CA20012354372 20010731 CA20092744709 20091126 CA20172744709 20170214
 EP20090829824 20091126 US20010271156P 20010223 US20070847509 20070830
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Family:

Publication number	Publication date	Application number	Application date
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US2012098439 AA	20120426	US20110335147	20111222
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US8669716 BB	20140311	US20070847509	20070830
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<u>US9078313 BB</u>	20150707	US20110309196	20111201	
<u>US9247623 BB</u>	20160126	US20110247620	20110928	
<u>US9247625 BB</u>	20160126	US20130789570	20130307	
<u>US9338839 BB</u>	20160510	US20110283468	20111027	
<u>US9342967 BB</u>	20160517	US20120469705	20120511	
<u>WO09029960 A2</u>	20090305	WO2008US81807	20081030	
<u>WO09029960 A3</u>	20090423	WO2008US81807	20081030	

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): F21K9/00 F21K99/00 F21L4/00 F21L4/08 F21S9/02 F21S9/03 F21V15/01 F21V21/08 F21V23/00 F21V23/04 F21W111/027 F21Y101/00 G05F1/00 G06Q20/00 G06Q20/04 G06Q20/08 G06Q20/10 G06Q20/28 G06Q20/40 G06Q30/00 G06Q30/04 G06Q40/00 G07F19/00 G07F7/12 G08B5/36 H01Q1/24 H01Q1/44 H02J7/00 H02J7/02 H02J9/02 H04Q1/30 H05B33/08 H05B37/00 H05B37/02 H05B37/03 H05B41/36 (Advanced/Invention); E04F11/104 F21S2/00 F21S8/00 F21S8/04 F21S9/02 F21V17/02 F21V21/30 F21V23/04 F21W111/027 F21Y101/00 F21Y101/02 (Advanced/Non-invention); F21V15/00 H05B37/02 (Core/Invention)

International class
(IPC 1-7): G06F17/60 G07F19/00 G07F7/12 H05B37/02

CPC: G06Q20/0425 G06Q20/04 G06Q20/085 G06Q20/10 G06Q20/102 G06Q20/108 G06Q20/28 G06Q20/40 G06Q20/401 G06Q30/04 G06Q40/00 G06Q40/025 Y02B20/48 H05B33/0815 Y02B20/346 F21K9/13 E04F2011/1048 F21S2/00 F21S8/033 F21S8/04 F21S9/037 F21V17/02 F21V21/0824 F21V21/30 F21V23/0435 F21V23/0471 H01Q1/248 H01Q1/44 F21S9/022 F21V23/0442 F21W2111/027 H05B33/0803 H05B33/0854 Y02B20/383 Y10S362/806 F21S9/02 F21V23/045 H05B37/0227 H05B37/03 Y10T307/625 Y02B20/42 F21K9/23 H05B37/0281 H05B33/0872 F21Y2101/02 H05B37/0272 G08B5/36 F21Y2115/10 F21Y2101/00

European class: F21K9/13 F21S9/03W F21V21/08S F21V23/04R F21V23/04S8 G06F17/60B8 G06Q20/04 G06Q20/0425 G06Q20/085 G06Q20/10 G06Q20/102 G06Q20/108 G06Q20/28 G06Q20/40 G06Q20/401 G06Q30/04 G06Q40/00 G06Q40/025 G07F19/00B G08B5/36 H05B33/08D1C4 H05B37/02B6R R21W111/027 R21Y101/02 Y02B20/34B6

US class: 1/1 307/66 307/66S 315/152 315/152P 315/165 315/250 315/291 315/294 315/297 315/297S 315/86 315/86P 362/157 362/157P 362/362 362/362P 705/35 705/38 705/39 705/40 705/40P 705/42 705/44 705/44P 705/44S 705/75 705/75S 705/77 705/77S 713/168 713/168P

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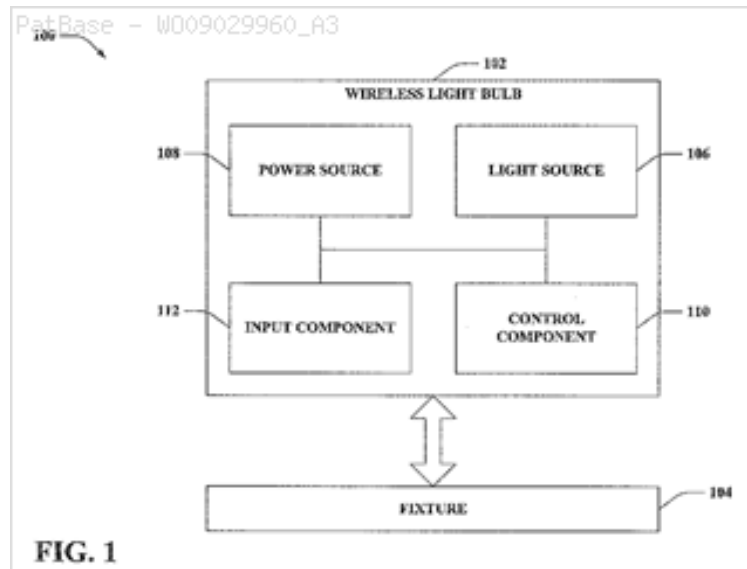
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Abstract:

Source: US2002120846A An electronic payment and authentication system that includes features to verify the authenticity of a payer, validate debit data, and facilitate debit (as opposed to credit) payment transactions. The electronic payment system allows a consumer to purchase items and services via a network while utilizing a debit transaction. The invention provides merchants with the ability to verify the identity of the consumer, determine if the consumer is a good debit transaction risk, and retrieve debit data associated with a particular consumer.



27) Family number: 15496282 (US2004196653A)

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Title: EXTERIOR LUMINAIRE**Priority:** GB20010013977 20010608 GB20010013979 20010608 WO2002GB02651 20020610**Family:**

Publication number	Publication date	Application number	Application date
AT324553 E	20060515	AT20020727779T	20020610
DE60210950 D1	20060601	DE20026010950	20020610
EP1392996 A1	20040303	EP20020727779	20020610
EP1392996 B1	20060426	EP20020727779	20020610
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US7090370 BB	20060815	US20040479544	20040514
WO02101285 A1	20021219	WO2002GB02651	20020610

Probable Assignee: ADVANCED LEDS LTD**Assignee(s):^(std):** ADVANCED LEDS LTD ; CLARK CARL ; CLARK KEVIN ; CLARKE CARL**Assignee(s):** ADVANCED LEDS LIMITED**Inventor(s):^(std):** CLARK KEVIN ; CLARKE CARL**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class
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European class: [F21S8/08H2](#) [F21S9/03W](#) [F21V13/10](#) [G02B6/00L4E](#) [R21V23/04S](#) [R21V29/00](#) [R21V7/00A](#)
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US class: [362/183](#) [362/183P](#) [362/227](#) [362/231](#) [362/231S](#) [362/276](#) [362/276S](#) [362/294](#) [362/294S](#)
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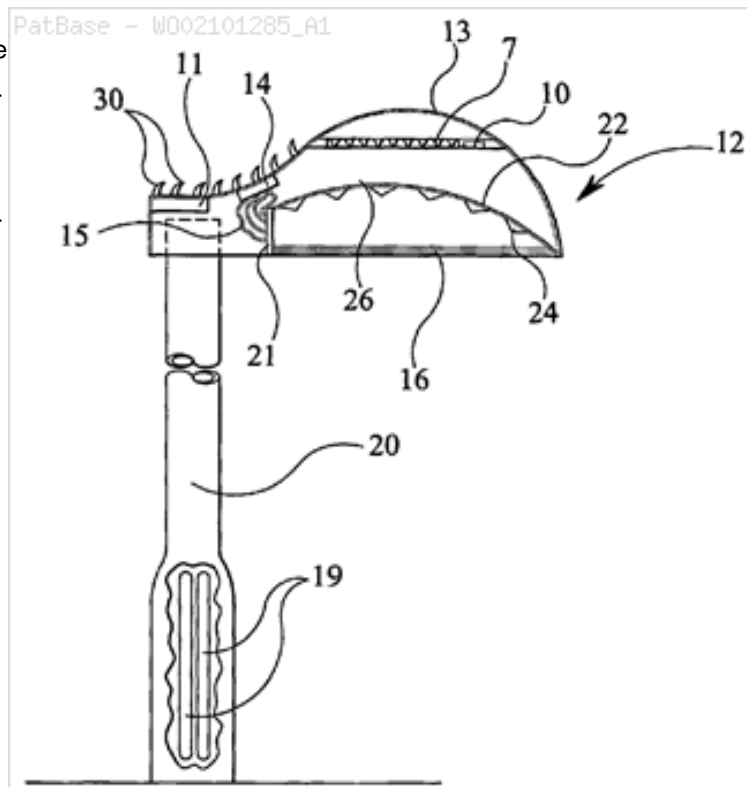
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Abstract:

Source: US2004196653A An exterior luminaire comprising an array of light emitting diodes (2) within an outer body (12). Also within the outer body (12) is housed apparatus (7) for collecting and converting radiation into electrical energy so as to provide at least a part of the power required by the light emitting diodes (2), at least one light reflecting member (22) for reflecting light emitted by the light emitting diodes (2) out of the outer body (12), a light diffusing member (16) in the path of the reflected light, and means for maintaining the temperature around the array of light emitting diodes (2) within a predetermined range.



0) US2003086053A – LIGHTED READING GLASSES

28) Family number: 30143544 (US2003086053A)

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Title: LIGHTED READING GLASSES

Priority:

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Family:

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Agent(s): PHILLIPS ORMONDE FITZPATRICK; MACRAE AND CO; RIDOUT AND MAYBEE LLP;
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WIEDEMANN PETER; MANITZ FINSTERWALD AND PARTNER GBR; DE ELZABURU
ALBERTO; FITCH EVEN TABIN AND FLANNERY; FITCH EVEN TABIN AND FLANNERY
LLP; KRATZ RUDY ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH
CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE
GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA
LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA
NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK
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International class
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F21V23/06 F21V3/00 F21V33/00 F21V5/00 G02C1/00 G02C11/04 G02C3/00 G02C5/02
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F21Y101/02 (Advanced/Non-invention);
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A42B F21L F21V G02C (Subclass/Invention);
F21Y (Subclass/Non-invention)

International class
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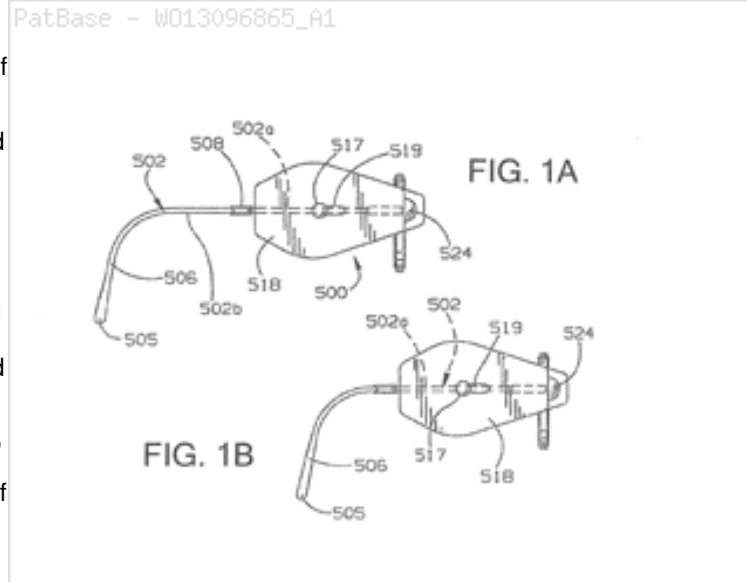
Forward Citations:

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Abstract:

Source: US2003086053A Lighted reading glasses are provided to enable clear reading of normal sized text to occur when the reading material is held at usual distances from the reader in dimly lit or dark locations. The lighted glasses have high intensity lights, such as in the form of LEDs that generate narrow light beam cones and which are oriented via light mounts as by inward canting of the light beam cones to meet and overlap so high brightness light is generated in a conical overlap area of light which is maximized in size in the range of normal reading distances. The light mounts include housings that are very compactly sized via the use of small coin cell batteries for powering the LEDs they hold. The housings are tapered from their maximum width sized to be slightly larger than the diameter of the disc-shaped cell batteries to either end thereof along their length, and have a depth sized to accommodate two of the stacked very thin, e.g., one-eighth of an inch each, coin cell batteries. In this manner, a very small and compact light module is provided that, while especially well-suited for reading glasses due to the preferred inward cant provided by light mounting surfaces of the housing to tailor the location of the overlap lighted area to the reading area, can also be used with other types of head gear, such as caps or other types of hats.



29) Family number: 31420285 (DE20216669U1)

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Title: TEMPORARY TOILET UNIT FOR BUILDING SITES OR FESTIVALS CAN BE MADE MORE COMPACT FOR TRANSPORTATION BY SLIDING THE SIDE WALLS INTO A SPACE BEHIND THE DOOR REGION AND FOLDING THE FLEXIBLE ROOF AND FLOOR ELEMENTS

Priority: DE20022016669U 20021029

Family:	Publication number	Publication date	Application number	Application date
	DE20216669 U1	20030515	DE20022016669U	20021029

Probable Assignee: GOECK MELANIE

Assignee(s):^(std) GOECK MELANIE ; KESSLER DIANA

International class
(IPC 8-9): E03D7/00 E04H1/12 (Advanced/Invention);
E03D7/00 E04H1/12 (Core/Invention)

International class
(IPC 1-7): E03D7/00

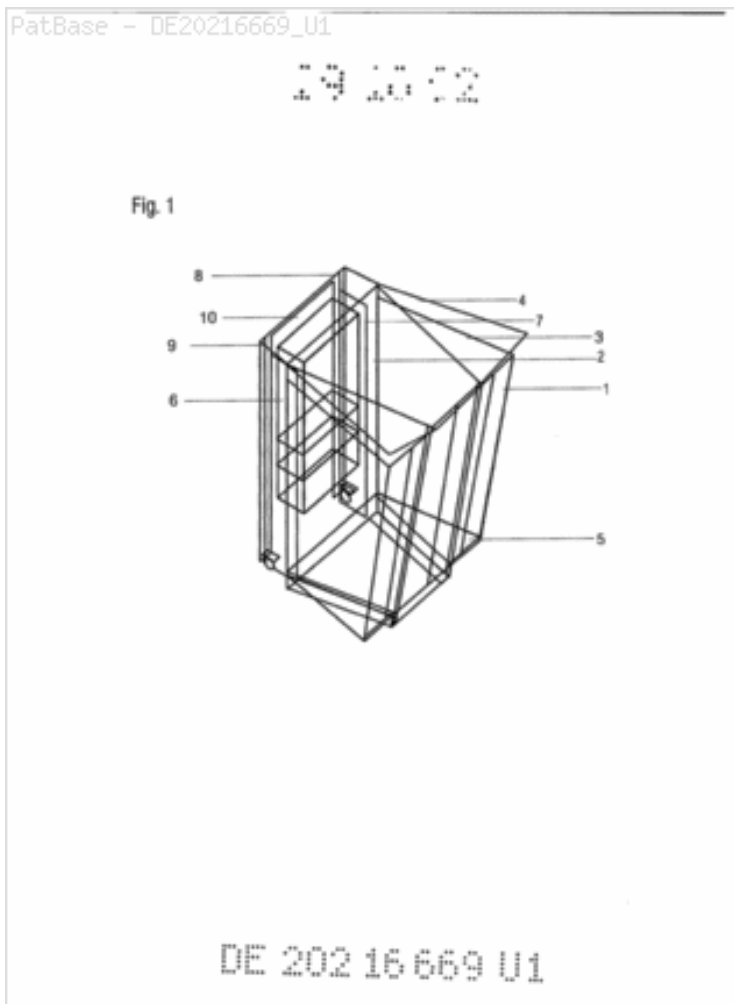
CPC: E03D7/00 E04H1/1216

European class: E03D7/00 E04H1/12B2

[Classification Explorer](#)

Abstract:

Source: DE20216669U1 The toilet unit can be made more compact for purposes of transport by sliding the side walls (3) into a space behind the door region and by folding the flexible roof and floor elements (17, 18).



0) US2004149325A – UMBRELLA APPARATUS

30) Family number: 29026402 (US2004149325A)

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Title: UMBRELLA APPARATUS

Priority: US20010267018P 20010207 US20010335933P 20011102 US20020068424 20020207
US20030650537 20030828 US20050199956 20050809 US20040829790 20040422
US20080240845 20080929 US20060342745 20060130 US20020287335 20021101
US20080255255 20081021 US20110311887 20111206 US20120607911 20120910

Family:

Publication number	Publication date	Application number	Application date
US2004149325 AA	20040805	US20030650537	20030828
US2006005869 AA	20060112	US20050199956	20050809
US2006120067 AA	20060608	US20060342745	20060130
US2009056775 AA	20090305	US20080255255	20081021
US2009090404 AA	20090409	US20080240845	20080929
US2012073616 AA	20120329	US20110311887	20111206
US2012325278 AA	20121227	US20120607911	20120910
US6612713 BA	20030902	US20020068424	20020207
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US7021787 BA	20060404	US20020287335	20021101
US7753546 BB	20100713	US20080255255	20081021
US8069868 BB	20111206	US20080240845	20080929
US8375966 BB	20130219	US20110311887	20111206
US8727555 BB	20140520	US20050199956	20050809
US8794781 BB	20140805	US20030650537	20030828

Probable Assignee: WORLD FACTORY INC

Assignee(s):^(std): KUELBS GREGORY G ; WORLD FACTORY INC

Assignee(s): KUELBS JOHN A ; LAKESOUTH HOLDINGS LLC

Inventor(s):^(std): KUELBS GREGORY G

Inventor(s): KUELBS GREGORY

Agent(s): WORLD FACTORY INC C O LAW OFFICES OF JAMES E WALTON PLLC; LAW OFFICES OF JAMES E WALTON PLLC; JAMES E

International class
(IPC 8-9): [A45B11/00](#) [A45B17/00](#) [A45B23/00](#) [A45B25/14](#) [A45B3/00](#) [A45B3/02](#) [A45B3/04](#) [F21V33/00](#)
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[F21S9/03](#) (Advanced/Non-invention);
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[F21S9/00](#) (Core/Non-invention)

International class
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CPC: [F21V21/0824](#) [F21S2/00](#) [F21S9/032](#) [F21W2131/10](#) [F21W2131/109](#) [Y02B20/72](#)
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[A45B25/14](#)

European class: [A45B25/14](#) [A45B25/14A](#) [A45B3/00](#) [A45B3/04](#) [F21S9/03I](#) [F21V21/08S](#) [F21V33/00B](#)
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US class: [135/15.1](#) [135/16](#) [135/16P](#) [135/20.3](#) [135/20.300P](#) [362/102](#) [362/129](#) [362/129P](#) [362/159](#)
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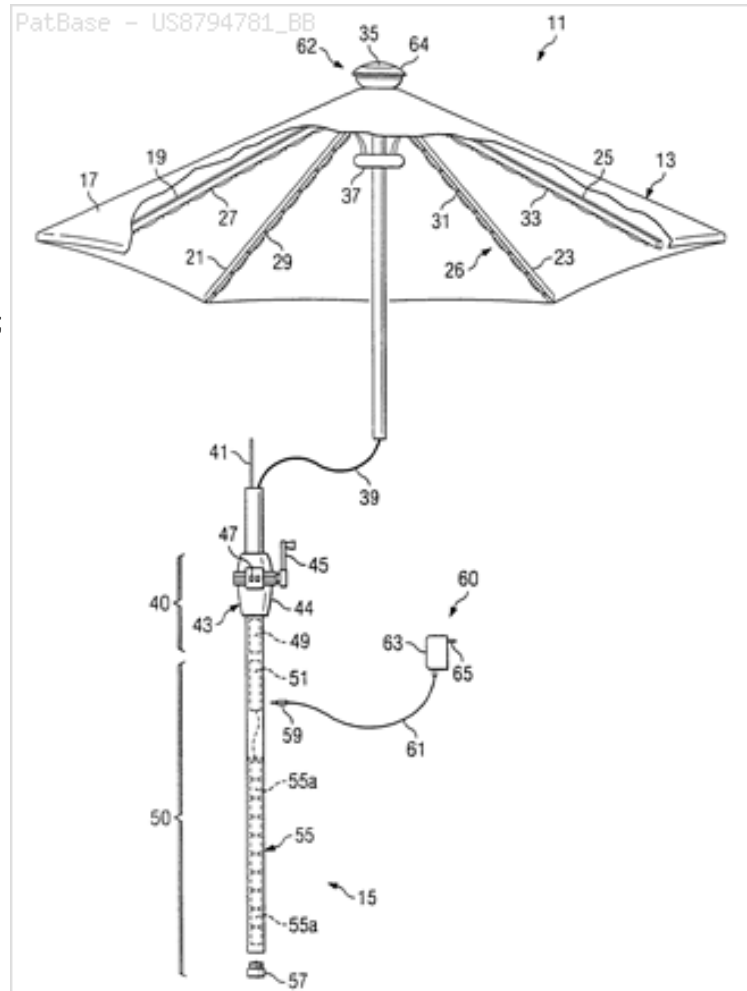
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Abstract:

Source: US2004149325A A lawn or patio umbrella with an integral lighting system that utilizes cold cathode ray tubes, light emitting diodes (LED's), or florescent lights, to provide relatively bright outdoor light for reading and other activities that require relatively high light intensities is provided. In one embodiment, a modular, electrically powered lawn or patio umbrella in which lighting systems, such as those utilizing cold cathode tubes, LED's, or florescent lights; cooling systems, such as those utilizing electric fans or misting systems; and motorized retraction systems; can be selectively interchanged is provided.



31) Family number: 29082095 (US2003173408A)

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Title: ENHANCED IDENTIFICATION APPLIANCE

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN
CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ
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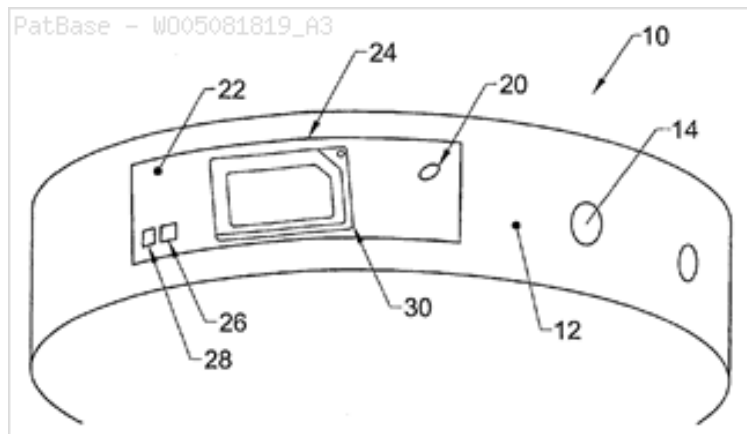
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Abstract:

Source: US2003173408A An enhanced identification appliance, such as a wristband, bracelet, patch, headband, neckband, ankleband, legband, card, sticker, or other wearable appliance, may have a biometric sensor, chemical sensor, optical sensor, heat sensor, pressure sensor, humidity sensor, electromagnetic sensor, acoustic sensor, various opto-electronics and/or various security features such as tamper-evident and tamper-resistant features. The sensors may obtain information about the wearer such as a fingerprint, retina, iris, blood, DNA, genetic data, voice pattern, temperature and other characteristic. Security features include a fastener on the identification appliance, which indicates whether the appliance has been attached to a wearer and if so, enables circuit functions. If one tampers with the appliance, circuit functions may be disabled, certain data erased, and/or evidence of tampering made apparent. The appliance may monitor the location or determine the identity of passengers for an airplane, train, boat, bus, or other vehicle. Alternatively, the identification band may contain a person's immigration status.



Title: AIR SCENTING APPARATUS**Priority:** GB20020006806 20020322 WO2003GB01227 20030321

Family:	Publication number	Publication date	Application number	Application date
	AU2003219287 AA	20031008	AU20030219287	20030321
	EP1492575 A1	20050105	EP20030715092	20030321
	GB200206806 A0	20020501	GB20020006806	20020322
	US2005226788 AA	20051013	US20030508591	20030321
	WO03080131 A1	20031002	WO2003GB01227	20030321

Probable Assignee: SCENT TECHNOLOGIES LTD**Assignee(s):**^(std): AIROAMER LTD ; CLAYTON DEBORAH ; HRYBYK MICHAEL ; NU LIGHT SYSTEMS LTD**Assignee(s):** SCENT TECHNOLOGIES LTD ; AIROAMER LIMITED ; NU LIGHT SYSTEMS LIMITED**Inventor(s):**^(std): CLAYTON DEBORAH ; HRYBYK MICHAEL**Inventor(s):** MICHAEL HRYBYK ; DEBORAH CLAYTON**Agent(s):** WEBB LAW FIRM PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
^(IPC 8-9): [A61L9/12 A61L9/14](#) (Advanced/Invention) ;
[A61L9/12 A61L9/14](#) (Core/Invention)

International class
^(IPC 1-7): [A61L9/012 A61L9/12 A61L9/14](#)

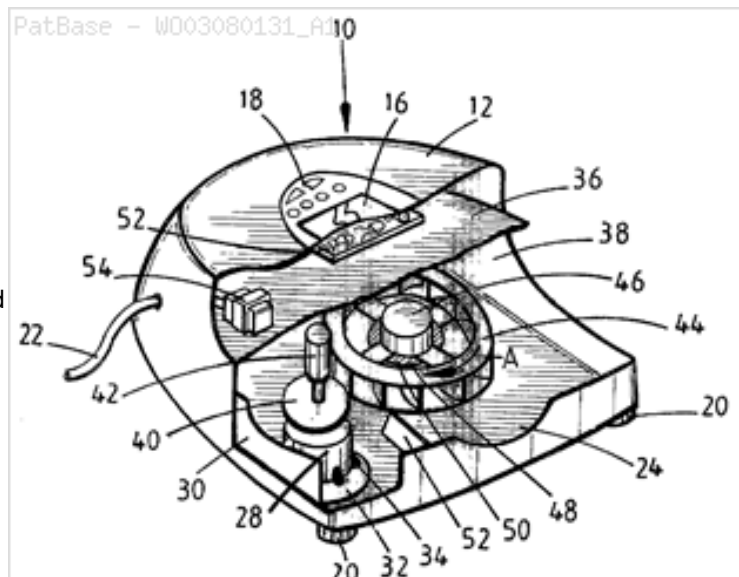
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Cited documents: US6357726 BA, US5328646 A, US5256159 A, US5250265 A, US5230867 A, US4708851 A, US4268285 A, US2686944 A, EP1172119 A2, EP0694311 A1, EP0495631 A2, DE29712821 U1, DE19919884 A1,

Forward Citations: WO09071666, WO07093788, WO07017742, USD556312, USD546931, USD542400, USD541922, US9352064, US9352062, US9149031, US8524158, US8170405, US7955552, US7932482, US7824627, US7734159, US7687744, US7643734, US7589340, US7540432, US7503668, US7281811, US2010243754, US2010044468, US2008085103, US2007290064, FR2901142,

Abstract:

Source: US2005226788A An air scenting apparatus comprising; a chamber, the chamber having at least one air inlet aperture and at least one air outlet aperture; a fan arranged to draw air into the chamber through an inlet aperture and out via an air outlet aperture; and a vessel containing a scenting medium arranged to lie at least partially in the air stream between the air inlet and air outlet apertures. The fan may be a centrifugal fan. The apparatus may be remotely controlled and may enable more than one scent to be delivered.



33) Family number: 30690569 (US2004124711A)

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Title: MOBILE POWER SYSTEM**Priority:** US20020410300P 20020913 US20030661816 20030915 US20070797079 20070430
WO2003US26293 20030915

Family:	Publication number	Publication date	Application number	Application date
	<u>AU2003303105 AA</u>	20040810	AU20030303105	20030915
	<u>AU2003303105 AH</u>	20040810	AU20030303105	20030915
	<u>EP1543242 A2</u>	20050622	EP20030814411	20030915
	<u>US2004124711 AA</u>	20040701	US20030661816	20030915
	<u>US2008068782 AA</u>	20080320	US20070797079	20070430
	<u>US7230819 BB</u>	20070612	US20030661816	20030915
	<u>WO04063567 A2</u>	20040729	WO2003US26293	20030915
	<u>WO04063567 A3</u>	20040923	WO2003US26293	20030915

Probable Assignee: SKYBUILT POWER INC**Assignee(s):^(std):** BIGELOW CHARLES J ; BOCKELMANN GEORGE F ; HULL MICHAEL C ; MUCHOW DAVID J ; SKYBUILT POWER LLC**Assignee(s):** SKYBUILT POWER INC ; TREPTOW JAMES R**Inventor(s):^(std):** BOCKELMANN GEORGE F ; CHARLES J BIGELOW ; DAVID J MUCHOW ; GEORGE F BOCKELMANN ; BIGELOW CHARLES J ; HULL MICHAEL C ; MICHAEL C HULL ; MUCHOW DAVID J**Inventor(s):** BIGELOW CHARLES ; MUCHOW DAVID ; BOCKELMANN GEORGE ; HULL MICHAEL**Agent(s):** FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**International class**
(IPC 8-9): F03D11/04 F03D9/00 H01L31/045 H01L31/058 H02B1/00 H02B1/48 H02J3/00 H02J7/00 H02J9/00 (Advanced/Invention);
F03D11/00 F03D9/00 H01L31/045 H01L31/058 H02B1/00 H02J3/00 H02J7/00 H02J9/00 (Core/Invention)**International class**
(IPC 1-7): F03D11/04 F03D9/00 F03D9/00 H02J7/00 H02J9/00**CPC:** F24J2/523 F03D9/007 Y02B10/30 Y02B10/70 Y02E10/725 Y02E10/47 H02S10/10 H02S30/20 F24J2/5264 Y10T307/336 Y10T307/367 Y10T307/615 Y10T307/625 Y10T307/658**European class:** F03D9/00E H01L31/045 H01L31/058B Y02B10/30 Y02B10/70 Y02E10/50 Y02E10/72H**US class:** 307/22 307/26 307/64 307/64P 307/64S 307/66 307/66S 307/72 361/601 361/601P 361/825[Classification Explorer](#)**Cited documents:** WO9420802 A1, WO03008803 A1, US6914349 BB, US6791206 BA, US6783032 BB, US6740988 BB, US6426606 BA, US6396239 BA, US6394359 BA, US6388869 BA, US6380481 BA, US5969501 A, US5855692 A, US5379596 A, US5350138 A, US5338369 A, US5317857 A, US5184502 A, US5111127 A, US4633767 A, US4553037 A, US4421943 A, US4261329 A, US4159427 A, US4117342 A, US2009212157 AA, US2006137348 AA, US2003230934 AA, US2003038610 AA, US2002171391 AA, US2002121781 AA, US2002114983 AA, JP9195534 A2, GB2158219 A1, FR2614368 A1, ES2119687 AA, EP0240962 A1, EP0237445 A1, DE9321520 U, DE3405466 A1, DE19646612 C1, DE10000874 A1,**Forward Citations:** WO16113287, WO16091711, WO16073013, WO15038697, WO14128475, WO14108712, WO14096945, WO13006164, WO12001675, WO10134855, WO10125547, WO10093545,

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JP2014030028, ITTV20110101, ITRM20080460, ITGE20110144, GB2529806,
GB2501692, GB2480626, GB2451466, FR2990498, ES2319086, EP3016240,
EP2824796, EP2822178, EP2727153, EP2642120, EP2313330, EP2313330, EA008408,
DE102006041659, CN105529632, CN103963661, CN103891130, CN103692919,
AU2008231261,

Source: US2004124711A A mobile power system for producing power at a desired location includes a first power generating device of a first type coupled to a transportable housing, and a second power generating device of a second type coupled to the transportable housing. The first type of power generating device is different than the second type of power generating device. According to an exemplary embodiment, the mobile power system may provide easy access to different types of power outputs. Further, the housing may have the approximate size of a standard freight container.

WO 2004/063567

PC17US2003026293

FIG. 1

34) Family number: 30734168 (US2004140001A)

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Title:	METHOD OF FABRICATING AN OPTICAL CONCENTRATOR FOR A PHOTOVOLTAIC SOLAR CELL			
Priority:	AU20040205946 20040121 US20030348253 20030121	AU20100201311 20100401 WO2004CA00187 20040121	EP20040703739 20040121 US20050135080 20050523	
Family:	Publication number	Publication date	Application number	Application date
	AT556437 E	20120515	AT20040703739T	20040121
	AU2004205946 AA	20040805	AU20040205946	20040121
	AU2010201311 AA	20100422	AU20100201311	20100401
	AU2010201311 BB	20110811	AU20100201311	20100401
	CA2513946 AA	20050721	CA20042513946	20040121
	CA2513946 C	20130115	CA20042513946	20040121
	CN1751397 A	20060322	CN200480004618	20040121
	CN1751397 B	20110518	CN200480004618	20040121
	DE602004037596 D1	20120705	DE200460037596T	20040121
	EP1586121 A1	20051019	EP20040703739	20040121
	EP1586121 B1	20120502	EP20040703739	20040121
	JP2006515717 T2	20060601	JP20060500444T	20040121
	JP5160781 B2	20130313	JP20060500444T	20040121
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	US2005217721 AA	20051006	US20050135080	20050523
	US6897085 BB	20050524	US20030348253	20030121
	US7312097 BB	20071225	US20050135080	20050523
	WO04066399 A1	20040805	WO2004CA00187	20040121
Probable Assignee:	ATS AUTOMATION TOOLING SYSTEMS INC			
Assignee(s):^(std):	AUTOMATION TOOLING SYST ; HAMMERBACHER MILFRED DALE ; RIVOLLIER FREDERIC ; HAMMERBACHER MILFRED D ; SHARROCK PAUL R ; STEVENS GARY DON ; SHARROCK PAUL RAY ; WULLUR ALINE ; SPHERAL SOLAR POWER INC ; STEVENS GARY D			
Assignee(s):	ATS AUTOMATION TOOLING SYSTEMS INC			
Inventor(s):^(std):	FREDERIC HAMMERBACHER MILFRED ; DON STEVENS GARY ; FREDERIC RIVOLLIER ; HAMMERBACHER MILFRED DALE ; HAMMERBACHER MILFRED D ; ALINE WULLUR ; DALE HAMMERBACHER MILFRED ; HAMMERBACHER MILFRED ; STEVENS GARY DON ; SHARROCK PAUL RAY ; WULLUR ALINE ; RIVOLLIER FREDERIC ; STEVENS GARY D ; SHARROCK PAUL R ; RAY SHARROCK PAUL ; STEVENS GARY ; SHARROCK PAUL			
Inventor(s):	RIVOLLIER FREDERIC KITCHENER ; STEVENS GARY DON KITCHENER ; WULLUR ALINE KITCHENER ; SHARROCK PAUL RAY CAMBRIDGE ; MILFRED DALE HAMMERBACHER ; PAUL RAY SHARROCK ; HAMMERBACHER MILFRED DALE STEVENS GARY DON SHARROCK PAUL RAY WULLUR ALINE RIVOLLIER FREDERIC ; HAMMERBACHER MILFRED DALE WATERLOO ; GARY DON STEVENS ; HAMMERBACHER MILFRED DALE STEVENS GARY DON SHARROCK ; HAMMERBACHER MILFRED DALE STEVENS GARY DON			
Agent(s):	DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SIM AND MCBURNEY; MARKS AND CLERK LUXEMBOURG LLP; NAISMITH ROBERT STEWART; BAKER AND DANIELS LLP 111 E WAYNE STREET; BAKER AND DANIELS; BAKER AND DANIELS LLP			
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA			

ZM ZW

International class (IPC 8-9): C23C16/40 H01L21/00 H01L31/0216 H01L31/0352 H01L31/04 H01L31/042 (Advanced/Invention);
C23C16/40 H01L21/00 H01L31/0216 H01L31/0248 H01L31/04 H01L31/042 (Core/Invention)

International class (IPC 1-7): H01L21/00 H01L25/00 H01L31/00 H01L31/0216 H01L31/0352 H01L31/042

CPC: H01L31/02008 H01L31/0547 H01L31/02168 Y02E10/52 H01L31/035281

European class: H01L31/0216B3B H01L31/0352C2 H01L31/042 Y02E10/52

US class: 136/244 136/246 136/25 136/250 136/259 257/E31.038 438/63 438/73 438/98

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Cited documents: US6897085 BB, US6407327 BA, US6355873 BA, US6329296 BA, US6294822 BA, US6294723 BB, US6204545 BA, US6198037 BA, US6188012 BA, US6156967 A, US5785768 A, US5698451 A, US5498576 A, US5486494 A, US5482568 A, US5360491 A, US5081069 A, US4957601 A, US4957601, US4909856 A, US4610077 A, US4361598 A, US3025335 A, US294723 A, US2002096207 AA, US2002096206 AA, US2002023675 AA, JP2001210843 A2, JP2001210843, JP2001185744 A2, JP2001185744, JP10503058 T2, JP10503058, EP1255303 A1,

Forward Citations: WO09075708, WO09017532, WO09017532, WO08050931, US9394604, US8617641, US8597971, US8450594, US8445774, US8338690, US7312097, US2016148818, US2014308521, US2011108101, US2010206370, US2010206361, US2009025777, US2009025776, US2006185716, US2006180879, US2005217721, KR101336075, KR101325572, JP2008034643, JP2005317667, EP1693903, CN105140321, CN105140321,

Abstract:

Source: US2004140001A A method of fabricating a photovoltaic solar cell is provided. A plurality of generally spherical semiconductor elements are provided. Each of the semiconductor elements has a core and an outer surface forming a p-n junction. An anti-reflection coating is deposited on the outer surface of each of the semiconductor elements and each of the semiconductor elements is bonded into a perforated aluminum foil array thereby providing ohmic contact to a first side of the p-n junction. The anti-reflection coating is removed from a portion of each of the semiconductor elements and then the core is exposed, thereby allowing ohmic contact to be made to a second side of the p-n junction.

PatBase - W004066399_A1

WD 2004066399

PC:HCAS004001007

1/5

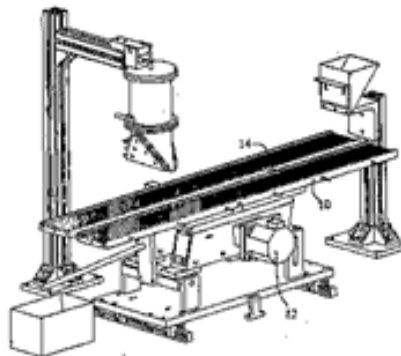


FIG. 1

35) Family number: 28532363 (WO04084981A1)

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Title: PORTABLE RESUSCITATION SYSTEM**Priority:** GB20030006599 20030324

Family:	Publication number	Publication date	Application number	Application date
	GB200306599 A0	20030430	GB20030006599	20030324
	GB200406603 A0	20040428	GB20040006603	20040324
	<u>GB2400326 A1</u>	20041013	GB20040006603	20040324
	<u>GB2400326 B2</u>	20060607	GB20040006603	20040324
	<u>WO04084981 A1</u>	20041007	WO2004GB01291	20040324

Probable Assignee: NUTEC MEDICAL LTD**Assignee(s):^(std):** DONALD ELLIS ; MOORE ROBIN ; NUTEC MEDICAL LTD**Assignee(s):** NUTEC MEDICAL LIMITED**Inventor(s):^(std):** DONALD ELLIS ; ELLIS DONALD ; MOORE ROBIN ; MORE ROBIN STANLEY**Inventor(s):** ROBIN MOORE ; ROBIN STANLEY MORE

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): A61M16/00 A62B25/00 A62B7/02 A62B9/04 (Advanced/Invention);
A61M1/00 (Advanced/Non-invention)

International class
(IPC 1-7): A61M16/00 A62B25/00 A62B7/02 A62B9/04

CPC: A61M16/00 A61M1/0023 A61M1/0076 A61M2202/0208 A61M2209/084 A62B7/02 A62B9/04 A62B25/00

European class: A61M16/00 A62B25/00 A62B7/02 A62B9/04 K61M1/00H K61M1/00P8 K61M202/02A K61M209/08B

[Classification Explorer](#)

Cited documents: WO8100675 A1, WO0164264 A1, US4319570 A, US4204535 A, US4169550 A, US3598117 A, US3181756 A, US2122897 A, US2002042952 AA, US2002030994 AA, GB702083 A, GB1454795 A,

Forward Citations: WO10109206, WO10109206, WO08081139, WO08081139, WO07045905, US9237928, US9101788, GB2487959, FR2910362, EP1977712, AU2008201525,

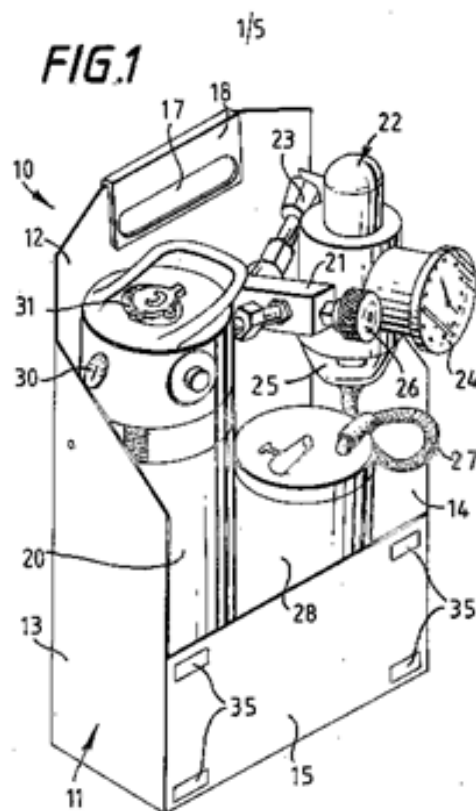
Abstract:

A portable resuscitation system (10) that comprises a base unit (11), a lightweight oxygen cylinder (20), a suction device (22) driven by pressurised gas from the oxygen cylinder and a suction jar (28) for receiving material collected by the suction device. A manifold (21) operatively connects the oxygen cylinder (20) and the suction device (22) and pressurised gas will flow through the manifold and also provide oxygen to an oxygen supply means for delivering oxygen for breathing by a patient. The manifold is connected to the base unit and all other components are directly connected to the base unit or indirectly connected to the base unit through the manifold. The base unit is adapted to define a manual carrying handle (18), and to protect at least to some degree the other components from damage.

PatBase - W004084981_A1

W/O 2004/084981

IPC1/C02D004/001239



SUBSTITUTE SHEET (RULE 26)

36) Family number: 31468330 (JP2004342568A)

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Title: LIGHT EMITTING HOLDER**Priority:** JP20030171410 20030513

Family:	Publication number	Publication date	Application number	Application date
	<u>JP2004342568 A2</u>	20041202	JP20030171410	20030513

Probable Assignee: NAKAZAWA HIDEO**Assignee(s):^(std):** NAKAZAWA HIDEO**Inventor(s):^(std):** NAKAZAWA HIDEO

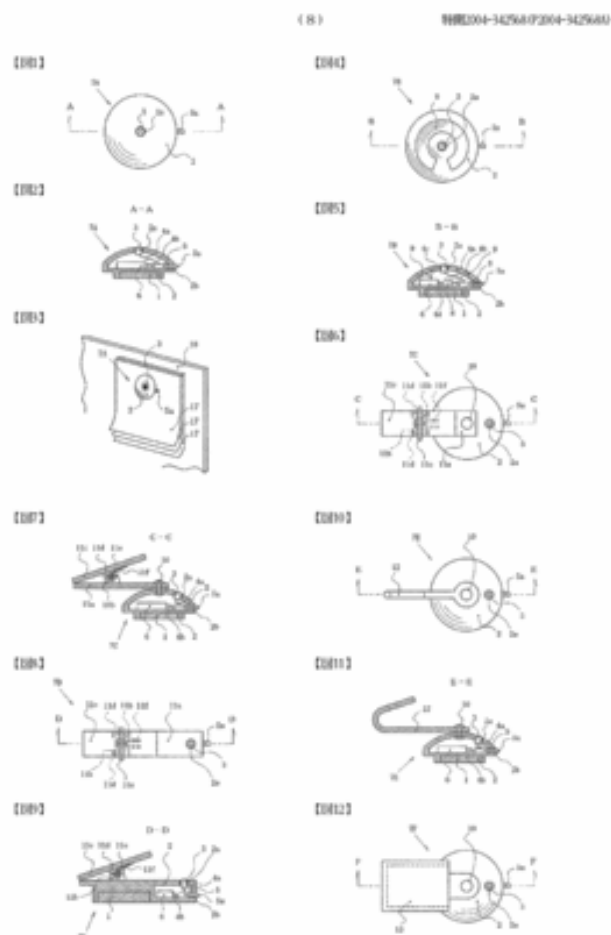
International class
(IPC 8-9): F21L13/00 F21L4/00 F21V21/00 F21V21/08 F21V21/084 F21V21/088 F21V21/096
F21V33/00 (Advanced/Invention);
F21Y101/02 (Advanced/Non-invention);
F21L13/00 F21L4/00 F21V21/00 F21V21/08 F21V33/00 (Core/Invention)

International class
(IPC 1-7): F21L13/00 F21L4/00 F21V21/00 F21V21/08 F21V21/084 F21V21/088 F21V21/096
F21V33/00

[Classification Explorer](#)**Forward Citations:** KR100827889, KR100781903, JP2013175385, CN104494329, CN103528012,**Abstract:**

Source: JP2004342568A PROBLEM TO BE SOLVED: To obtain a light emitting holder which can be made to attract attention by making it more outstanding and attractive by attaching light-emitting diodes and electric bulbs or the like to magnets, components with pressure-sensitive adhesive, clips, accessory cases, hooks or the like attached to a white board and furniture or the like. SOLUTION: This light emitting holder is constituted of the magnets, a holder body attached with these magnets, light-emitting materials such as light-emitting diodes and the electric bulbs, and the power supply such as batteries and solar panels or the like to supply electricity to those light-emitting materials.

PatBase - JP2004342568_A2



37) Family number: 31385293 (US2004249417A)

© PatBase

Title: IMPLANTABLE INTRAVASCULAR DEVICE FOR DEFIBRILLATION AND/OR PACING

Priority: AU20040251673 20040604 AU20100200709 20100225 EP20040754293 20040604
 US20030453971 20030604 US20030454223 20030604 US20030515746P 20031030
 US20030516026P 20031031 EP20050722861 20050210 EP20070763673 20070202
 US20050055540 20050210 US20060443841 20060531 US20060765420P 20060203
 US20070702000 20070202 US20070980006 20071030 US20040634585P 20041209
 US20040977060 20041029 US20040862113 20040604 US20030525332P 20031126
 US20030525336P 20031126 US20040543260P 20040210 US20050545223 20050810
 WO2007US02932 20070202 US20080251216 20081014 US20090506232 20090720
 US20100908086 20101020 US20110294140 20111110 WO2005US04063 20050210
 WO2004US17650 20040604 US20140262673 20140425

Family:

Publication number	Publication date	Application number	Application date
AT534426 E	20111215	AT20050722861T	20050210
AU2004251673 AA	20050106	AU20040251673	20040604
AU2004251673 BB	20100128	AU20040251673	20040604
AU2005212341 AA	20050825	AU20050212341	20050210
AU2005212341 BB	20111124	AU20050212341	20050210
AU2007212587 AA	20070816	AU20070212587	20070202
AU2007212587 BB	20120712	AU20070212587	20070202
AU2010200709 AA	20100318	AU20100200709	20100225
CA2527909 AA	20051130	CA20042527909	20040604
CA2553681 AA	20060717	CA20052553681	20050210
CA2637787 AA	20080721	CA20072637787	20070202
DE602004046178 D1	20141231	DE200460046178T	20040604
DE602005031343 D1	20120202	DE200560031343T	20050210
DE602007041441 D1	20150625	DE200760041441T	20070202
EP1633434 A2	20060315	EP20040754293	20040604
EP1633434 B1	20141119	EP20040754293	20040604
EP1718359 A2	20061108	EP20050722861	20050210
EP1718359 B1	20111123	EP20050722861	20050210
EP1981584 A1	20081022	EP20070763673	20070202
EP1981584 B1	20150513	EP20070763673	20070202
JP2006526483 T2	20061124	JP20060515174T	20040604
JP2007521921 T2	20070809	JP20060553200T	20050210
JP2009538634 T2	20091112	JP20080553377T	20070202
JP4616252 B2	20110119	JP20060515174T	20040604
JP4680939 B2	20110511	JP20060553200T	20050210
JP5256048 B2	20130807	JP20080553377T	20070202
US2004249417 AA	20041209	US20030454223	20030604
US2004249431 AA	20041209	US20030453971	20030604
US2005043765 AA	20050224	US20040862113	20040604
US2005228471 AA	20051013	US20040977060	20041029
US2005234431 AA	20051020	US20050055540	20050210
US2006224225 AA	20061005	US20060443841	20060531
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US2009048583 AA	20090219	US20080251216	20081014
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<u>US2012059431 AA</u>	20120308	US20110294140	20111110
<u>US2015018908 AA</u>	20150115	US20140262673	20140425
<u>US7082336 BB</u>	20060725	US20030454223	20030604
<u>US7529589 BB</u>	20090505	US20040862113	20040604
<u>US7617007 BB</u>	20091110	US20040977060	20041029
<u>US7734343 BB</u>	20100608	US20060443841	20060531
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<u>US7899554 BB</u>	20110301	US20070980006	20071030
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<u>US8239045 BB</u>	20120807	US20030453971	20030604
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<u>US9545512 BB</u>	20170117	US20140262673	20140425
<u>WO05000398 A2</u>	20050106	WO2004US17650	20040604
<u>WO05000398 A3</u>	20050407	WO2004US17650	20040604
<u>WO05077450 A2</u>	20050825	WO2005US04063	20050210
<u>WO05077450 A3</u>	20061123	WO2005US04063	20050210
<u>WO05077450 C2</u>	20050929	WO2005US04063	20050210
<u>WO07092330 A1</u>	20070816	WO2007US02932	20070202

Probable Assignee: INTERVENTIONAL AUTONOMICS CORP

Assignee(s):^(std): ELLIOTT LYNN ; FIFER DAN ; FIFER DANIEL W ; GLENN RICHARD A ; HOLBROOK KEVIN ; RANSBURY TERRANCE ; SYNECOR ; SYNECOR LLC ; N DIAYE COLLEEN STACK ; STACK RICHARD S ; N DIAYE COLLEEN S ; INTERVENTIONAL AUTONOMICS CORP ; WILLIAMS MICHAEL S

Assignee(s): SYNECOR LLC DURHAM ; INTERVENTIONAL AUTONOMICS CORP DURHAM ; SYNECOR INC

Inventor(s):^(std): DIAYE COLLEEN STACK N ; ELLIOTT LYNN ; FIFER DAN ; FIFER DANIEL W ; GLENN RICHARD A ; HOLBROOK KEVIN ; KEVIN HOLBROOK ; MICHAEL S WILLIAMS ; N DIAYE COLLEEN S ; N DIAYE COLLEEN STACK ; RANSBURY TERRANCE ; TERRANCE RANSBURY ; WILLIAMS MICHAEL ; WILLIAMS MICHAEL S ; STACK RICHARD S

Inventor(s): STACK RICHARD S CHAPEL HILL ; WILLIAMS MICHAEL S SANTA ROSA ; RANSBURY TERRANCE CHAPEL HILL ; RICHARD A GLENN ; RICHARD S STACK ; STACK RICHARD ; N DIAYE COLLEEN STACK HILLSBOROUGH ; N'DIAYE COLLEEN STACK ; N DIAYE COLLEEN ; LYNN ELLIOTT ; HOLBROOK KEVIN CHAPEL HILL ; HOLBROOK KEVIN DURHAM ; GLENN RICHARD ; FIFER DAN DURHAM ; FIFER DANIEL ; ELLIOTT LYNN MAPLE GROVE ; COLLEEN STACK N DIAYE ; DAN FIFER

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; SMART AND BIGGAR; 2K PATENTANWAELE BLASBERG KEWITZ AND REICHEL PARTNERSCHAFT; 2K PATENTANWAELE BLASBERG KEWITZ AND REICHEL PARTNERSCHAFT MBB; MILLBURN JULIE ELIZABETH; JACKSON DAVID SPENCE; SUGIYAMA NAOTO; SHIROGANE HIROSHI; HOSHI TAKAKO; AKAMATSU TOSHIKI; YAMASAKI YUKUZO; STALLMAN AND POLLOCK LLP ATTN KATHLEEN A FROST; STALLMAN AND POLLOCK LLP; SYNECOR LLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): A61B19/00 A61B5/00 A61F2/82 A61F2/84 A61K9/22 A61K9/24 A61M25/04 A61M31/00 A61M37/00 A61M5/00 A61M5/142 A61N1/00 A61N1/02 A61N1/05 A61N1/18 A61N1/36 A61N1/362 A61N1/372 A61N1/375 A61N1/378 A61N1/39 (Advanced/Invention); A61B5/00 A61B5/0215 A61F2/00 A61F2/06 A61F2/82 A61M5/142 A61M5/172 A61N1/05 A61N1/372 (Advanced/Non-invention); A61M31/00 A61N1/05 A61N1/36 A61N1/362 (Core/Invention); A61M5/142 A61N1/05 A61N1/372 (Core/Non-invention)

International class A61B5/00 A61K9/22 A61K9/24 A61M31/00 A61M5/142 A61N1/05 A61N1/36 A61N1/362 A61N1/375

CPC: A61M5/14236 A61N1/056 A61N1/3605 A61N1/36082 A61N1/36114 A61N1/05 A61N1/0529 A61N1/0531 A61N1/0534 A61N1/0551 A61N1/36071 A61N1/36117 A61N1/3627 A61N2001/0585 A61N1/057 A61N1/375 A61N1/37205 A61M5/14216 A61M25/04 A61B5/0215 A61B5/145 A61B5/14532 A61F2/82 A61F2250/0068 A61M5/14232 A61M5/14276 A61M5/172 A61M2205/3523

European class: A61M25/04 A61M5/142M A61M5/142P10 A61N1/05 A61N1/05N4 A61N1/36Z A61N1/36Z3E A61N1/36Z3J A61N1/375 K61B5/0215 K61B5/145 K61B5/145G K61F2/06S K61F2/82 K61F250/00W5R K61M205/35E2 K61M5/142G10 K61M5/142G8 K61M5/172 K61N1/05K1 K61N1/05K1C K61N1/05K1D K61N1/05L K61N1/05N K61N1/05N4 K61N1/05N6 K61N1/362C K61N1/36E K61N1/36F4 K61N1/36Z K61N1/36Z3C K61N1/36Z3J1 K61N1/372A

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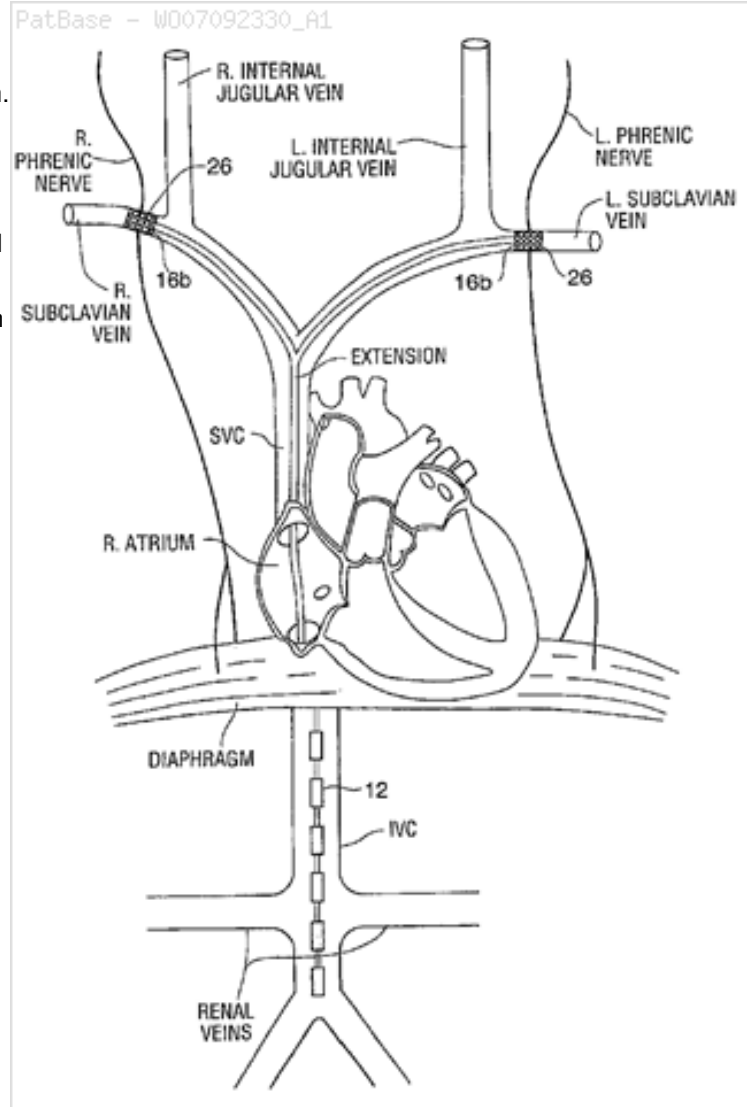
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Abstract:

Source: US2004249417A The present application describes an intravascular implantable pacing and/or defibrillation system. The described system includes a pulse generator that is implantable within a blood vessel and proportioned to blood flow through the blood vessel, and at least one lead attachable to the pulse generator. During implantation, the pulse generator is introduced into a patient's vasculature, advanced to a desired vessel and anchored in place within the vessel. The lead or leads are placed within the heart or surrounding vessels as needed to deliver electrical pulses to the appropriate location.



0) WO05005827A1 – ELECTROMAGNETIC PISTON FOR WATER–PUMPING WINDMI...

38) Family number: 31478635 (WO05005827A1)

© PatBase

Title: ELECTROMAGNETIC PISTON FOR WATER–PUMPING WINDMILLS

Priority: ES20030001670 20030707

Family:	Publication number	Publication date	Application number	Application date
	<u>WO05005827 A1</u>	20050120	WO2004ES00302	20040628

Probable Assignee: COUCEYRO MARIANA

Assignee(s):^(std): COUCEYRO ADRIENNE ; COUCEYRO JUAN CARLOS ; COUCEYRO MARIANA

Inventor(s):^(std): COUCEYRO JUAN CARLOS

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
^{(IPC 8-9):} F03D9/00 F03D9/02 H02K35/02 H02K7/18 (Advanced/Invention);
F03D9/00 H02K35/00 H02K7/18 (Core/Invention)

International class
^{(IPC 1-7):} F03D9/00 H02K35/02

CPC: H02K7/1892 H02K35/02 Y02E10/725 F03D9/11 F03D9/25 F03D9/28

European class: F03D9/00B F03D9/00C F03D9/02B H02K35/02 H02K7/18C Y02E10/72H

[Classification Explorer](#)

Cited documents: USB3696251, US5366342 A, US3696251 A, GB1271490 A, ES8802633 A1, ES8103516 A1, ES329208, ES2073971 AA, EP0909008 A2,

Abstract:

The invention relates to a device which is used to store electrical power in batteries. The inventive device is associated with a rural windmill and operates without interrupting the water-pumping function thereof. The device comprises: a magnetic piston (1) having one end which is connected to the rod of the pumping element of the windmill and one end which is connected to the machine output of the mill; and a stator (2) which is fixed to the tower of the mill using fixing means (6, 7), the magnetic piston (1) moving axially and alternately inside said stator. The invention also relates to the rural windmill which comprises the aforementioned device in order to generate electricity and to the use of the electricity generated thereby.

PatBase - W005005827_A1

W0 2005/005827

PCT/ES2004/000302

1 / 2

FIG.1

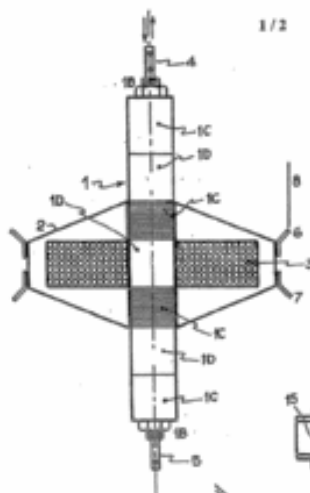
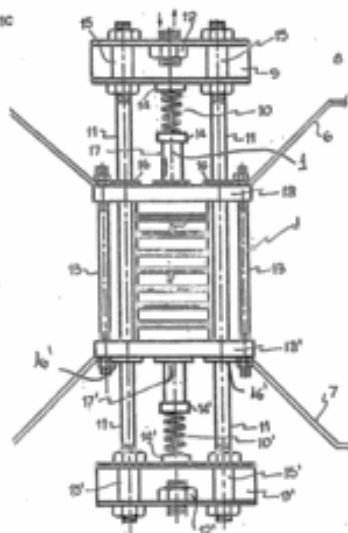


FIG.2



HOJA DE SUSTITUCION (REGLA 26)

39) Family number: 30201633 (GB2408395A)

© PatBase

Title: Cylindrical solar street light**Priority:** GB20030027287 20031124

Family:	Publication number	Publication date	Application number	Application date
	GB200327287 A0	20031224	GB20030027287	20031124
	<u>GB2408395 A1</u>	20050525	GB20030027287	20031124

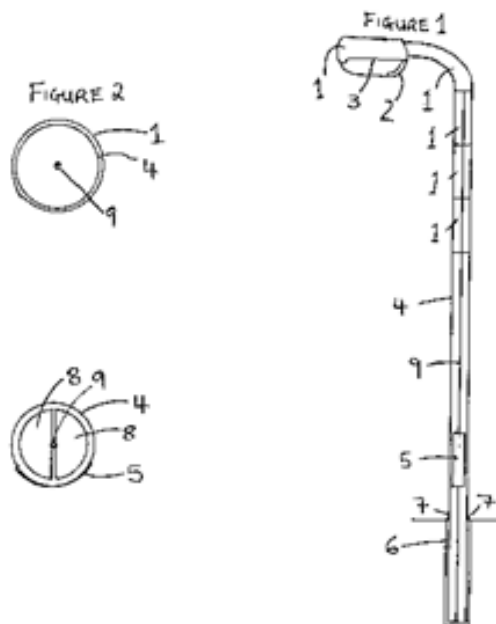
Probable Assignee: MCVELIA JOHN C**Assignee(s):^(std):** FRAY ROBERT F ; FRAY ROBERT FRANCIS ; MCVELIA JOHN C ; MCVELIA JOHN CARLSON**Assignee(s):** ROBERT FRANCIS FRAY ; JOHN CARLSON MCVELIA**Inventor(s):^(std):** FRAY ROBERT FRANCIS ; MCVELIA JOHN CARLSON**Inventor(s):** ROBERT FRANCIS FRAY ; JOHN CARLSON MCVELIA**International class**
(IPC 8-9): F21S8/08 F21S9/03 F21V23/04 (Advanced/Invention);
F21S8/00 (Advanced/Non-invention)**International class**
(IPC 1-7): F21S9/03**CPC:** F21S8/086 F21S9/037 F21V21/10 F21V23/0435 F21W2131/10 F21W2131/103
H05B37/0272 H05B37/034 Y02B10/10 Y02B20/72**European class:** F21S8/08H2 F21S9/03W F21V23/04R H05B37/02B6R H05B37/03P2 R21V21/10
R21W131/10 R21W131/103 Y02B10/10 Y02B20/72[Classification Explorer](#)**Cited documents:** WO9620369 A1, WO02101285 A1, US4200904 A, JP2000290977 A2, JP2000160518 A2, GB2344382 A1, DE20314431 U1,**Forward Citations:** WO13093402, WO12108800, WO12045467, WO12045467, WO10150193, WO08125711, WO08012114, US9562659, US8970438, US8777444, US8714768, US8632204, US2013265786, RU2593383, ITRM20090352, ITRM20090276, GB2497958, GB2464288, GB2464288, FR2981730, ES2315165, EP2508792, EP2273557, EP2273557, EP1885162, EP1852649, EP1818605, EP1818605, CN104976576, CN104976576, CN104696870, CN103348180, CN102459999, CN102459999,

Abstract:

Source: GB2408395A A Solar Street Light includes a street lighting pole 4, a lighting bulk head 1 and includes a magnifying section, 2 which reflects light from the lamp onto the cylindrical solar panels, 1 which are around the circumference of the main lighting pole 4. The lighting pole, 4 is fixed and stabilised in a pole foundation, 6. There is an access door in the side of the lighting pole, 5 that encloses the two semi circular batteries, 8. The semi circular shape enables easy accessibility when being installed or replaced. A tension wire, 9 can be fitted inside the lighting pole, 4. The streetlights in each zone will be turned on using mobile telephone technology. Each light fitting in a zone will have an identical receiver which when phoned/contacted will activate a switch in each light simultaneously. They can all be turned off using the same system.

PatBase - GB2408395_A1

1/1



40) Family number: 43907730 (US2006022214A)

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Title: LED PACKAGE METHODS AND SYSTEMS

Priority: US20040586939P 20040708 US20040588090P 20040715 US20050178214 20050708

Family:

Publication number	Publication date	Application number	Application date
US2006022214 AA	20060202	US20050178214	20050708
US7646029 BB	20100112	US20050178214	20050708

Probable Assignee: PHILIPS LIGHTING NORTH AMERICA CORP

Assignee(s):^(std): COLOR KINETICS INC ; PHILIPS SOLID STATE LIGHTING

Assignee(s): PHILIPS SOLID STATE LIGHTING SOLUTIONS INC ; PHILIPS LIGHTING NORTH AMERICA CORP

Inventor(s):^(std): DOWLING KEVIN J ; LYS IHOR A ; MORGAN FREDERICK M ; MUELLER GEORGE G

Inventor(s): MUELLER GEORGE ; MORGAN FREDERICK ; LYS IHOR ; DOWLING KEVIN

Agent(s): FOLEY HOAG LLP, PATENT GROUP WORLD TRADE CENTER WEST; FOLEY HOAG LLP PATENT GROUP WORLD TRADE CENTER WEST

International class
(IPC 8-9): [F21K99/00](#) [H01L21/00](#) [H01L29/161](#) [H01L33/00](#) (Advanced/Invention);
[H01L21/00](#) [H01L29/02](#) [H01L33/00](#) (Core/Invention)

CPC: [H05B33/0803](#) [F21S48/325](#) [F21S48/328](#) [H01L25/167](#) [H05B33/0815](#) [H05B33/0818](#)
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[Y02B20/346](#) [H05K1/0306](#) [H05K2201/10106](#) [H01L2224/73265](#) [H01L2924/1461](#) [F21K9/00](#)

European class: [F21K9/00](#) [F21S48/32F2](#) [F21S48/32P](#) [H05B33/08D](#) [H05B33/08D1C4](#) [H05B33/08D1C4H](#)
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US class: [257/100](#) [257/100S](#) [257/13](#) [257/84](#) [257/98](#) [257/98S](#) [257/99](#) [257/99P](#) [257/E25.032](#)
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[Classification Explorer](#)

Cited documents: US7015825 BB, US6975079 BB, US6969954 BB, US6967448 BB, US6965205 BB, US6936978 BB, US6897624 BB, US6888322 BB, US6885035 BB, US6883929 BB, US6869204 BB, US6806659 BA, US6801003 BB, US6788011 BB, US6781329 BB, US6777891 BB, US6774584 BB, US6720745 BB, US6717376 BB, US6624597 BB, US6614103 BA, US6608453 BB, US6577080 BB, US6548967 BA, US6528954 BA, US6459919 BA, US6369525 BA, US6340868 BA, US6292901 BA, US6211626 BA, US6208073 BA, US6166496 A, US6150774 A, US6016038 A, US5847593 A, US4967330 A, US2007120135 AA, US2007001177 AA, US2005276053 AA, US2005275626 AA, US2005253533 AA, US2005236998 AA, US2005236029 AA, US2005231133 AA, US2005219872 AA, US2005218870 AA, US2005218838 AA, US2005213353 AA, US2005213352 AA, US2005179041 AA, US2005151489 AA, US2005116667 AA, US2005099824 AA, US2005006754 AA, US2004212993 AA, US2004212321 AA, US2004212320 AA, US2004206970 AA, US2004179793 AA, US2004178751 AA, US2004130909 AA, US2004116039 AA, US2004113568 AA, US2004105264 AA, US2004105261 AA, US2004100204 AA, US2004090787 AA, US2004090191 AA, US2004061106 AA, US2004052076 AA, US2004036006 AA, US2003222587 AA, US2003133292 AA, US2003100837 AA, US2003076281 AA, US2003057887 AA, US2003057884 AA, US2003028260 AA, US2003011538 AA, US2002176259 AA, US2002158583 AA, US2002152045 AA, US2002145869 AA, US2002145394 AA, US2002130627 AA, US2002122309 AA, US2002078221 AA, US2002074559 AA, US2002070688 AA, US2002048169 AA, US2002044066 AA, US2002038157 AA, US2001032985 AA,

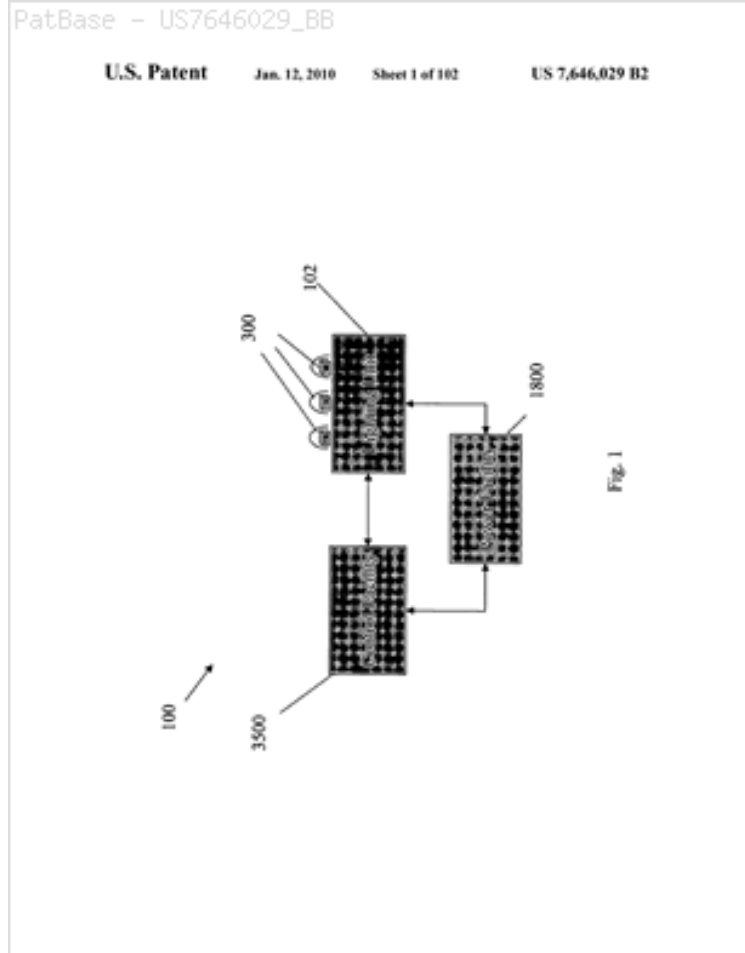
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Abstract:

Source: US2006022214A Methods and systems are provided for LED modules that include an LED die integrated in an LED package with a submount that includes an electronic component for controlling the light emitted by the LED die. The electronic component integrated in the submount may include drive hardware, a network interface, memory, a processor, a switch-mode power supply, a power facility, or another type of electronic component.



41) Family number: 32582807 (WO06010235A1)

© PatBase

Title: URGAN ORGANIZING SHELTER

Priority: BR2004PI03116 20040730 BR2004PI03116 20040730

Family:	Publication number	Publication date	Application number	Application date
	BRPI0403116 A	20060314	BR2004PI03116	20040730
	WO06010235 A1	20060202	WO2005BR00134	20050722

Probable Assignee: LEVY RICARDO ERNESTO

Assignee(s):^(std): LEVY RICARDO ERNESTO

Assignee(s): RICARDO ERNESTO LEVY

Inventor(s):^(std): LEVY RICARDO ERNESTO

Inventor(s): RICARDO ERNESTO LEVY

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): [E04H1/02](#) (Advanced/Invention);
[E04H1/02](#) (Core/Invention)

International class
(IPC 1-7): [E04B1/344](#) [E04H1/02](#) [E04H15/50](#)

CPC: [E04H1/02](#)

European class: [E04H1/02](#)

[Classification Explorer](#)

Cited documents: GB190910061 A, DE953914 A,

Abstract:

The present summary refers to a patent of invention for an urban organizing shelter, included in the field of civil construction and comprising at least two equal parallel pantographic bearing structures (1), (1'), located within an appropriate distance from each other to define the useful space of the shelter; by a set of crosswise structural elements settled between said pantographic structures, crosswise axes (10) and beams (11); by internal division (20) and front (23) walls already incorporating components as per their position in the work; floors (21); stairs-beds panel (22) hinged to the crosswise elements; by a set of external side walls (30) to close the spaces of the pantographic structures; by a roofing set constituted by originally disassembled plates (40) of the pantographic structures and which are assembled on it by means of screws or similar; by sets of installation elements; by sets of parts for use (110); by a set of elements of basic furniture (120); and by appropriate foundations (130) to receive lower corners of the pantographic bearing structures (1), (1') and which are built in the ground.

PatBase - W006010235_A1

W0 2006/010235

1/7

PCT/BR2005/000134

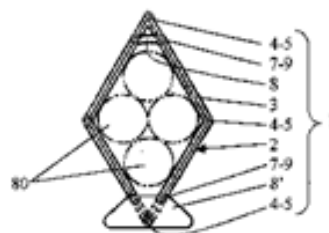


FIG. 1



FIG. 2



FIG. 3

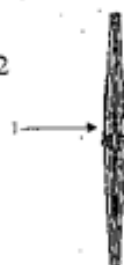


FIG. 4

42) Family number: 43907754 (WO06023149A2)

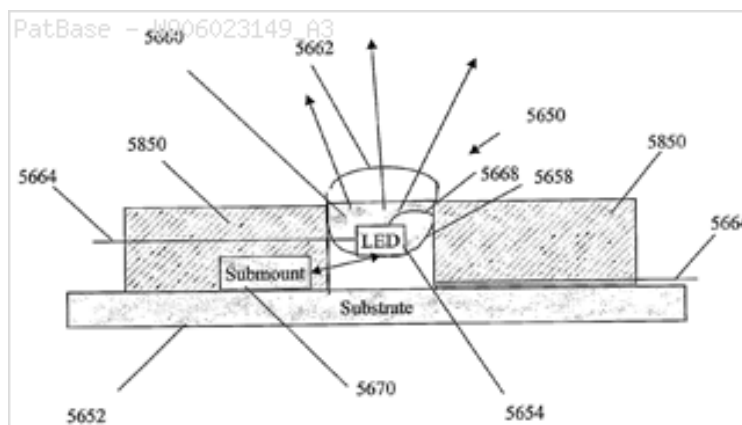
© PatBase

Title: LED PACKAGE METHODS AND SYSTEMS**Priority:** US20040586939P 20040708 US20040588090P 20040715

Family:	Publication number	Publication date	Application number	Application date
	<u>WO06023149 A2</u>	20060302	WO2005US24249	20050708
	<u>WO06023149 A3</u>	20090430	WO2005US24249	20050708

Probable Assignee: COLOR KINETICS INC**Assignee(s):^(std):** CELLA CHARLES H ; COLOR KINETICS INC ; DOWLING KEVIN ; LYS IHOR A ; MORGAN FREDERICK M ; NORTHRUP EDWARD ; MUELLER GEORGE G**Inventor(s):^(std):** CELLA CHARLES H ; DOWLING KEVIN ; LYS IHOR A ; MORGAN FREDERICK M ; MUELLER GEORGE G ; NORTHRUP EDWARD**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**International class**
(IPC 8-9): F21K99/00 F21S4/00 H01L27/15 H01L29/26 H01L31/12 H01L33/00 (Advanced/Invention);
F21S4/00 H01L27/15 H01L29/02 H01L31/12 H01L33/00 (Core/Invention)**CPC:** H05B33/0803 F21S48/325 F21S48/328 H01L25/167 H05B33/0815 H05B33/0818
H05B33/0821 H05B33/0842 H05B33/0863 H05B33/0869 H05B33/0872 H05B33/089
Y02B20/346 H05K1/0306 H05K2201/10106 H01L2224/73265 H01L2924/1461 F21K9/00**European class:** F21K9/00 F21S48/32F2 F21S48/32P H05B33/08D H05B33/08D1C4 H05B33/08D1C4H
H05B33/08D1L H05B33/08D3 H05B33/08D3K2U H05B33/08D3K4F H05B33/08D3K6
H05B33/08D5L T01L25/16L Y02B20/34B6[Classification Explorer](#)**Cited documents:** US6614103 BA, US6369525 BA, US4967330 A, US2004105264 AA, US2004100204 AA, US2004061106 AA, US2002122309 AA,**Forward Citations:** WO12094720, WO10132153, WO10132153, WO10056792, US9635727, US9585216, US9574717, US9510400, US9398661, US9395075, US9353939, US9285084, US9271367, US9267650, US9184518, US9163794, US9101026, US9084314, US9072171, US9057493, US9013119, US8946996, US8928025, US8901823, US8870415, US8840282, US8807785, US8674626, US8664880, US8653984, US8618741, US8596813, US8564202, US8556452, US8541958, US8540401, US8523394, US8454193, US8444292, US8421366, US8362710, US8360599, US8330381, US8324817, US8299695, US8262263, US8256924, US8251544, US8214084, US8203281, US8118447, US7976196, US7956546, US7946729, US7938562, US7926975, US7863831,**Abstract:**

Methods and systems are provided for LED modules that include an LED die integrated in an LED package with a submount that includes an electronic component for controlling the light emitted by the LED die. The electronic component integrated in the submount may include drive hardware, a network interface, memory, a processor, a switch-mode power supply, a power facility, or another type of electronic component.



0) US2006054564A – CORROSION INHIBITORS, CORROSION INHIBITING HEAT...

43) Family number: 32712714 (US2006054564A)

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Title: CORROSION INHIBITORS, CORROSION INHIBITING HEAT TRANSFER FLUIDS, AND THE USE THEREOF

Priority: EP20050796418 20050908 US20040607898 20040908 US20080080033P 20080711
US20050222024 20050908 US20040607898P 20040908 US20080080033 20080711
US20090500036 20090709 US20090642104 20091218 WO2005US32173 20050908
WO2009US50257 20090710 US20120434358 20120329

Family:

Publication number	Publication date	Application number	Application date
AU2005282359 AA	20060316	AU20050282359	20050908
BRPI0514981 A	20080701	BR2005PI14981	20050908
CA2578970 AA	20070301	CA20052578970	20050908
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CN101056958 B	20140528	CN200580038229	20050908
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US8658326 BB	20140225	US20120434358	20120329
WO06029326 A1	20060316	WO2005US32173	20050908
WO10006263 A2	20100114	WO2009US50257	20090710
WO10006263 A3	20100415	WO2009US50257	20090710
ZA200701865 A	20080730	ZA20070001865	20050908

Probable Assignee: PRESTONE PRODUCTS CORP

Assignee(s):^(std): GERSHUN ALEKSEI V ; KALAGHER THOMAS G ; HONEYWELL INT INC ;
WOYCIESJES PETER M ; MARINHO FILIPE J ; YANG BO ; PRESTONE PRODUCTS
CORP

Assignee(s): PRESTONE PRODUCTS CORP DANBURY ; KIK NEW JERSEY LLC ; MARIETTA CORP
; SOLSKYN PERSONAL CARE LLC ; PRESTONE PRODUCTS CO ; FRAM GROUP IP
LLC ; CYGNUS CORP ; HI LEX LLC ; HOMECARE LABS INC ; KIK CUSTOM
PRODUCTS INC ; KIK INT LLC ; HONEYWELL INT ; CREDIT SUISSE SECOND LIEN
COLLATERAL AGENT AG AS ; APG INC ; AQUA CLEAR IND LLC ; ASEPSIS INC ;
BARCLAYS BANK PLC COLLATERAL AGENT AG AS ; BIO LAB INC ; CREDIT SUISSE
FIRST LIEN COLLATERAL AGENT AG AS

Inventor(s):^(std): BO WOYCIESJES PETER M GERSHUN ; BO YANG ; GERSHUN ALEKSEI V ;
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Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; CLARKE LIONEL PAUL; BUCKLEY GUY JULIAN; HONEYWELL INT INC LAW DEPARTMENT PATENT SERVICES; HONEYWELL INT INC PATENT SERVICES; HONEYWELL/CANTOR COLBURN,PATENT SERVICES; HONEYWELL CANTOR COLBURN PATENT SERVICES; CANTOR COLBURN LLP; BRIAN R; BARNES AND THORNBURG LLP; BOEHM CHRISTOPHER C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): C02F1/00 C02F5/08 C07K5/10 C09K5/08 C09K5/10 C09K5/14 C09K5/20 C23F11/14 F28D15/00 F28F13/06 F28F19/00 H01L31/024 H01L31/052 H01M10/50 H01M8/04 (Advanced/Invention); C09K5/08 C09K5/10 C09K5/14 C09K5/20 C23F11/14 H01M8/04 (Advanced/Non-invention); C02F1/00 C02F5/08 C09K5/00 C23F11/10 F28D15/00 F28F19/00 H01M8/00 (Core/Invention); H01M8/04 (Subclass/Invention); C09K C23F H01M (Subclass/Invention)

International class
(IPC 1-7): C09K5/10

CPC: B01D19/0409 B01J39/04 B01J41/04 B01J47/04 C02F1/42 C02F2303/08 C23F11/12 C23F11/14 C23F11/173 H01M8/04029 C09K5/10 C23F11/08 C23F11/10 C23F11/149 C23F14/02 Y02P70/56

European class: C09K5/10 C23F11/08 C23F11/10 C23F11/12 C23F11/14 C23F11/14H C23F11/173 C23F14/02 H01M8/04B4 M02F1/28 M02F1/28F M02F1/30 M02F1/40 M02F1/42 M02F1/46J M02F303/08 Y02E60/50

US class: 136/246 136/259 165/104.19 165/104.190P 165/104.190S 165/108 165/134.1 165/134.100S 165/177 210/697 252/175 252/175S 252/181 252/181S 252/71 252/717 252/73 252/77 252/78.1 252/78.3 422/15 422/15S 429/120 429/26 429/434 429/434P 429/437

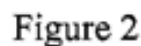
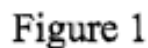
[Classification Explorer](#)

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Forward Citations: WO08107529, US9644127, US9605162, US9598624, US9567507, US9453153, US9365761, US9359678, US9328277, US9315711, US9303199, US9222174, US9145613, US9023235, US8691110, US8658326, US8617416, US8613866, US8591762, US8181474, US7955553, US7932091, US7854253, US7662304, US2015266370, US2015225633, US2014239222, US2013092870, US2012288404, US2011192179, US2010173071, US2010098987, US2009301119, US2009266519, US2009220689, US2008239776, US2008020470, RU2510363, FR2911341, EP2852652, EP1885912, CN104152909, CN103890129, CN103890129, CN103448924, CN103311596, CN103311596, CN102992968, CN102992968, CN102110848,

Source: US2006054564A Disclosed is a corrosion inhibitor for use in heat transfer fluids having a conductivity of less than 200 $\mu\text{S}/\text{cm}$, the corrosion inhibitor having an azole compound, and at least one of a siloxane based surfactant, colloidal silica, or a mixture thereof. Also disclosed is a corrosion inhibiting heat transfer fluid, the heat transfer fluid having a conductivity of no more than or equal to 200 $\mu\text{S}/\text{cm}$ and comprising the disclosed corrosion inhibitor. Also provided is an assembly comprising an alternative power source and a heat transfer system in thermal communication with the alternative power source, the heat transfer system comprising the disclosed corrosion inhibiting heat transfer fluid. In addition, a method of making a corrosion inhibiting heat transfer fluid is disclosed wherein the disclosed corrosion inhibitor is added to heat transfer fluid having a conductivity of less than 200 $\mu\text{S}/\text{cm}$.

PCT/US2006/021573



0) US2006248749A – DEVICES WITH INTERNAL FLEXIBILITY SIPES, INCLUD...

44) Family number: 33047627 (US2006248749A)

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Title: DEVICES WITH INTERNAL FLEXIBILITY SIPES, INCLUDING SIPED CHAMBERS FOR FOOTWEAR

Priority: EP20050825112 20051121 US20040629384P 20041122 US20040629385P 20041122
 US20050282665 20051121 US20040629523P 20041122 US20040633664P 20041206
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ELIIS FRAMPTON E

Assignee(s):^(std): ELLIS FRAMPTON ; ELLIS FRAMPTON E ; ELLIS FRAMPTON ERROLL

Assignee(s): MOLECULAR SYSTEMS CORP ; ELLIS FRAMPTON E JASPER ; ELIIS FRAMPTON E

Inventor(s):^(std): ELLIS FRAMPTON E ; ELLIS FRAMPTON ERROLL

Inventor(s): ELLIS FRAMPTON E JASPER ; ELLIS FRAMPTON

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP; DUNLEAVY KEVIN JAMES; FRAMPTON E ELLIS; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; KNOBLE YOSHIDA AND DUNLEAVY; KNOBLE YOSHIDA AND DUNLEAVY LLC; MENDELSON DRUCKER AND ASSOCIATES PC; MENDELSON DRUCKER AND DUNLEAVY PC; MENDELSON DUNLEAVY PC; GARRETT ARTHUR S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): [A41D27/02](#) [A42B3/00](#) [A42B3/10](#) [A42B3/12](#) [A43B13/14](#) [A43B13/18](#) [A43B13/20](#) [A43B17/00](#) [A43B19/00](#) [A43B23/00](#) [A43B3/00](#) [A43B5/00](#) [A43B7/14](#) [A43B7/24](#) [A43B7/32](#) [A61F2/12](#) [A61F2/52](#) [A61F5/14](#) [A63B53/04](#) [A63B59/00](#) [B32B3/26](#) [B32B3/30](#) [C12S3/14](#) [D02G3/36](#) [F16F7/00](#) [G02B6/44](#) (Advanced/Invention); [A43B3/00](#) [A61F2/44](#) (Advanced/Non-invention); [A43B13/14](#) [A43B13/18](#) [A43B23/00](#) [A43B5/00](#) [A43B7/32](#) [A61F5/14](#) (Core/Invention); [A61F2/44](#) (Core/Non-invention)

CPC: [A42B3/12](#) [A43B7/32](#) [B32B3/266](#) [B32B3/30](#) [B60C11/005](#) [A42B3/064](#) [A63B53/12](#) [A63B71/12](#) [A63B71/146](#) [A63B2071/1233](#) [A63B2071/1241](#) [A63B2071/125](#) [A63B2071/1258](#) [A63B2071/1266](#) [A63B2209/08](#) [B29D22/04](#) [B60C1/0016](#) [B60C9/18](#) [B60C11/00](#) [B60C11/0323](#) [B60C19/00](#) [A43B7/1445](#) [A63B53/047](#) [A43B3/0005](#) [A43B7/142](#) [A43B7/1425](#) [A43B7/1435](#) [A43B7/144](#) [A43B7/24](#) [A43B13/14](#) [A43B13/187](#) [A43B13/203](#) [F16F7/00](#) [Y10T428/24331](#) [Y10T428/24562](#) [Y10T428/2933](#) [A42B3/121](#) [A43B13/181](#) [A63B60/54](#) [A63B60/06](#) [A63B60/08](#) [A63B60/10](#) [A63B60/52](#) [A43B13/20](#) [A41D19/01523](#) [A43B13/189](#) [A47C7/021](#) [A63B41/08](#) [A63B49/02](#) [A63B49/08](#) [A63B53/04](#) [A63B53/0466](#)

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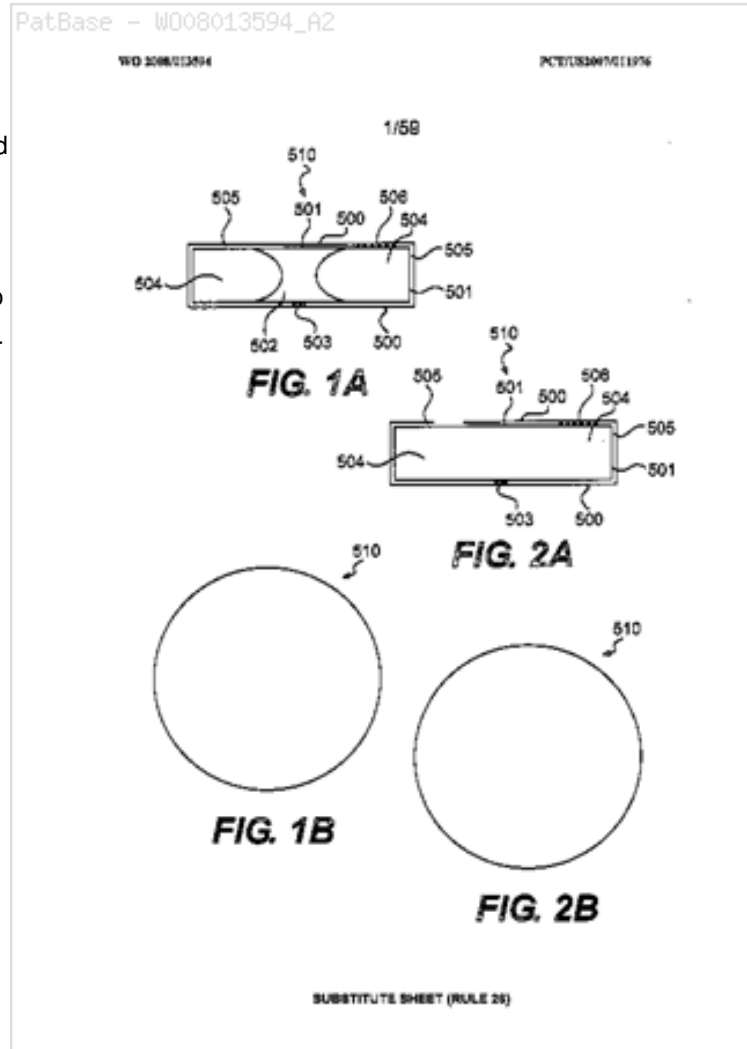
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Abstract:

Source: US2006248749A The present invention attempts to replicate in footwear, orthotics, and other products the naturally effective anatomical structures like a bare foot that provide superior flexibility, cushioning, and stable support compared to existing products. More specifically, the invention relates to a device for such products including a unitary internal sipe component, said internal sipe providing increased flexibility for said device. Even more specifically, the invention relates to footwear, orthotic or other products with an outer chamber and at least one inner chamber inside the outer chamber; the outer chamber and the inner chamber being separated at least in part by an internal sipe; and the internal sipe providing increased flexibility, cushioning, and stability.



0) US2006113927A – MULTIPLE DIMMER LIGHTING SYSTEM

45) Family number: 33036729 (US2006113927A)

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Title: MULTIPLE DIMMER LIGHTING SYSTEM

Priority: CA20082626196 20080318 US20040999917 20041201 US20070723445 20070320
US20100662312 20100409

Family:	Publication number	Publication date	Application number	Application date
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	<u>US2006113927 AA</u>	20060601	US20040999917	20041201
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Probable Assignee: BRILLIANT LIGHTING PRODUCTS IN

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Agent(s): GORNALL PAUL D; PAUL D GORNALL REGISTERED PATENT AND TM AGENT

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(IPC 8-9): F21S10/00 H05B37/02 (Core/Invention)

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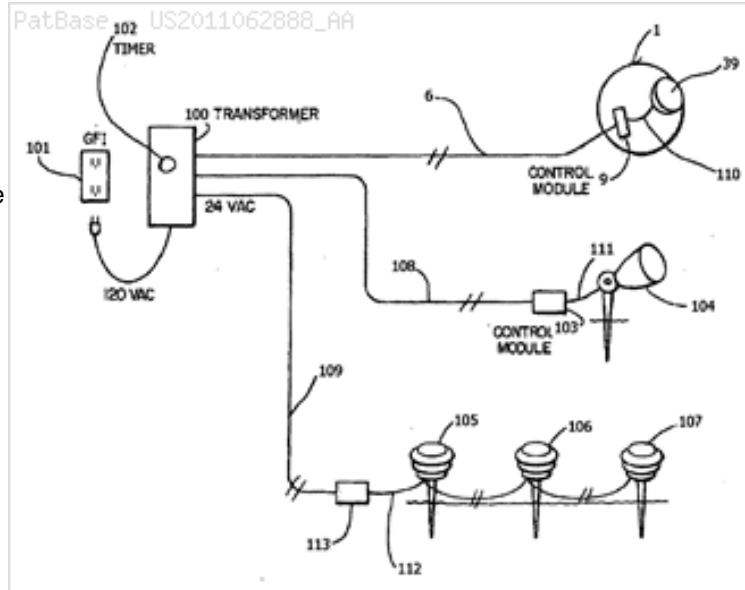
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US2014042932, US2014028215, US2013293379, US2013234609, US2013234605,
US2013057854, US2012286686, US2012249017, US2012229033, US2012212048,
US2012194082, US2012182114, US2012091900, US2011304273, US2011240630,
US2011205533, US2011204801, US2011068703, US2010201267, US2009195193,
US2009195192, US2009195179, US2009195164, US2009195085, US2009195064,

Abstract:

Source: US2006113927A A system of lighting in which a multitude of secondary line extra-low voltage lights each have an individual dimmer control with voltage compensating circuitry. This enables pre-setting of individual brightness for each light in the multitude. The individual lights have substantially spherical housings that allow for partial burial at different angles of illumination. The system is especially suited for garden lighting.



46) Family number: 33151025 (US2006164252A)

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Title: ILLUMINATED WIND INDICATOR

Priority: US20050303247 20051216 US20050642382P 20050107 US20060420160 20060524
 US20080254028 20081020 US20080968504 20080102 US20080191027P 20080906
 US20090555804 20090908 US20070755917 20070531 US20060811137P 20060605
 US20110244436 20110924 US20110323686 20111212 US20140251479 20140411
 US20130970413 20130819

Family:

Publication number	Publication date	Application number	Application date
<u>US2006164252 AA</u>	20060727	US20050303247	20051216
<u>US2006227542 AA</u>	20061012	US20060420160	20060524
<u>US2007221133 AA</u>	20070927	US20070755917	20070531
<u>US2009133636 AA</u>	20090528	US20080254028	20081020
<u>US2009207596 AA</u>	20090820	US20080968504	20080102
<u>US2009322495 AA</u>	20091231	US20090555804	20090908
<u>US2012075104 AA</u>	20120329	US20110244436	20110924
<u>US2012081888 AA</u>	20120405	US20110323686	20111212
<u>US2014218901 AA</u>	20140807	US20140251479	20140411
<u>US7336157 BB</u>	20080226	US20050303247	20051216
<u>US7448347 BB</u>	20081111	US20070755917	20070531
<u>US7708424 BB</u>	20100504	US20060420160	20060524
<u>US7748347 BB</u>	20100706	US20080254028	20081020
<u>US8077052 BB</u>	20111213	US20080968504	20080102
<u>US8089370 BB</u>	20120103	US20090555804	20090908
<u>US8514094 BB</u>	20130820	US20110323686	20111212
<u>US9353938 BB</u>	20160531	US20110244436	20110924

Probable Assignee: RICHMOND SIMON NICHOLAS**Assignee(s):**^(std): RICHMOND SIMON N ; RICHMOND SIMON NICHOLAS**Inventor(s):**^(std): RICHMOND SIMON N ; RICHMOND SIMON NICHOLAS**Inventor(s):** RICHMOND SIMON

Agent(s): SYNNESTVEDT LECHNER AND WOODBRIDGE LLP; FOX ROTHSCHILD LLP, PRINCETON PIKE CORPORATE CENTER; FOX ROTHSCHILD LLP PRINCETON PIKE CORPORATE CENTER; FOX ROTHSCHILD LLP; LAW OFFICES OF DONALD COX; SYNNESTVEDT AND LECHNER LLP; WOODBRIDGE RICHARD C; RICHARD C; VOLPE AND KOENIG PC

International class
 (IPC 8-9): A01K39/00 A01K7/00 F21L19/00 F21L4/00 F21L4/02 F21V21/08 F21V3/04 F21V33/00 F21V9/16 G01W1/00 G01W1/02 G02B5/00 G08B17/12 G08B21/00 G08B3/00 G08B5/00 G08B5/22 G10D13/08 G10K1/00 G10K1/07 H02J7/00 H04M1/22 (Advanced/Invention);
F21S8/08 F21S9/03 F21W121/00 F21W131/10 F21Y101/02 H02M3/156 (Advanced/Non-invention);
A01K39/00 A01K7/00 F21L19/00 F21L4/00 F21V3/00 F21V9/00 G01W1/00 G08B17/12 G08B21/00 G08B3/00 G08B5/00 G08B5/22 G10D13/00 G10K1/00 H02J7/00 H04M1/22 (Core/Invention)

CPC: A01K39/012 A01K39/0206 A01K39/026 F21V3/02 F21S9/037 F21S8/08 F21W2131/10 F21V33/00 F21W2121/00 H02M3/1563 Y02B10/10 F21V3/0418 F21V3/0481 F21V9/16 F21W2131/109 F21Y2113/13 F21Y2115/10 Y02B20/72 F21V21/0824 F21S9/03 G10K1/07

European class: A01K39/012 A01K39/026 A01K39/02B F21V21/08S F21V33/00 G10K1/07 R21S8/08 R21S9/03 R21W121/00 R21W131/10 R21Y101/02 T02M3/156B

US class: 1/1 116/148 116/148S 119/174 119/174S 119/52.2 119/52.200P 119/72 119/72P 320/101 320/101S 340/326 340/326P 340/392.1 340/392.100S 340/600 340/600S 340/601 340/601P 340/601S 340/606 340/606P 340/815.4 340/815.46 362/159 362/159P 362/183

Cited documents:

USD529655 S1, USD517749 S1, USD509325 S1, USD469909 S1, USD454669 S1, USD440171 S1, USD309953 S1, US9080751 BB, US8672505 BA, US8362700 BB, US8256916 BB, US8203285 BB, US8089370 BB, US8077052 BB, US7967465 BB, US7901115 BB, US7748347 BB, US7708424 BB, US7559666 BB, US7518253 BB, US7448347 BB, US7429827 BB, US7377667 BB, US7345371 BA, US7336157 BB, US7273294 BB, US7252889 BB, US7234418 BB, US7196477 BB, US7186003 BB, US7168392 BB, US7126450 BB, US7109664 BB, US7059737 BB, US7021787 BA, US7017521 BB, US6901882 BB, US6869198 BA, US6861108 BA, US6830009 BA, US6776511 BA, US6616292 BB, US6604691 BA, US6597293 BA, US6584933 BA, US6565057 BA, US6528782 BA, US6517217 BA, US6491516 BA, US6441284 BA, US6384570 BB, US6288633 BA, US6276298 BA, US6166660 A, US6124782 A, US6120165 A, US6046401 A, US6039453 A, US5980056 A, US5947582 A, US5947054 A, US5924784 A, US5918415 A, US5899555 A, US5868101 A, US5831516 A, US5772314 A, US5682835 A, US5647298 A, US5587697 A, US5508901 A, US5472737 A, US5463980 A, US5454348 A, US5452638 A, US5424006 A, US5402700 A, US5388038 A, US5376303 A, US5369391 A, US5231781 A, US5208578 A, US5201577 A, US5158355 A, US5065291 A, US5062028 A, US5043096 A, US5032961 A, US4978948 A, US4967633 A, US4911166 A, US4857228 A, US4854214 A, US4841416 A, US4841344 A, US4809458 A, US4789572 A, US4702140 A, US4588618 A, US4558662 A, US4392006 A, US4387999 A, US4281369 A, US4215462 A, US4072855 A, US3720184 A, US2979467 A, US2561217 A, US2463182 A, US2372071 A, US2096604 A, US2014268687 AA, US2013335953 AA, US2012314404 AA, US2012134143 AA, US2011292644 AA, US2011209325 AA, US2010253090 AA, US2009207596 AA, US2009175315 AA, US2008296545 AA, US2008291665 AA, US2008191491 AA, US2008158866 AA, US2008158865 AA, US2008037243 AA, US2008029166 AA, US2008029035 AA, US2007274066 AA, US2007175315 AA, US2007159813 AA, US2007109793 AA, US2007030685 AA, US2007030666 AA, US2007028846 AA, US2007019404 AA, US2006291217 AA, US2006262522 AA, US2006227573 AA, US2006139912 AA, US2006092630 AA, US2006070578 AA, US2006063044 AA, US2006012978 AA, US2005279403 AA, US2005265017 AA, US2005248934 AA, US2005248285 AA, US2005225984 AA, US2005168973 AA, US2005156103 AA, US2005135101 AA, US2005115663 AA, US2005047114 AA, US2005040785 AA, US2005003120 AA, US2004223326 AA, US2004099302 AA, US2004095749 AA, US2003092352 AA, US2002189161 AA, US2002180404 AA, US2002093834 AA, US1637963 A, US1407534 A, JP3139698 A2, GB2186108 A1, CN2862252 Y, CN2852317 Y, CN2745165 Y, CN2145314 Y, AU2002100505 AD,

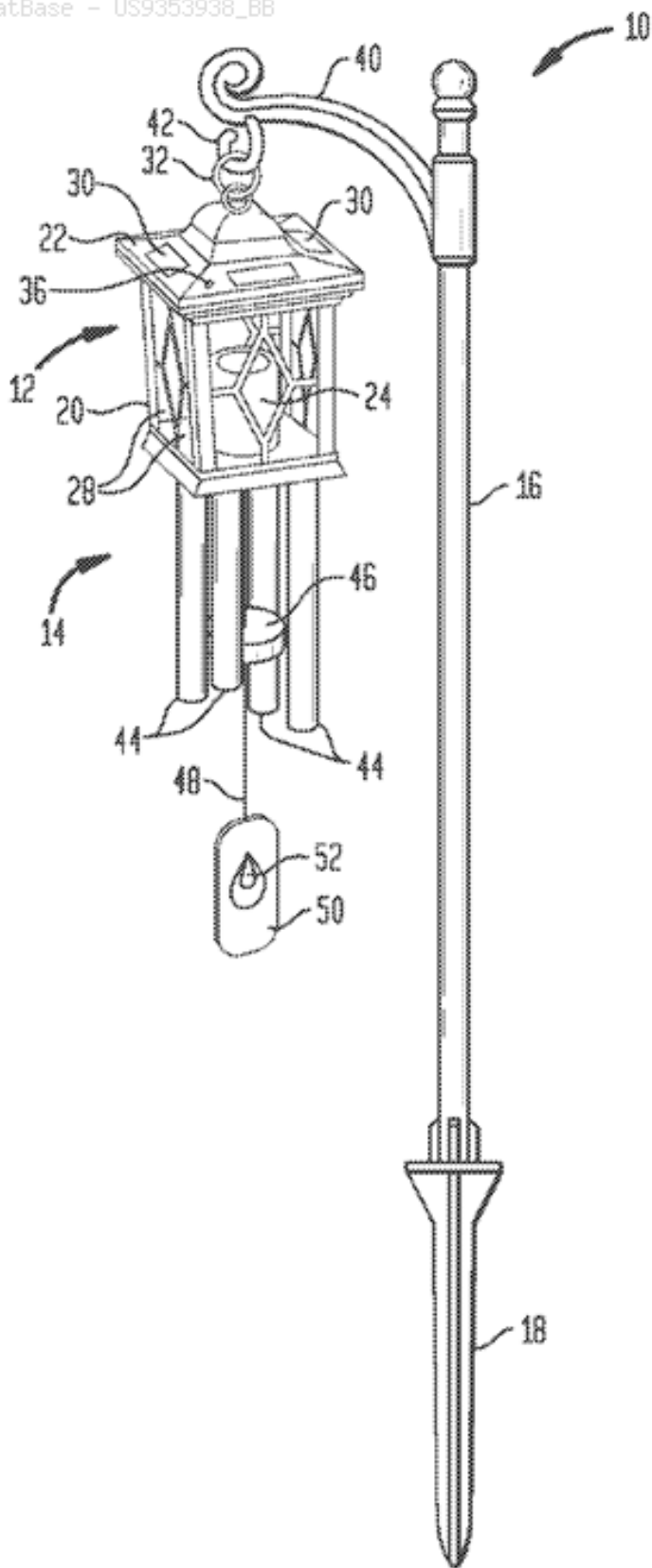
Forward Citations:

WO14107621, WO14107621, WO11153498, WO11153498, USRE45837, USRE45715, USD756545, USD745227, USD743636, USD729989, USD728864, USD720506, USD713101, USD709248, USD707401, USD698501, USD698102, USD698101, USD698100, USD698099, USD698098, USD698097, USD683911, USD683909, USD682481, USD679453, USD678628, USD676614, USD675770, USD674561, USD663078, USD661434, USD656279, USD652175, USD612549, USD606708, USD603567, USD581229, USD573912, USD551108, US9629213, US9572304, US9474253, US9470394, US9470384, US9429281, US9410693, US9353938, US9353920, US9351479, US9247719, US9246024, US9206952, US9198401, US9192148, US9182090, US9173381, US9162245, US9105206, US8941252, US8904964, US8893659, US8889983, US8869732, US8863692, US8863691, US8659416, US8622022, US8585231, US8578884, US8541945, US8514094, US8506089, US8441360, US8421252, US8387567, US8376590, US8376580, US8362700, US8305226, US8291861, US8276541, US8253576, US8197116, US8192044, US8156894, US8129850, US8109656, US8089370, US8077052, US8058875, US7946249, US7891832, US7812547, US7518253, US7513638, US7273294, US2015350541, US2015256126, US2015161860, US2015122186, US2015008822, US2014338605, US2014307425, US2014133139, US2014090603, US2014049942, US2013094191, US2013074776, US2012299529, US2012280627, US2012272918, US2012192796, US2012159821, US2012081888, US2012075104, US2012071954, US2012033413, US2011309772, US2011292644, US2011279034, US2011235341, US2011210817, US2011188228, US2011168101, US2011163883, US2011146757, US2011134397, US2011011345, US2010308005, US2010277900, US2010253090, US2010244729, US2010214774, US2010107692, US2009322495, US2009308321, US2009207597, US2009207596, US2009175034, US2009128326, US2009079412, US2008314327, US2008291665, US2008251025, US2008247155, US2008238345, US2008210172, US2008191491, US2008106891, US2008035068, US2008017120, US2007263381, US2007222399, US2007171634, US2006262522, US2006153000, ITPZ20130009, ITMO20120299, FR3006423, EP2844910, EP2546570, EP2546570, EP2132483, EP2132483, CN103529239, CN102679256,

Abstract:

Source: US2006164252A An illuminated wind indicator that provides visual indication of wind motion even at night. One or more chime members and a pendulum assembly are suspended from a support or housing, and arranged so that the chime members and the pendulum assembly are capable of colliding with each other. In addition, there is a light source situated such that a portion of the pendulum assembly emits light. Power for the light source is provided by a solar cell and a rechargeable battery. A light sensor may be used to automatically detect the ambient light and switch the rechargeable battery from accumulating charge to powering the light when predetermined levels of ambient light are detected. The light source may be a suitable light emitting diode. The pendulum assembly may contain the solar panel. The light source may include a luminescent material.

PatBase - US9353938_BB



0) ES2261018A – SISTEMA MODULAR PARA LA ILUMINACION HOMOGENEA D...

47) Family number: 33811310 (ES2261018A)

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Title: SISTEMA MODULAR PARA LA ILUMINACION HOMOGENEA DE MOBILIARIO URBANO CON DIODOS LEDS. Modular system for uniform illumination of street furniture DIODES LEDS. (Machine translation)

Priority: ES20040001632 20040705

Family:	Publication number	Publication date	Application number	Application date
	ES2261018 AA	20061101	ES20040001632	20040705
	ES2261018 BA	20070801	ES20040001632	20040705

Probable Assignee: UNIV MALAGA

Assignee(s):^(std): UNIV MALAGA

Assignee(s): UNIVERSIDAD DE MALAGA

Inventor(s):^(std): GAGO BOHORQUEZ ALFONSO ; GAGO CALDERON ALFONSO ; OBALLE PEINADO OSCAR ; SANCHEZ DURAN JOSE ANTONIO

International class [G09F13/04 G09F9/33](#) (Advanced/Invention)
(IPC 8-9):

CPC: [G09F13/22 G09F9/33 G09F13/0409](#)

European class: [G09F13/04C G09F13/22 G09F9/33](#)

[Classification Explorer](#)

Cited documents: US2002126064 AA, JP2000307152 A2, FR2582842 A1, ES1056874 UA, DE2424204,

Forward Citations: WO09039092, US7926977, US7852285, EP1968033, CN101868815,

Abstract:

Source: ES2261018A Sistema modular para la iluminacion homogenea de mobiliario urbano con diodos LEDs, constituido por barras de material transparente y flexible (1) rellenas de diodos LEDs (3) y un difusor de luz constituido por una resina transparente (4). Los diodos se alimentaran sin resistencias de polarizacion, para reducir el consumo al minimo, a muy baja tension (3,3 V). Estos modulos se colocaran respecto a las superficies a iluminar por transparencia paralelos a los carteles, de modo que no emitan la luz directamente a las superficies a iluminar y esta se transmita homogeneizada por el sistema difusor. La invencion comprende una estructura flexible de colocacion y distribucion de la alimentacion de las barras de iluminacion, un posible sistema de control electronico basado en microcontrolador para realizar efectos de regulacion de iluminacion y las fuentes de energia necesarias, a traves de fuentes de alimentacion conmutadas o paneles solares.

Machine translation: Modular system for uniform illumination of LED diodes street furniture, comprising bars and flexible transparent material (1) filled diodes LEDs (3) and a light diffuser constituted by a transparent resin (4). The diodes are fed without bias resistors, to reduce consumption to a minimum, at very low voltage (3.3 V). These modules will be placed for the areas to be illuminated by the cartels parallel transparency, so that do not emit light directly to the surfaces to be illuminated and this is transmitted by the diffuser system homogenized. The invention comprises a flexible placement and power distribution of the light bars, a possible electronic control system based on microcontroller for regulatory purposes, lighting and power sources needed, through switching power supplies or solar panels.

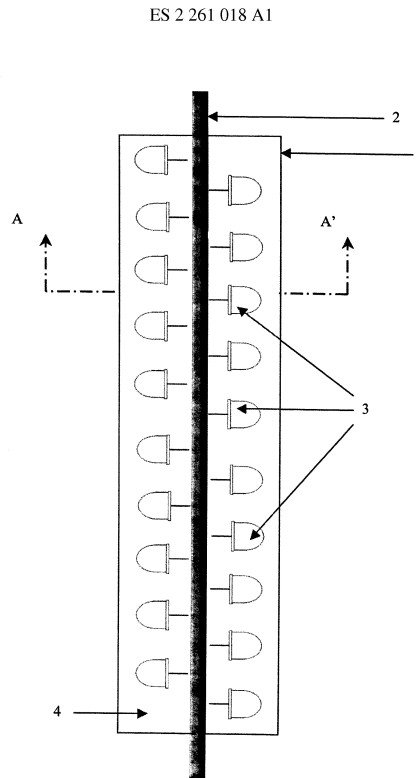


FIGURA 1

48) Family number: 33700174 (US2009149821A)

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Title: NOVEL PORTABLE ELECTROCHEMICAL DEVICES FOR DUAL ACTION WOUND HEALING

Priority: EP20060759461 20060510 US20050679541P 20050510 US20060913885 20060510 WO2006US18031 20060510

Family:	Publication number	Publication date	Application number	Application date
	<u>BRPI0609094 A2</u>	20100217	BR2006PI09094	20060510
	<u>CA2606508 AA</u>	20071029	CA20062606508	20060510
	<u>CA2606508 C</u>	20140812	CA20062606508	20060510
	<u>EP1883448 A2</u>	20080206	EP20060759461	20060510
	<u>EP1883448 A4</u>	20101208	EP20060759461	20060510
	<u>EP1883448 B1</u>	20161012	EP20060759461	20060510
	<u>ES2609906 T3</u>	20170425	ES20060759461T	20060510
	<u>IL187284 A1</u>	20120628	IL20060187284	20060510
	<u>IN05063CN2007 A</u>	20080530	IN2007CN05063	20071112
	<u>IN272190 B</u>	20160401	IN2007CN05063	20071112
	<u>JP2008539966 T2</u>	20081120	JP20080511307T	20060510
	<u>JP5097881 B2</u>	20121212	JP20080511307T	20060510
	<u>KR101278461 B1</u>	20130702	KR20077028596	20060510
	<u>KR20080018183 A</u>	20080227	KR20077028596	20060510
	<u>TR201618717 T4</u>	20170123	TR20160018717T	20060510
	<u>US2009149821 AA</u>	20090611	US20060913885	20060510
	<u>US8088113 BB</u>	20120103	US20060913885	20060510
	<u>WO06122169 A2</u>	20061116	WO2006US18031	20060510
	<u>WO06122169 A3</u>	20071018	WO2006US18031	20060510

Probable Assignee: NEOGENIX LLC**Assignee(s):^(std):** BURK MELVYN I ; CALI LAWRENCE J ; NEOGENIX LLC ; OGENIX CORP ; SARANGAPANI SRINIVASAN ; SCHERSON DANIEL A**Assignee(s):** OGENIX CORP950 – 23230 CHAGRIN BOULEVARDBUILDING 3BEACHWOODOH44122US**Inventor(s):^(std):** CALI LAWRENCE ; CALI LAWRENCE J ; BURK MELVYN ; BURK MELVYN I ; SARANGAPANI SRINIVASAN ; SCHERSON DANIEL ; SCHERSON DANIEL A**Inventor(s):** SCHERSON DANIEL AUS ; SRINIVASAN SARANGAPANI ; SARANGAPANI SRINIVASANUS ; BURK MELVYN IUS ; CALI LAWRENCE JUS ; DANIEL A SCHERSON ; I MELVYN BURK ; J LAWRENCE CALI ; LAWRENCE J CALI ; MELVYN I BURK ; A DANIEL SCHERSON**Agent(s):** SIM AND MCBURNEY; KADOR AND PARTNER; DURAN LUIS ALFONSO; DR EYAL BRESSLER; AYLIN SENER; FAY SHARPE LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class A61F13/00 A61K33/00 A61M1/00 A61M27/00 A61M35/00 A61M37/00 A61N1/02
^{(IPC 8-9):} A61N1/30 A61P17/02 (Advanced/Invention);
A61N1/02 (Advanced/Non-invention);
A61K33/00 A61M1/00 A61M35/00 A61M37/00 A61N1/02 A61N1/30
A61P17/00 (Core/Invention)
A61N1/02

International class
(IPC 1-7):

CPC: A61M35/00 A61M1/0066 A61H35/00 A61H2033/143 A61M1/0023 A61M1/0088 A61M13/003

European class: A61H35/00 A61M1/00H A61M1/00P A61M1/00T6 A61M13/00G A61M27/00 K61H33/14A2

US class: 604/289 604/289P 604/305 604/305S 604/313 604/313S

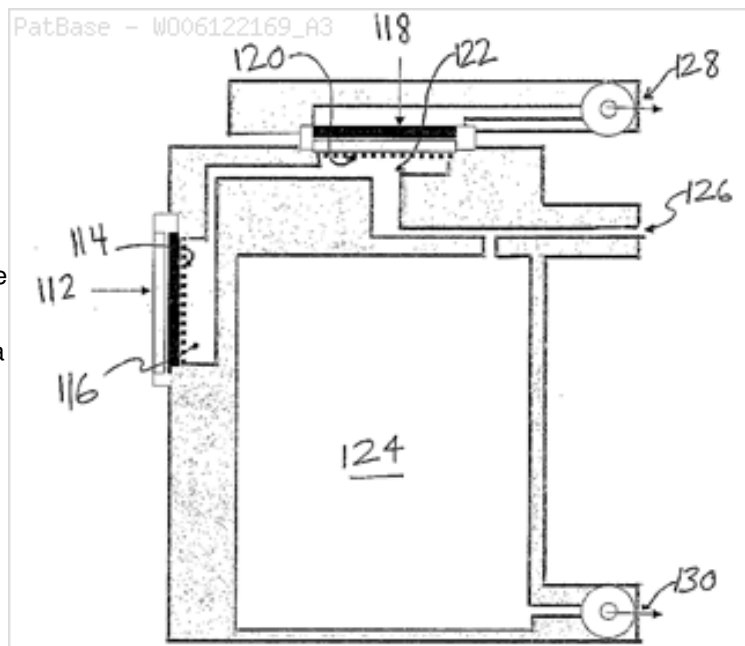
[Classification Explorer](#)

Cited documents: WO03049660 A1, US7195624 BB, US6489052 BA, US6489052, US6071267 A, US6071267, US5788682 A, US5735833 A, US5645081 A, US5636643 A, US5578022 A, US4102757 A,

Forward Citations: WO09141820, WO09047524, WO09047524, USD683042, USD679023, USD664260, USD662214, USD662213, USD662212, US9616210, US9545465, US9543559, US9433525, US9427505, US9220823, US9192539, US9180041, US9119705, US8940034, US8905983, US8778005, US8758419, US8753383, US8632576, US8574278, US8439860, US8425580, US8248798, US8142486, US8128672, US8100956, US7909861, US2016067104, US2015194651, US2011264062, US2011077723, US2010210982, US2007112401, JP2012506292, EP2340001, CN102083478,

Abstract:

Source: US2009149821A A portable, self-contained device is described for the topical application of oxygen and the removal of wound exudates to promote the healing of skin wounds. The device includes a wound dressing that incorporates at least one electrochemical cell for generating oxygen. The device can regulate the supply of oxygen to the wound at various concentrations, pressures and dosages and is used to produce a high concentration of oxygen at the wound site. By reversing the polarity of the power source a reduced pressure can be created in a reservoir attached to our device. The reduced pressure in the reservoir draws naturally flowing exudates away from the wound. Alternately, two reverse polarity cells are used to alternately supply oxygen and draw away exudates.



Title: LIGHTING APPARATUS**Priority:** IT2005MO00193 20050727 WO2006EP63837 20060704

Family:	Publication number	Publication date	Application number	Application date
	EP1907752 A1	20080409	EP20060764039	20060704
	ITMO20050193 A1	20070128	IT2005MO00193	20050727
	US2009034244 AA	20090205	US20060989529	20060704
	WO07014819 A1	20070208	WO2006EP63837	20060704

Probable Assignee: DEROMA SPA**Assignee(s):**^(std) KEIPER HOLDING S R L ; TABARELLI DE FATIS STEFANO**Assignee(s):** KEIPER HOLDING SRL ; DEROMA SPA ; EUREKA PROJEKT SOC ; EUREKA PROJEKT SOCIETA A RESPONSABILITA LIMITATA PER I SERVIZI**Inventor(s):**^(std) TABARELLI DE FATIS STEFANO ; TARABELLI DE FATIS STEFANO**Agent(s):** CRUGNOLA PIETRO; NIXON AND VANDERHYE PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [A01G9/02 F21V33/00](#) (Advanced/Invention);
 (IPC 8-9): [A01G9/02 F21V33/00](#) (Core/Invention)

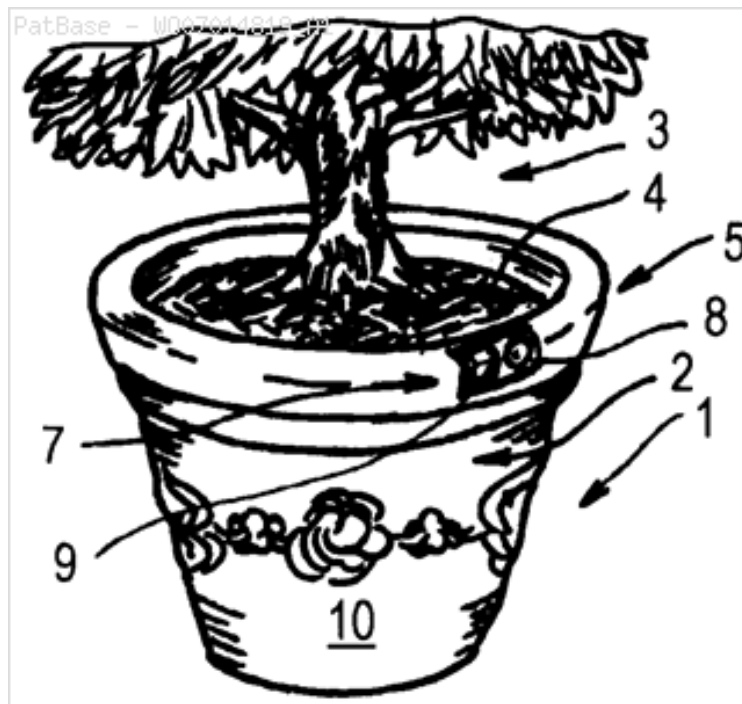
CPC: [A01G9/02 F21V33/0028](#)**European class:** [A01G9/02 F21V33/00A4B](#)**US class:** [362/154](#)[Classification Explorer](#)

Cited documents: WO04079257 A1, US6943698 BB, US6402338 BA, US5879071 A, US5741061 A, US5152601 A, US5101329 A, US4486820 A, US4384317 A, US2005083681 AA, US2002191401 AA, JPH11318218, JP2003016814, DE20106239 U1,

Forward Citations: US8974071, US2013229823, US2010141156, GB2443553,

Abstract:

Source: US2009034244A An apparatus comprises a container, suitable for containing a plant and a respective culture substrate, and a lighting arrangement associated with said container.



50) Family number: 34254794 (US2008084686A)

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Title: ELECTROLUMINESCENCE-EQUIPPED ARTICLE
Priority: DE200620015495U 20061009 KR20070016321U 20071008
Family:

Publication number	Publication date	Application number	Application date
CN201156831 Y	20081126	CN200720125580U	20071008
DE202006015495 U1	20070201	DE200620015495U	20061009
EP1914703 A1	20080423	EP20070114377	20070815
JP3141051 U	20080424	JP20070007738U	20071009
KR20080000491 U	20080416	KR20070016321U	20071008
TR200706710 U	20080521	TR20070006710U	20070928
US2008084686 AA	20080410	US20070853176	20070911

Probable Assignee: EVONIK DEGUSSA GMBH
Assignee(s):^(std): DEGUSSA ; EVONIK DEGUSSA GMBH
Assignee(s): DEGUSSA AG ; DEGUSSA GMBH
Inventor(s):^(std): GEIPEL DR GERHARD ; GEIPEL GERHARD ; GUTSCH ANDREAS ; GUTSCH DR ANDREAS ; KRAUSE ROLF ; SCHULZE MICHAEL
Inventor(s): DR ANDREAS GUTSCH ; DR GERHARD GEIPEL ; MICHAEL SCHULZE ; ROLF KRAUSE
Agent(s): OBLON SPIVAK MCCLELLAND MAIER AND NEUSTADT PC
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL PL PT RO RS SE SI SK TR

International class
 (IPC 8-9): [A45C13/00 A45C13/42 A45C15/00 A45C15/06 F21K2/00 F21V33/00 F21V9/16 G09F13/22 H01J1/62 H01L51/50 H05B33/12 H05B33/14](#) (Advanced/Invention);
[A45C13/00 A45C13/42 A45C15/00 F21Y105/00](#) (Advanced/Non-invention);
[A45C13/00 A45C15/00 F21K2/00 F21V33/00 F21V9/00 G09F13/22 H01J1/00 H05B33/12](#) (Core/Invention)

CPC: [G09F13/22 A45C3/00 A45C13/42 A45C15/06 A45F3/04 A45F3/042](#)

European class: [G09F13/22](#)

US class: [313/483 362/84](#)

[Classification Explorer](#)

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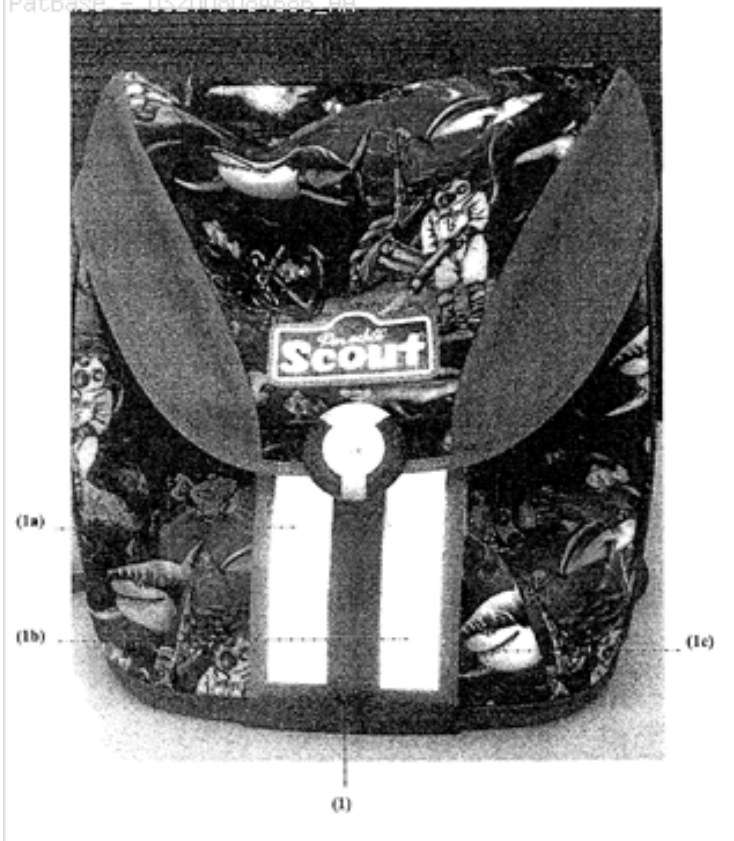
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Abstract:

Source: US2008084686A An electroluminescent unit, containing a) an energy source; b) an electronic drive; and c) at least one electroluminescent film in a transparent sheath are useful in illuminated articles, in particular transport containers and items for everyday use.

PatBase - US2008084686_00



51) Family number: 34194438 (US2008170982A)

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Title: FABRICATION AND APPLICATION OF NANOFIBER RIBBONS AND SHEETS AND TWISTED AND NON-TWISTED NANOFIBER YARNS

Priority: CN200580046210 20051109 JP20070540423 20051109 JP20120036396 20051109
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Family:

Publication number	Publication date	Application number	Application date
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<u>WO07015710 A3</u>	20090409	WO2005US41031	20051109	

Probable Assignee: BOARD OF UNIV OF TEXAS SYSTEM

Assignee(s):^(std): ALIEV ALI E ; ATKINSON KENNETH ROSS ; BAUGHMAN RAY H ; BOARD OF UNIV OF TEXAS SYSTEM ; WILLIAMS CHRIS ; ZHANG MEI ; FANG SHAOLI ; ZAKHIDOV ANVAR A ; UNIV TEXAS ; LI SERGEY ; COMMW SCIENT IND RES ORG ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM ; REGENTS THE UNIV OF TEXAS SYSTEM BOARD OF ; REGENTS UNIV OF TEXAS SYSTEM BOARD OF

Assignee(s): COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION ; COMMW SCIENTIFIC INDUSTRIAL RESEARCH ORGANISATION ; COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION ; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION ; BOARD OF REGENTS UNIV OF TEXAS ; THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS ; COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISAT ; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS ; BOARD OF REGENTS THE UNIV OF TEXAS SYSTEM ; BOARD OF UNIV TEXAS ; BOARD OF UNIV OF TEXAS ; BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM ; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH OR ; BOARD OF REGENTS UNIV TEXAS SYSTEM ; BOARD OF REGENTS UNIV

Inventor(s):^(std): ATKINSON KENNETH ROSS ; BAUGHMAN RAY H ; CHAN MEI ; CHRIS WILLIAMS ; FANG SHAOLI ; ALIEV ALI E ; LI SERGEY ; MEI ZHANG ; ROSS ATKINSON KENNETH ; SERGEY LI ; SHAOLI FANG ; WILLIAMS CHRIS ; ZAKHIDOV ANVAR A ; ZHANG MEI

Inventor(s): ALI E ALIEV ; RAY H BAUGHMAN ; ANVAR A ZAKHIDOV ; KENNETH ROSS ATKINSON

Agent(s): FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FISH AND RICHARDSON PC; GREENBERG TRAURIG LLP; ROSS SPANCER; ROSS SPENCER; DICKINSON WRIGHT PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): A41D13/00 A41D13/002 A41D13/02 A61B5/0408 A61B5/0478 A61L27/00 A61L31/00 B01L3/00 B23B5/12 B29C47/00 B29C47/04 B32B18/00 B32B37/00 B32B37/12 B32B5/02 B32B5/12 B32B5/24 B82B3/00 B82Y10/00 B82Y15/00 B82Y30/00 B82Y40/00 C01B31/02 C01B32/152 C01B32/158 C04B35/622 C04B35/628 C04B35/80 C23C16/44 C23C16/50 D01F6/50 D01F9/08 D01F9/10 D01F9/12 D01F9/127 D01H7/00 D02G3/02 D02G3/04 D02G3/06 D02G3/16 D02G3/22 D02G3/26 D02G3/28 D02G3/36 D02G3/44 D02J1/22 D03D15/00 D03D15/12 D04H1/4242 D04H1/4382 D04H1/728 D04H1/74 D04H3/002 D06B15/00 D06M15/256 D06M15/333 G01L1/22 G01N27/04 G01N27/12 G02F1/1333 G06F3/041 H01B1/04 H01B1/24 H01B12/04 H01B5/02 H01B5/08 H01B5/14 H01G11/36 H01J1/304 H01L51/00 H01L51/44 H01L51/52 H01M10/0565 H01M4/86 H01M4/92 H01M4/96 H02N11/00 H05K9/00 (Advanced/Invention); B29C47/04 B82Y30/00 B82Y40/00 D06M101/40 G02F1/15 H01M4/86 (Advanced/Non-invention); A41D13/00 A41D13/02 A61L27/00 A61L31/00 B29C47/04 B82B3/00 C01B31/00 D01F6/44 D01F9/12 D02G3/02 D02G3/04 D02G3/36 D03D15/00 D03D15/12 D06M15/21 H01B12/04 H01B5/00 H01B5/14 H01J1/30 H01M4/86 H01M4/96 (Core/Invention)

International class
(IPC 1-7): B29C47/04

CPC: [Y10S977/742](#) [Y10S977/745](#) [Y10S977/843](#) [Y10S977/847](#) [Y10S977/848](#) [B82Y10/00](#)
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[B32B2313/04](#) [D02G3/28](#) [C01B31/0293](#) [D01F9/127](#) [B32B5/12](#) [D04H3/002](#) [D06B15/00](#)
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European class: [B82Y10/00](#) [D02G3/28](#) [H01L51/00M4D](#) [H01L51/52B2](#) [N10B101/122](#) [S02F1/15N](#)
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US class: [156/167](#) [156/229](#) [264/164](#) [264/211.11](#) [264/430](#) [423/445.00RS](#) [423/445R](#) [423/447.1](#)
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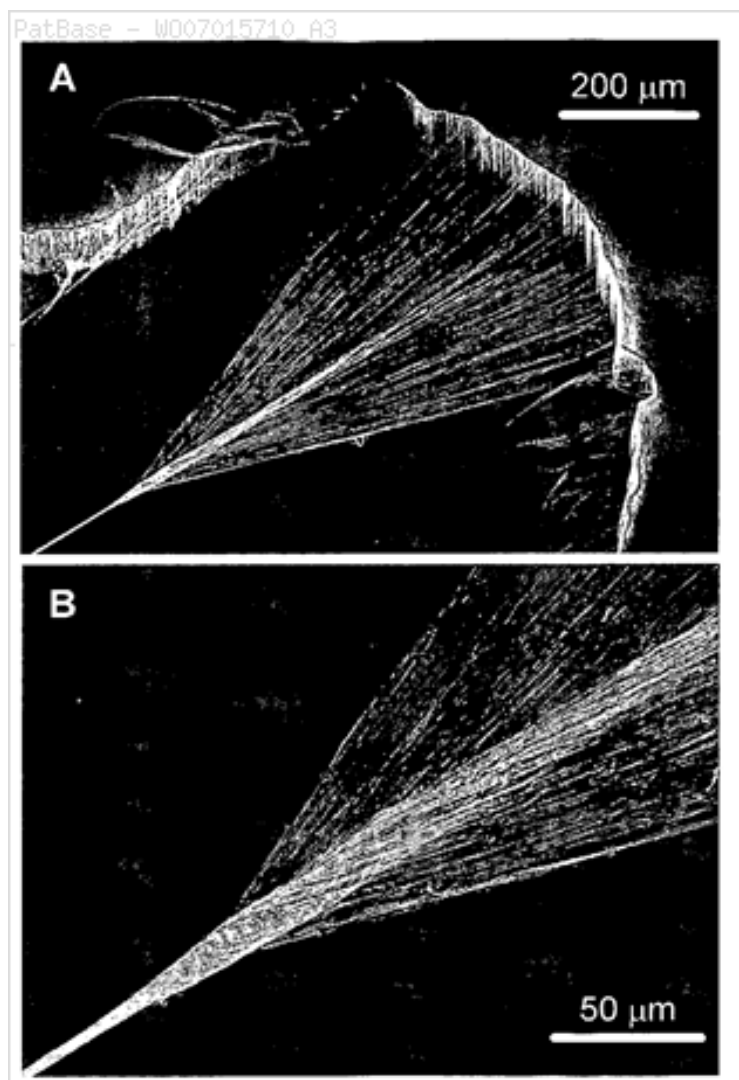
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Abstract:

Source: US2008170982A The present invention is directed to methods of making nanofiber yarns. In some embodiments, the nanotube yarns comprise carbon nanotubes. Particularly, such carbon nanotube yarns of the present invention provide unique properties and property combinations such as extreme toughness, resistance to failure at knots, high electrical and thermal conductivities, high absorption of energy that occurs reversibly, up to 13 percent strain-to-failure compared with the few percent strain-to-failure of other fibers with similar toughness, very high resistance to creep, retention of strength even when heated in air at 450 degrees centigrade for one hour, and very high radiation and UV resistance, even when irradiated in air.



0) EP1795652A1 – SAFETY ROAD FURNITURE ELEMENT SICHERHEITSELEME...

52) Family number: 34548271 (EP1795652A1)

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Title: SAFETY ROAD FURNITURE ELEMENT

Priority: IT2005VI00324 20051207

Family:	Publication number	Publication date	Application number	Application date
	EP1795652 A1	20070613	EP20060123434	20061103
	ITVI20050324 A1	20070608	IT2005VI00324	20051207

Probable Assignee: DEL BEN RAFFAELE

Assignee(s):^(std): DEL BEN RAFFAELE

Inventor(s):^(std): DEL BEN RAFFAELE

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

International class [E01C11/22](#) [E01F9/053](#) ^(Advanced/Invention);
^(IPC 8-9): [E01C11/00](#) [E01F9/04](#) ^(Core/Invention)

CPC: [E01F9/547](#)

European class: [E01F9/053D](#)

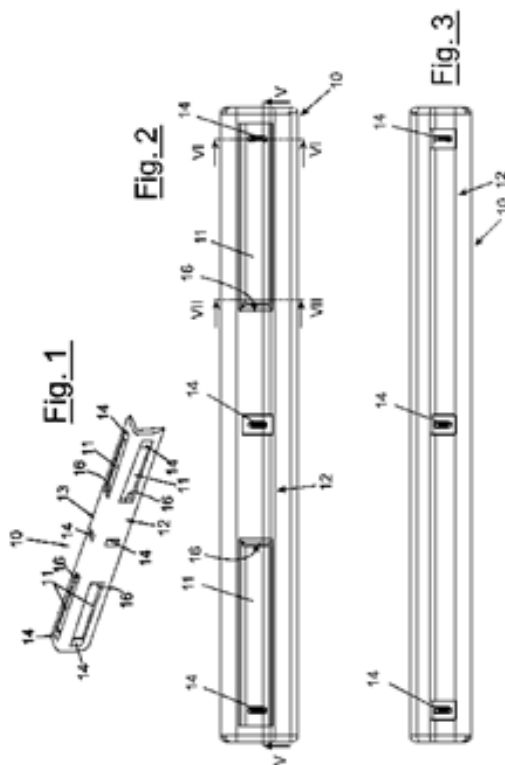
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Forward Citations: KR200447347, KR101218369, ITMI20101234, GB2526837, GB2446898, GB2446898, GB2444780, EP2327924, EP2327924, DE202009005335,

Source: EP1795652A1 A safety road furniture element, adapted to enhance road safety characteristics for pedestrians and drivers of automotive vehicles, motor vehicles, bicycles and any other means going along the road itself. In particular, such element comprises an elongated angular structure (10), made of elastic plastic and impact-resistant material, adapted to cover the pavement kerbs, in order to deaden and soften impacts by things and/or people; the visible surfaces (12, 13) of the angular structure (10) foresee the insertion of refractive delineators (16), positioned inside appropriate seats (11), refractive adhesive tapes (17) and/or luminous LED diodes (20), powered by batteries, rechargeable by way of appropriate photovoltaic cells (18), the latter also inserted inside the angular structure (10).

EP 9 295-652 AB



53) Family number: 40797636 (US2007203727A)

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Title: EMERGENCY SUPPLIES PRE-POSITIONING AND ACCESS CONTROL METHOD

Priority:

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Publication number	Publication date	Application number	Application date
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<u>WO08088589 A3</u>	20081113	WO2007US79228	20070921
<u>WO08088590 A2</u>	20080724	WO2007US79394	20070925
<u>WO08088590 A3</u>	20081030	WO2007US79394	20070925
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<u>WO08088591 A3</u>	20081113	WO2007US79499	20070926
<u>WO08091427 A2</u>	20080731	WO2007US83211	20071031
<u>WO08091427 A3</u>	20081023	WO2007US83211	20071031
<u>WO08143691 A1</u>	20081127	WO2007US82654	20071026

Probable Assignee: SOVEREIGN DEED LLC

Assignee(s):^(std): BOTOS MATTHEW J ; MOORE BARRETT H ; SEIDEL GREGORY E ; SOVEREIGN DEED LLC

Inventor(s):^(std): MOORE BARRETT H ; SEIDEL GREGORY E ; BOTOS MATTHEW J

Inventor(s): MOORE BARRETT

Agent(s): FITCH EVEN TABIN AND FLANNERY; KRATZ RUDY; KRATZ RUDY I; KRUEGER JAMES P; KRATZ RUDY I ET AL; SAMPLES KENNETH H ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9):

A01B71/06 A45F5/00 A47F1/04 A61B17/3213 A61B5/00 B01D46/00 B42D1/00 B60J1/00 B62D53/00 B62D59/04 B63B35/44 B65B3/04 B65G15/00 D02G3/00 E02D29/00 E04B1/00 E04B1/34 E04H1/00 E04H14/00 E04H9/00 F02M37/04 G01C21/20 G01T1/02 G05B19/418 G05B21/00 G05D1/02 G06F15/173 G06F17/30 G06F21/00 G06F9/44 G06F9/46 G06K7/01 G06Q10/00 G06Q30/00 G06Q30/06 G06Q40/00 G06Q50/00 G06Q50/26 G06Q90/00 G06Q99/00 G09B19/00 G21F3/00 H04H1/00 H04H20/59 H04L9/00 H04M11/04 (Advanced/Invention); G06Q90/00 (Advanced/Non-invention); A01B71/00 A45F5/00 A47F1/00 A61B17/32 A61B5/00 B01D46/00 B42D1/00 B60J1/00 B62D53/00 B62D59/00 B63B35/44 B65B3/04 B65G15/00 D02G3/00 E02D29/00 E04B1/00 E04B1/34 E04H1/00 F02M37/04 G01C21/20 G01T1/02 G05B19/418 G05B21/00 G05D1/02 G06F15/16 G06F17/30 G06F21/00 G06F9/44 G06F9/46 G06Q10/00 G06Q30/00 G06Q40/00 G06Q50/00 G06Q99/00 G09B19/00 G21F3/00 H04H1/00 H04L9/00 H04M11/04 (Core/Invention)

CPC:

G06Q30/0283 G08B27/008 H04H20/59 H04H60/23 G06Q30/02 G06Q90/00 G06F19/327 G06F19/3493 G06Q20/401 G06Q50/22 G06Q50/00 G06Q30/04 G06Q10/06 G06Q50/163 G06Q50/30 G06Q30/00 G06Q50/10 G06Q30/0214 G06Q30/0217 G06Q30/0226 G06Q30/0227 G06Q30/0231 G06Q30/0233 G07F17/0042 E04H9/08 E04H9/12 F41H5/24 G06Q10/10 A62B31/00 B63C9/02 E04H9/14 A62B99/00 A62B1/02 E04H9/06 H04L63/10 G07C9/00087 B01D46/0023 B01D46/0036 B01D2273/30 A47K11/026 G21F3/00 G06Q30/06 G06Q30/0633 G06Q10/087 A61B50/10 A61B50/13 A61B50/312 G06Q40/08 A45C15/00 G06Q10/08 G06Q50/265 G06Q99/00 G06Q10/00 G06Q10/02 G06Q50/26

European class:

A45C15/00 A47K11/02C A61B19/02F A61B19/02P4D A62B1/02 A62B31/00 A62B99/00 B01D46/00D4 B01D46/00F60 B63C9/02 E04H9/06 E04H9/08 E04H9/12 E04H9/14 F41H5/24 G06F19/32G G06Q10/00 G06Q10/02 G06Q10/06 G06Q10/08 G06Q10/08E G06Q10/10 G06Q20/401 G06Q30/00 G06Q30/02 G06Q30/0214 G06Q30/0217 G06Q30/0226 G06Q30/0227 G06Q30/0231 G06Q30/0233 G06Q30/0283 G06Q30/04 G06Q30/06 G06Q40/08 G06Q50/00 G06Q50/10 G06Q50/163 G06Q50/22 G06Q50/26 G06Q50/265 G06Q50/30 G06Q90/00 G06Q99/00 G07C9/00B6D4 G07F17/00D G07F7/00D G08B27/00T G21F3/00 H04H20/59 K61B19/02F2 K62B99/00 L01D273/30 S06F19/34S T04H60/23 T04L29/06S10 T04L63/10 Y04S50/12

US class:

141/10 180/14.1 180/14.100P 198/321 224/101 235/382.5 235/382.500S 250/472.1 250/519.1 345/85P 379/37 379/37P 434/236 434/236S 455/3.01 455/3.010 52/169.6 52/3 52/741.1 52/741.100S 52/745.05 52/745.050P 52/79.1 52/79.100S 600/300 600/300P 701/23 705/1 705/1.1 705/1.100P 705/14.16 705/14.160P 705/14.19 705/14.190S 705/14.27 705/14.270S 705/14.28 705/14.280S 705/14.31 705/14.310S 705/14.33 705/14.330S 705/2 705/26.8 705/2P 705/314 705/314P 705/325 705/325S 705/400 705/400P 705/5 705/500 705/500P 705/52 705/52P 705/5P 705/75 705/75S 707/802 707/802S 707/E17.005 707/E17.005S 726/2 726/2S 96/222 96/222P

Classification Explorer

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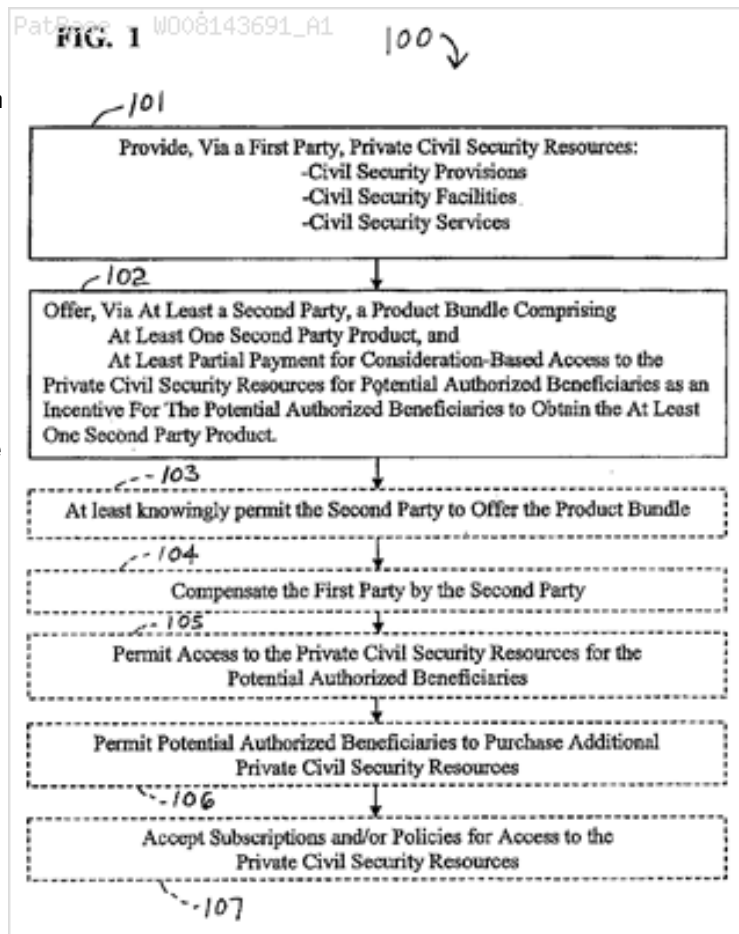
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Forward Citations: WO14098841, WO13028679, WO12154693, WO12154693, WO12135074, WO12135074,
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US2008204226, US2008201291, US2008097935, US2007115097, ITAN20130055,
CN103544380, CN102323853,

Abstract:

Source: US2007203727A One provides (101) a plurality of carriable containers having emergency supplies contained therein wherein each of these carriable containers is readily carriable by an average adult human. These carriable containers are then placed (103) within one or more corresponding controlled access containers as are provided at one or more publicly accessible locations (102). Prior to a triggering catastrophic event, one or more specific authorized beneficiaries are then preauthorized (104) to have catastrophic event-based access to one or more of these carriable containers. So configured, the authorized beneficiary(s) will in turn have access to the corresponding emergency supplies that are contained within the carriable container when a triggering catastrophic event occurs.



0) WO07113887A1 – TILE FLOOR WITH HOUSING FOR FUNCTIONAL OR DECOR...

54) Family number: 39345507 (WO07113887A1)

© PatBase

Title: TILE FLOOR WITH HOUSING FOR FUNCTIONAL OR DECORATIVE ELEMENTS

Priority: IT2006MI00643 20060331 WO2007IT00234 20070329

Family:	Publication number	Publication date	Application number	Application date
	EP2004928 A1	20081224	EP20070736738	20070329
	ITMI20060643 A1	20071001	IT2006MI00643	20060331
	WO07113887 A1	20071011	WO2007IT00234	20070329

Probable Assignee: E M MARKETING S R L

Assignee(s):^(std): E M MARKETING S R L ; QUAGLIA NATALE

Assignee(s): EM MARKETING SRL

Inventor(s):^(std): QUAGLIA NATALE

Agent(s): LONG GIORGIO ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [E04F15/024](#) (Advanced/Invention);
(IPC 8-9); [E04F15/024](#) (Core/Invention)

CPC: [E04F15/02](#) [E04F15/02405](#) [E04F2290/023](#)

European class: [E04F15/02](#) [E04F15/024B](#) [P04F290/02B](#)

[Classification Explorer](#)

Cited documents: WO05068748 A2, WO02099222 A1, FR2487407 A2, DE19725734 C1,

Forward Citations: ITFI20130048, EP2294269,

Abstract:

The present invention relates to a floor comprising a plurality of tiles (2), a plurality of plate-like supports (5) disposed underneath tiles and securing means (8) for the removable fixing of the tiles to the plate-like supports, wherein the securing means comprise a metallic insert (27), said metallic insert, different from said plate-like support, being associated with the lower face of the plate-like support, said plate-like supports (5) being offset relative to said tiles, so that each of said plate-like supports supports a corner of four adjacent tiles, characterized in that said tiles (2) comprise a depressed central portion (32) and a contour portion (33) arranged as a frame about said central portion (32), a step with a rise (35) being formed between said central portion (32) and said contour portion (33), said depressed central portion (32) forming a seat for a decorative or functional element (34).

PatBase - W007113887_R1

WO 2007/113887

1/7

PCT/IT2007/000234

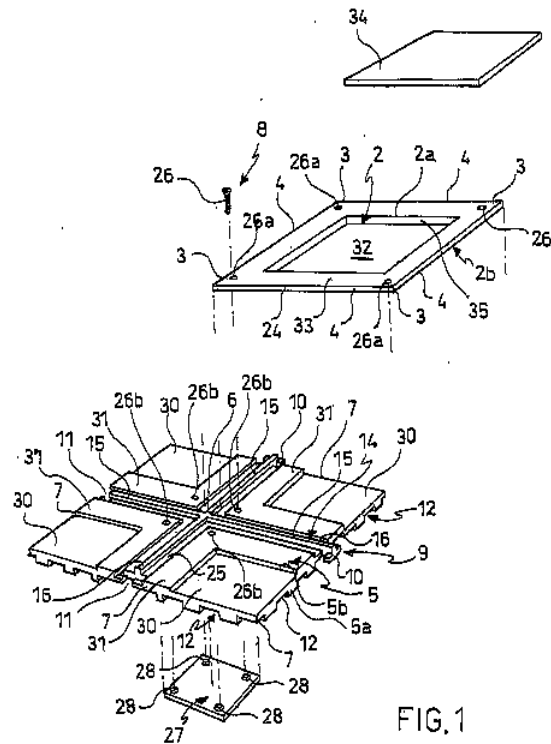


FIG.1

0) US2007241922A – MAILBOX SUPPORT WITH LIGHTED RESIDENCE IDENTIFI...

55) Family number: 40491697 (US2007241922A)

© PatBase

Title: MAILBOX SUPPORT WITH LIGHTED RESIDENCE IDENTIFICATION AND ALERT SIGNAL APPARATUS

Priority: US20060406475 20060418

Family:	Publication number	Publication date	Application number	Application date
	<u>US2007241922 AA</u>	20071018	US20060406475	20060418
	<u>US7382252 BB</u>	20080603	US20060406475	20060418

Probable Assignee: BRANNON CHET J

Assignee(s):^(std): BRANNON CHET J

Inventor(s):^(std): BRANNON CHET J

Inventor(s): BRANNON CHET

Agent(s): JOHN B HARDAWAY III NEXSEN PRUET LLC; NEXSEN PRUET LLC; SCHWAB CHARLES L; CHARLES L

International class
(IPC 8-9): G08B13/14 G08B3/00 (Advanced/Invention);
G08B3/00 (Core/Invention)

CPC: G08B7/064

European class: G08B7/06H

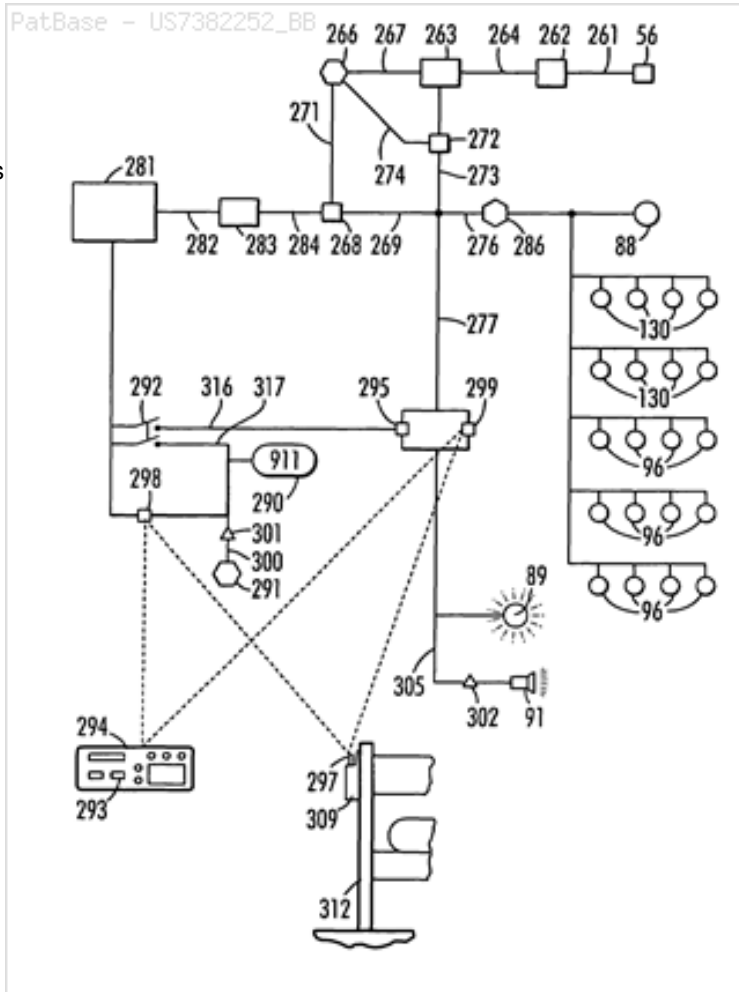
US class: 232/19 232/34 340/332 340/539.14 340/569 340/691.1 340/691.100P 362/154 362/431 40/541 40/566

[Classification Explorer](#)

Cited documents: US6799716 BA, US6739732 BB, US6666372 BA, US6601968 BB, US6525700 BA, US6513706 BA, US6050012 A, US6017131 A, US5573178 A, US5155470 A, US5143285 A, US4868543 A, US4853593 A, US2004083634 AA,

Forward Citations: WO17030970, US9401850, US9374280, US9300724, US9294365, US8631998, US8506115, US8099886, US2012188075, US2011163213, US2011023338, GB2467922,

Source: US2007241922A An emergency signal apparatus for alerting police, medical service, neighbors and people passing by to emergency situations that may arise in or at a residence. The apparatus is designed for mounting on an upright post or column such as is commonly used for supporting rural mailboxes and includes a flashing strobe light and a siren which can be activated by operation of a manual switch in the residence or by operating a remote switch by a radio frequency emitter. The signal apparatus preferably includes illuminated house numbers, chimes within the residence and automatic dialing of the 911 emergency telephone number with a prerecorded message giving name, telephone number and address.



0) US2007247842A – LED LIGHT FIXTURE

56) Family number: 40748605 (US2007247842A)

© PatBase

Title: LED LIGHT FIXTURE

Priority: US20060794819P 20060424 US20070739470 20070424 US20100822047 20100623

Family:

Publication number	Publication date	Application number	Application date
US2007247842 AA	20071025	US20070739470	20070424
US2010307075 AA	20101209	US20100822047	20100623
US7766511 BB	20100803	US20070739470	20070424
US8070325 BB	20111206	US20100822047	20100623

Probable Assignee: INTEGRATED ILLUMINATION SYSTEMS

Assignee(s):^(std) INTEGRATED ILLUMINATION SYSTEMS ; ZAMPINI II THOMAS L ; ZAMPINI MARK A ; ZAMPINI THOMAS L ; INTEGRATED ILLUMINATION SYSTEM

Inventor(s):^(std) ZAMPINI MARK A ; ZAMPINI THOMAS L ; ZAMPINI II THOMAS L

Agent(s): MCCORMICK PAULDING AND HUBER LLP; CHOATE HALL AND STEWART LLP; CHRISTOPHER J; FOLEY AND LARDER LLP

International class
^(IPC 8-9) [E04B9/06](#) [F21V15/01](#) [F21V29/00](#) [F21V33/00](#) ^(Advanced/Invention);
[F21V29/00](#) ^(Core/Invention)

CPC: [F21S9/02](#) [E04B9/006](#) [F21S2/00](#) [F21S8/02](#) [F21S8/033](#) [F21S8/037](#) [F21S8/04](#) [F21S9/022](#)
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European class: [F21S2/00](#) [F21S9/02](#) [F21S9/03](#) [F21V15/01](#) [F21V21/005](#) [F21V23/04](#) [F21V23/04R](#)
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US class: [362/227](#) [362/227P](#) [362/294](#) [362/294S](#) [362/362](#) [362/362S](#) [362/373](#) [362/373S](#) [362/404](#)
[52/173.1](#) [52/173.100P](#) [52/793.1](#)

[Classification Explorer](#)

Cited documents: US7914173 BB, US7911151 BB, US7906917 BB, US7894050 BB, US7893661 BB, US7893631 BB, US7878688 BB, US7868562 BB, US7854539 BB, US7850347 BB, US7845823 BB, US7810974 BB, US7809448 BB, US7808191 BB, US7806558 BB, US7802902 BB, US7781979 BB, US7777427 BB, US7772787 BB, US7766518 BB, US7766489 BB, US7740375 BB, US7738002 BB, US7731390 BB, US7731389 BB, US7731387 BB, US7714521 BB, US7712926 BB, US7710369 BB, US7703951 BB, US7689130 BB, US7688002 BB, US7687753 BB, US7675238 BB, US7667409 BB, US7665883 BB, US7659674 BB, US7659673 BB, US7658506 BB, US7656366 BB, US7654703 BB, US7652236 BB, US7619370 BB, US7598686 BB, US7598684 BB, US7598681 BB, US7573729 BB, US7573210 BB, US7573209 BB, US7572028 BB, US7569807 BB, US7557521 BB, US7550935 BB, US7550931 BB, US7542257 BB, US7538499 BB, US7525254 BB, US7521872 BB, US7520634 BB, US7515128 BB, US7511437 BB, US7511436 BB, US7507001 BB, US7505395 BB, US7502034 BB, US7495671 BB, US7490957 BB, US7490953 BB, US7482760 BB, US7482565 BB, US7463070 BB, US7462997 BB, US7459864 BB, US7453217 BB, US7449847 BB, US7443209 BB, US7432668 BB, US7423387 BB, US7420335 BB, US7394210 BB, US7388665 BB, US7387405 BB, US7358961 BB, US7358929 BB, US7358706 BB, US7358681 BB, US7358679 BB, US7354172 BB, US7353071 BB, US7352339 BB, US7352138 BB, US7350936 BB, US7329998 BB, US7323676 BB, US7319298 BB, US7314289 BB, US7308296 BB, US7300192 BB, US7274160 BB, US7267461 BB, US7262559 BB, US7256554 BB, US7255458 BB, US7255457 BB, US7253566 BB, US7242152 BB, US7233831 BB, US7233115 BB, US7231060 BB, US7228190 BB, US7221104 BB, US7204622 BB, US7202641 BB, US7202613 BB, US7202608 BB, US7198387 BA, US7186003 BB, US7180252 BB, US7178941 BB, US7161556 BB, US7161313 BB, US7161311 BB, US7140752 BB, US7139617 BA, US7135824 BB, US7132804 BB, US7118248 BB, US7113541 BA, US7071762 BB, US7067992 BB, US7064498 BB, US7038399 BB, US7038398 BA, US7031920 BB, US7030572 BB, US7014336 BA, US6998594 BB, US6992803 BB, US6975079 BB, US6972525 BB, US6969954 BB, US6965205 BB, US6933767 BB, US6933685 BB, US6932477 BB,

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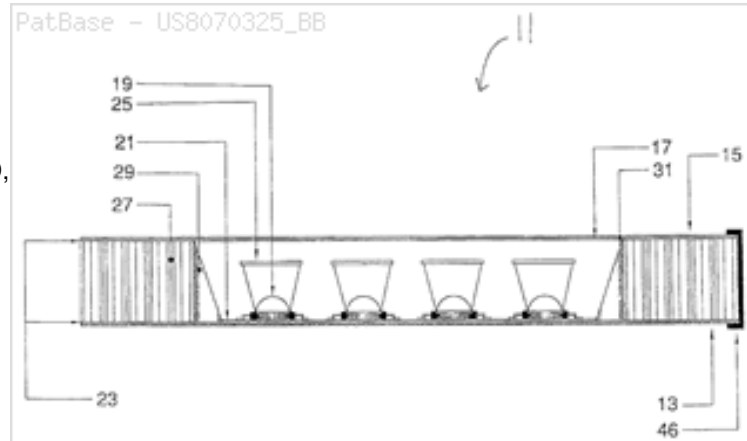
Forward Citations:

WO17037397, WO16108799, WO15066703, WO14064582, WO14026406, WO13042064, WO12055325, WO11146657, WO11121183, WO10080561, WO10047898, WO10047898, WO10042832, USD780974, USD676185, USD671251, USD605787, US9643536, US9635727, US9603222, US9599296, US9590728, US9587821, US9585216, US9574717, US9562678, US9562659, US9557022, US9546781, US9523487, US9510426, US9510400, US9500328, US9476552, US9459399, US9453639, US9453616, US9448353, US9447954, US9441810, US9441801, US9423113, US9398661, US9397275, US9395479, US9395075, US9388969, US9385816, US9366394, US9353939, US9335036, US9295144, US9285084, US9279576, US9273840, US9271367, US9267650, US9244212, US9241392, US9218532, US9184518, US9178615, US9163794, US9148250, US9145678, US9125254, US9113528, US9101026, US9097744, US9072171, US9072133, US9057493, US9014829, US9013119, US9006756, US8956018, US8954170, US8946996, US8928025, US8922126, US8915636, US8901823, US8896232, US8896218, US8894430, US8890435, US8870415, US8870407, US8866408, US8861976, US8841859, US8840282, US8823277, US8807785, US8805550, US8801213, US8783895, US8754589, US8742694, US8740439, US8729833, US8721149, US8674626, US8674616, US8664880, US8653984, US8632204, US8610377, US8610376, US8596813, US8593135, US8585241, US8569771, US8556452, US8552664, US8543249, US8541958, US8540401, US8536802, US8531134, US8523404, US8523394, US8523393, US8454193, US8444292, US8430547, US8421366, US8373362, US8368321, US8362710, US8360599, US8348489, US8339069, US8330381, US8324817, US8299695, US8287144, US8272763, US8262253, US8256924, US8251544, US8232745, US8214084, US8192045, US8138690, US8118447, US8109659, US8066411, US8033684, US7976196, US7946729, US7938562, US7926975, US7857484, US2016178145, US2015259909, US2015085476, US2015007469, US2014368342, US2014254167, US2014027790, US2014003817, US2013193841, US2013141903, US2012257379, US2012140470, US2011254470, US2011175533, US2011101381, US2011051414, US2011050124, US2011050101, US2011050100, US2011049749, US2011038149, US2011028800, US2010315252, US2010295468, US2010259931, US2010182789, US2010102960, US2010102729, US2009267094, US2009257219, US2009059610, US2009059609, TWI418733, KR101542915, JP6087926, JP2014529864, ITTO20110870, GB2481542, GB2481542, GB2461935, GB2461935, GB2459538, FR3025292, FR2986853,

EP2990723, EP2979925, EP2639502, EP2573461, EP2440838, EP2392854, EP2392854, EP2350526, EP2350526, EP2240720, DE202012000683, DE202010003751, DE102012102973, DE102011112710, DE102009017163, DE102008017483, CN104755831, CN103993695, CN103993695, CN103591501, CN103579049, CN103038571, CN102177398,

Abstract:

Source: US2007247842A A light fixture using LEDs includes a lower skin layer possessing heat transfer properties. A circuit board is affixed to the lower skin layer, and a single LED, or a plurality of LEDs, is electrically connected to the circuit board. The single LED, or plurality of LEDs, when electrically activated, emits light through substantially around a vertical axis. The light fixture also includes a core possessing heat transfer properties that is in thermal contact with the LED and has an interior cavity for the LED. The core is affixed to the lower skin layer, and an upper skin layer, containing a window or windows over the LED or LEDs, is affixed to the core. The LEDs may be white, infrared, ultraviolet, and/or colored and may be mounted on a printed circuit board or individually.



57) Family number: 41513338 (US2009272587A)

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Title: QUICK–RECHARGING ENERGY FEEDING SYSTEM FOR MEANS OF TRANSPORT WITH ELECTRIC TRACTION

Priority: EP20070805754 20070801 IT2006TO00610 20060817 WO2007IT00554 20070801

Family:	Publication number	Publication date	Application number	Application date
	<u>CA2660509 AA</u>	20090211	CA20072660509	20070801
	<u>CA2660509 C</u>	20140506	CA20072660509	20070801
	<u>CY1114652 T1</u>	20161214	CY20131101065T	20131127
	<u>DE602007033486 D1</u>	20131219	DE200760033486T	20070801
	<u>DK2069162 T3</u>	20131209	DK20070805754T	20070801
	<u>EP2069162 A2</u>	20090617	EP20070805754	20070801
	<u>EP2069162 B1</u>	20131023	EP20070805754	20070801
	<u>ES2436417 T3</u>	20140102	ES20070805754T	20070801
	<u>ITTO20060610 A1</u>	20080218	IT2006TO00610	20060817
	<u>JP2010501158 T2</u>	20100114	JP20090524310T	20070801
	<u>NO20091139 A</u>	20090515	NO20090001139	20090316
	<u>NO338763 B1</u>	20161017	NO20090001139	20090316
	<u>PT2069162 T</u>	20131125	PT20070805754T	20070801
	<u>SI2069162 T1</u>	20140131	SI20070031350T	20070801
	<u>US2009272587 AA</u>	20091105	US20070376286	20070801
	<u>US7984774 BB</u>	20110726	US20070376286	20070801
	<u>WO08020463 A2</u>	20080221	WO2007IT00554	20070801
	<u>WO08020463 A3</u>	20080417	WO2007IT00554	20070801

Probable Assignee: SEQUOIA AUTOMATION SRL**Assignee(s):^(std):** IPPOLITO MASSIMO ; SEQUOIA AUTOMATION S R L ; SEQUOIA AUTOMATION SRL**Assignee(s):** SEQUOIA AUTOMATION SRL CHIERI**Inventor(s):^(std):** IPPOLITO MASSIMO**Inventor(s):** MASSIMO IPPOLITO**Agent(s):** BORDEN LADNER GERVAIS LLP; PATENTANWALT SKANZLEI MEYER; GARAVELLI PAOLO; LAZCANO JESUS; SHELDON MAK ROSE AND ANDERSON PC; SHELDON MAK AND ANDERSON PC; DAVID A

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT HW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class ^(IPC 8-9): B60L11/18 B60L5/00 B60L5/42 B60L8/00 B60L9/30 B60M7/00 H01M10/44 H02J7/00 H02J7/02 (Advanced/Invention);
B60L11/00 B60L11/18 B60L5/00 B60L8/00 B60M7/00 H01M10/42 H02J7/00 H02J7/02 (Core/Invention)

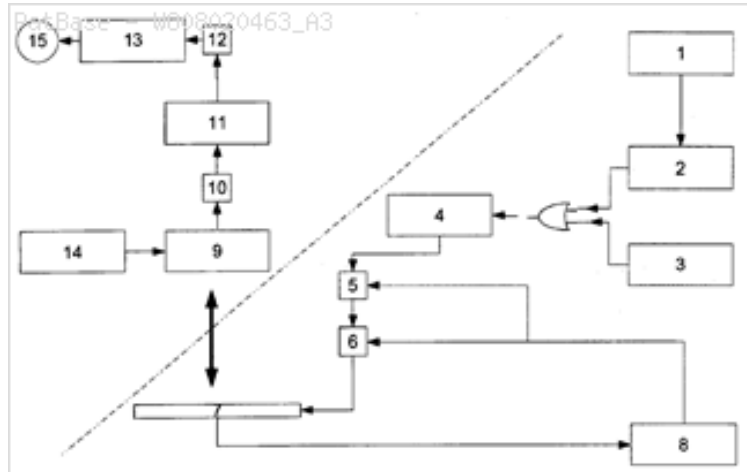
CPC: B60L2200/26 B60M7/003 B60L5/42 B60L8/003 B60L11/1818 Y02T10/7005 Y02T10/7083 Y02T10/7094 Y02T90/14 Y02T10/7072**European class:** B60L11/18L4A B60L5/42 B60L8/00B B60M7/00B Y02T10/70B Y02T10/70J2B Y02T10/70J4B Y02T90/12B Y02T90/14**US class:** 180/2.1 180/65.1 180/65.100P 320/101 320/101S 320/104 320/104S 320/109 320/109S[Classification Explorer](#)**Cited documents:**

USRE29994 E, US7451839 BB, US7451839 B1, US7248017 BB, US7248017 B1, US6557476 BB, US6557476 B1, US5821728 A, US5573090 A, US4158802 A, JP9028922 A2, JP2091437 U1, JP2005086876 A2, JP2002238107 A2, JP2001163088 A2, GB2185866 A1, FR2794695 A1, FR2271952 A1, EP1228919 A2,

Forward Citations: WO15145473, WO11065816, WO11065816, US9393878, US9114719, US8890472, US8841881, US8725330, US2015328998, US2010231163, NL1037508, KR20160043432, KR101629166, JP2014150642, JP2013027159, EP2682963, CN103531354,

Abstract:

Source: US2009272587A A quick-recharging energy feeding system is described, for a transport vehicle with electric traction, performed in every foreseen stop of the vehicle by means of a connection that can be directly and automatically performed next to such stop, through a road bed, comprising at least one recharging subsystem arranged on the vehicle and at least one stationary system cooperating with the recharging subsystem for transmitting electric energy.



58) Family number: 41580210 (WO08025234A1)

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Title: SPECIAL PLATFORM FOR GENERATING ELECTRICITY USING SOLAR ENERGY
Priority: CN200610030184 20060818 CN200710145137 20070817 WO2007CN002478 20070817
Family:

Publication number	Publication date	Application number	Application date
CN101143616 A	20080319	CN200710145137	20070817
CN101143616 B	20111228	CN200710145137	20070817
EP2058222 A1	20090513	EP20070800703	20070817
WO08025234 A1	20080306	WO2007CN002478	20070817

Probable Assignee: PAN GE
Assignee(s):^(std): GE PAN ; PAN GE
Inventor(s):^(std): GE PAN ; PAN GE
Agent(s): SCHRELL ANDREAS ET AL; SHANGHAI ZHI XIN PATENT AGENT LTD
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8-9): [B63B35/00](#) [B63B35/44](#) [F24J2/00](#) [H01L31/042](#) [H02N6/00](#) [H02S20/00](#) (Advanced/Invention);
[F24J2/00](#) (Advanced/Non-invention);
[B63B35/00](#) [B63B35/44](#) [F24J2/00](#) [H01L31/042](#) [H02N6/00](#) (Core/Invention);
[F24J2/00](#) (Core/Non-invention)

CPC: [H02S20/00](#) [F24J2/5269](#) [B63B35/34](#) [B63B2035/4453](#) [F24J2/06](#) [Y02B10/10](#) [Y02B10/20](#) [Y02E10/44](#) [Y02E10/47](#) [Y02E10/50](#)

European class: [B63B35/34](#) [F24J2/06](#) [F24J2/52C2](#) [H01L31/042B](#) [L63B35/44E5](#) [Y02B10/10](#) [Y02B10/20](#) [Y02E10/44](#) [Y02E10/47](#) [Y02E10/52](#)

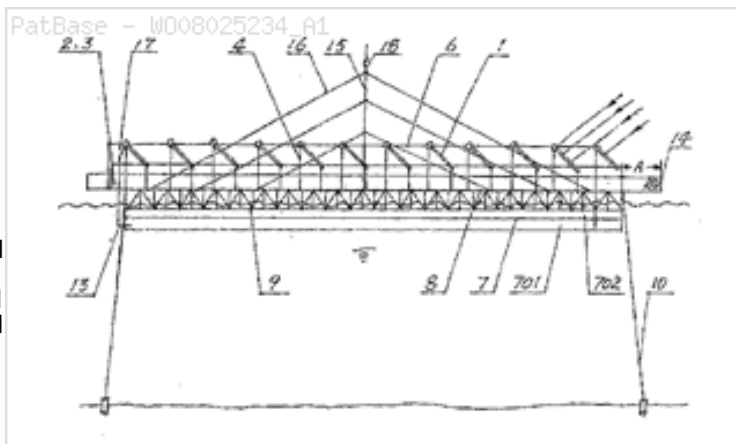
[Classification Explorer](#)

Cited documents: US4339626 A, US4187123 A, US3976508 A, JP2006005306 A2, JP2003020927 A2, JP2002173083 A2, CN2616470 Y, CN1657360 A, CN1612360 A, CN1536290 A, CN1464246 A,

Forward Citations: WO14131782, WO11055900, WO11055900, US8037931, KR101195627, KR101165739, FR2988164, FR2968386, FR2968267, EP2299499, EP2299499, CN104320044, CN104320044, CN104065330, CN104065329, CN104058073, CN103498558, CN103498558, CN103411639, CN103395480, CN103346697, CN102957346, CN102263415, CN102158139, CN101508329,

Abstract:

A special platform for generating electricity using solar energy comprises a water platform and a solar energy photoelectricity conversion equipment fixed on said platform. Said water platform comprises a floating body (7), a platform or deck (8), and a truss structure (9). Said solar energy photoelectricity conversion equipment makes use of a solar energy photoelectrical or photoelectrical-photothermal mixed concentrator (1) with glass tube structure, and said concentrator (1) is provided with a cooling circulative system (13). And said solar energy photoelectricity conversion equipment has a matrix array against the sunlight direction and directly or indirectly connects to a land electricity net. Said special platform enhances its anti-storm stability, reduces its weight and building and maintenance cost, and can be mounted on different water areas.



59) Family number: 34175479 (US2009310340A)

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Title: BATTERY POWERED ELECTRICAL FIRE**Priority:** GB20060023463 20061124 WO2007EP62752 20071123

Family:	Publication number	Publication date	Application number	Application date
	CN101558266 A	20091014	CN200780045593	20071123
	EP2097678 A2	20090909	EP20070847301	20071123
	GB200623463 A0	20070103	GB20060023463	20061124
	GB2444072 A1	20080528	GB20060023463	20061124
	GB2444072 B2	20090819	GB20060023463	20061124
	US2009310340 AA	20091217	US20070312729	20071123
	WO08062060 A2	20080529	WO2007EP62752	20071123
	WO08062060 A3	20081030	WO2007EP62752	20071123

Probable Assignee: BASIC HOLDINGS**Assignee(s):**^(std): BASIC HOLDINGS ; BETZ MARTIN ; O COIMIN AUBREY**Inventor(s):**^(std): BETZ MARTIN ; O COIMIN AUBREY ; MARTIN BETZ ; AUBREY O COIMIN**Inventor(s):** O'COIMIN AUBREY**Agent(s):** MOORE BARRY; KUSNER AND JAFFE,HIGHLAND PLACE SUITE 310; KUSNER AND JAFFE HIGHLAND PLACE SUITE 310; HANNA MOORE AND CURLEY ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [F21L4/00](#) [F21S10/04](#) [F24C7/00](#) [F24C7/10](#) ^(Advanced/Invention);
^(IPC 8-9): [F21L4/00](#) [F21S10/00](#) [F24C7/00](#) [F24C7/10](#) ^(Core/Invention)

CPC: [F24C7/004](#) [F21S10/04](#) [F24C7/105](#)**European class:** [F24C7/00A2](#) [F24C7/10B](#) [R21S10/04](#)**US class:** [362/157](#) [362/183](#)[Classification Explorer](#)

Cited documents: WO07021188 A2, US7093949 BB, US6691440 BA, US6050011 A, US5924784 A, US2006191529 AA, US2006101681 AA, US2005097792 AA, US2002080601 AA, GB2412429 A1, GB2391614 A1, GB2372807 A1, GB2346686 A1, GB2338058 A1, GB2323159 A1, GB2322185 A1, EP1659340 A2, EP1655543 A1, EP0916892 A1, DE20103429 U1,

Forward Citations: WO16193340, WO11041923, WO10030924, WO10030924, USD762290, US9447937, US9200810, US9068706, US2014313703, US2014268772, US2012069554, US2011286725, CN101871618, CN101749746,

Source: US2009310340A An electric fire configured to provide a simulated fire effect in response to activation of at least one light source. The fire including a battery which is useable to provide power to the at least one light source. The fire having a chassis providing a mount for the light source and a screen for displaying the fire effects and wherein the simulated fire effect is a flame effect and the screen displays flames in response to the light source output. The battery is a rechargeable battery. The fire includes a power connector which may be used to provide for a recharging of the battery such that the fire can be used independently of a mains power supply.

PCT/JP2007/062753



60) Family number: 42139249 (WO08105913A2)

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Title: TOPOLOGIES, SYSTEMS AND METHODS FOR CONTROL OF SOLAR ENERGY SUPPLY SYSTEMS

Priority: EP20070873764 20070808 US20060821811P 20060808 US20060822924P 20060818 WO2007US75531 20070808

Family:	Publication number	Publication date	Application number	Application date
	<u>AU2007347697 AA</u>	20080904	AU20070347697	20070808
	<u>AU2007347697 BB</u>	20120830	AU20070347697	20070808
	<u>CA2656081 AA</u>	20081217	CA20072656081	20070808
	<u>CA2656081 C</u>	20151124	CA20072656081	20070808
	<u>CN101681951 A</u>	20100324	CN200780029461	20070808
	<u>CN101681951 B</u>	20120704	CN200780029461	20070808
	<u>CN102723390 A</u>	20121010	CN201210135234	20070808
	<u>DE602007043447 D1</u>	20151112	DE200760043447T	20070808
	<u>EP2076719 A2</u>	20090708	EP20070873764	20070808
	<u>EP2076719 B1</u>	20151007	EP20070873764	20070808
	<u>EP3057137 A1</u>	20160817	EP20150180312	20070808
	<u>IN02710MN2008 A</u>	20090320	IN2008MN02710	20081219
	<u>JP2010506125 T2</u>	20100225	JP20090523986T	20070808
	<u>WO08105913 A2</u>	20080904	WO2007US75531	20070808
	<u>WO08105913 A3</u>	20091119	WO2007US75531	20070808

Probable Assignee: KINEO DESIGN GROUP LLC**Assignee(s):**^(std): KINEO DESIGN GROUP LLC ; PLAISTED JOSHUA REED ; PVT SOLAR INC**Assignee(s):** PVT SOLAR INC2607 7TH STREET, SUITE GBERKELEYCA94710US ; PVT SOLAR INC BERKELEY**Inventor(s):**^(std): PLAISTED JOSHUA REED ; REED PLAISTED JOSHUA**Inventor(s):** PLAISTED JOSHUA REEDUS ; PLAISTED JOSHUA REED OAKLAND ; JOSHUA REED PLAISTED**Agent(s):** PIZZEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS; PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SMITHS IP; SAMSON AND PARTNER PATENTANWAELE MBB; POTTER JULIAN MARK; MAHAMEDI VAN**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): F24D11/00 F24D19/10 F24D5/02 F24D5/10 F24F3/14 F24J2/00 F24J2/04 F24J2/40 F24J2/42 G05D23/00 G05D7/00 G5D23/00 H01L31/048 H01L31/05 H01L31/052 H01L31/056 H01L31/058 H02S20/23 H02S40/44 (Advanced/Invention);
F24D11/00 F24D19/10 F24D5/02 F24D5/10 F24F3/14 F24J2/00 F24J2/40 H02S20/23 H02S40/44 (Advanced/Non-invention);
F24D19/00 F24J2/00 F24J2/04 F24J2/40 F24J2/42 G05D23/00 G05D7/00 H01L31/048 H01L31/058 (Core/Invention)

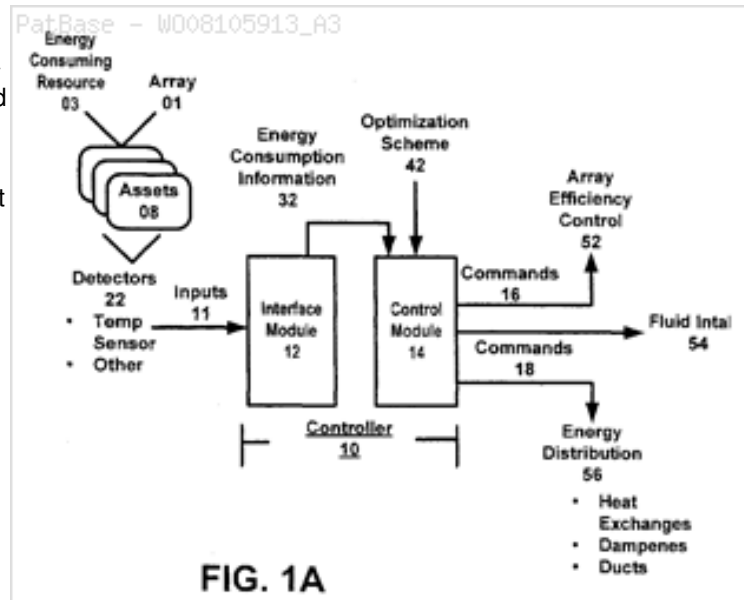
International class
(IPC 1-7): F24J2/40**CPC:** Y02B10/12 F24D5/02 F24D5/10 F24D11/007 F24D19/109 F24H2240/00 F24J2/40 F24J2002/0092 F24J2200/04 Y02B10/20 Y02B10/70 Y02E10/40 Y02E10/60 H02S20/23 H02S40/44 F24F3/1423 Y02E10/52**European class:** F24D11/00D2 F24D19/10D3 F24D5/02 F24D5/10 F24F3/14C2 F24J2/40 H01L31/048B H01L31/058 R24H240/00 R24J2/00P30 R24J200/04 Y02B10/20 Y02B10/40 Y02B10/70

Cited documents: US6201179 BA, US2005199278 AA, US2002121298 AA, JP2006120960 A2, JP2006057956 A2, JP2005257141 A2, JP2005137143 A2, JP2004320823 A2, JP2003050056 A2, JP2002233077 A2, JP2001515198 T2, EP1873843 A2, EP0614058 A2, DE19804685 A1,

Forward Citations: US9353973, US9270225, US8686279, US8669462, US2013081394, TWI424657, JP2013002665, FR2975830, EP2527759, EP2518230, EP2492600, EP2256434, DE102014110892, CN104184152, CN104184152, CN103712292, CN103712292, CN102169355,

Abstract:

A control system or controller solar module array may be operated by (i) programmatically determining, for a given time period, a demand for an output of the solar module array by one or more energy consuming resources at the target location; and (ii) affecting an efficiency of the solar module array based at least in part on the determined demand.



61) Family number: 42562910 (CN201116687Y)**Title:** Solar energy sticking lamp**Priority:** CN200720170430U 20071029

Family:	Publication number	Publication date	Application number	Application date
	<u>CN201116687 Y</u>	20080917	CN200720170430U	20071029

Probable Assignee: SHUYAO FENG**Assignee(s):^(std):** SHUYAO FENG**Assignee(s):** FENG SHUYAO**Inventor(s):^(std):** SHUYAO FENG ; ZITAO ZHANG**Inventor(s):** FENG SHUYAO ; ZHANG ZITAO

International class F21S9/03 F21V21/092 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21S9/00 F21V21/08 F21V23/04 (Core/Invention)

[Classification Explorer](#)**Abstract:**

Source: CN201116687Y The utility model relates to a solar adhering lamp, which belongs to the field of lighting fixtures. A lighting lamp of the prior art is a lamp which substantially uses an alternating current as an energy, and the energy is needed to be consumed when using. The utility model comprises a bulb (4), a switch (5), a sucker (1), a solar panel (2) and a solar battery (3), wherein the solar panel (2), the solar battery (3), the bulb (4) and the switch (5) are respectively arranged with the sucker (1) together, the solar panel (2) and the solar battery (3) are connected through the solar battery (3), the solar battery (3) and the bulb (4) are connected through wires and the switch (5), the bottom surface of the sucker (1) is coated with a layer of adhesive, the shape of the sucker (1) and a surface of the solar panel (2) which corresponds to the solar panel (2) is round or rectangular or elliptic or prismatic. The utility model is capable of being conveniently bonded on bed heads, tabletops or other places where need to light for people at night, thereby saving electric energy.

0) GB200706391A – SOLAR POWERED NIGHT READER

62) Family number: 34532858 (GB200706391A)

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Title: Solar powered night reader

Priority: GB20070006391 20070402

Family:	Publication number	Publication date	Application number	Application date
	GB200706391 A0	20070509	GB20070006391	20070402
	<u>GB2448135 A1</u>	20081008	GB20070006391	20070402

Probable Assignee: DARNELL SIMON C

Assignee(s):^(std) DARNELL LUKE A ; DARNELL LUKE ANTHONY ; DARNELL SIMON C ; DARNELL SIMON CHARLES

Assignee(s): LUKE ANTHONY DARNELL ; SIMON CHARLES DARNELL

Inventor(s):^(std) DARNELL LUKE ANTHONY ; DARNELL SIMON CHARLES

Inventor(s): LUKE ANTHONY DARNELL ; SIMON CHARLES DARNELL

International class
(IPC 8-9): B42D3/12 F21V33/00 (Advanced/Invention) ;
F21W131/30 (Advanced/Non-invention)

CPC: F21S9/037 B42D3/123 F21W2131/3005 F21V33/0048

European class: B42D3/12B F21S9/03W F21V33/00A8 R21W131/30B

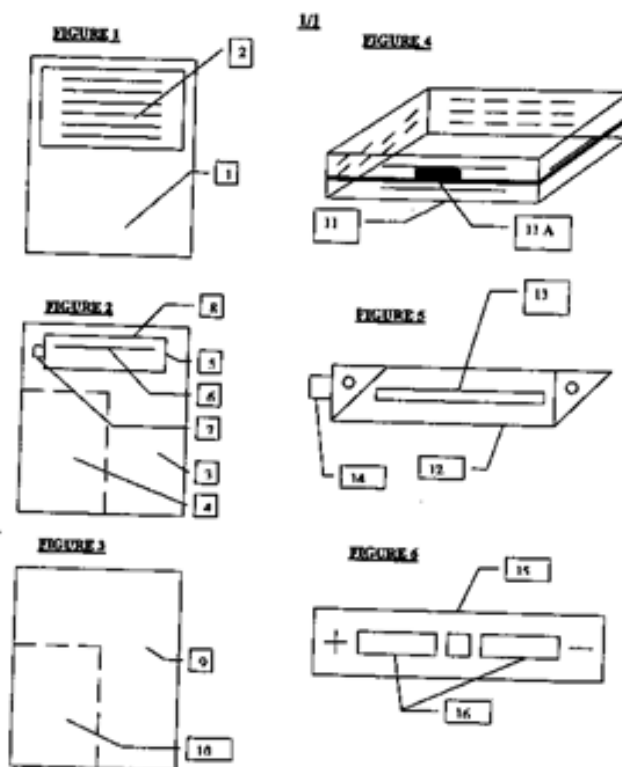
[Classification Explorer](#)

Cited documents: WO9533624 A1, WO05079432 A2, GB1481491 A,

Abstract:

Source: GB200706391A A solar powered night reader unit includes a solar panel on the front cover which charges batteries (16, figure 6) in a battery compartment (15, figure 6). The rechargeable batteries power the bulb 6 (13, figure 5) held in reflector/deflector 5 (12, figure 5) which is controlled by an on/off time switch 7 (14, figure 5). A book is held in position by sleeves 4, (10, figure 3) and the solar panel night reader is locked by lock and clasp (11, 11a, figure 4).

PatBase - GB2448135_A1



0) US2008289678A – LIGHT RECAPTURING SYSTEM AND METHOD

63) Family number: 42586601 (US2008289678A)

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Title: LIGHT RECAPTURING SYSTEM AND METHOD

Priority: US20070754111 20070525 US20100848622 20100802

Family:	Publication number	Publication date	Application number	Application date
	<u>US2008289678 AA</u>	20081127	US20070754111	20070525
	<u>US2010298912 AA</u>	20101125	US20100848622	20100802
	<u>US8633372 BB</u>	20140121	US20100848622	20100802

Probable Assignee: ROUDA TRACE

Assignee(s):^(std): ROUDA TRACE

Inventor(s):^(std): ROUDA TRACE

Agent(s): STANDLEY LAW GROUP LLP

International class
(IPC 8-9): A61N5/06 G01J1/20 H01L31/00 H01L31/042 H02J15/00 H02J17/00 H02N6/00
H05B37/00 H05B41/46 (Advanced/Invention);
G01J1/10 H02J15/00 H02J17/00 H02N6/00 (Core/Invention)

CPC: F21S8/04 H02J7/355 F21S9/037 H02S99/00 F21Y2103/30 F21Y2103/00 F21Y2115/10

European class: H02N6/00 T02J7/35M

US class: 136/243 136/244 136/252 250/201.1 250/201.100S 250/216 250/216S 315/176 315/176S
315/87 607/91 607/91P

[Classification Explorer](#)

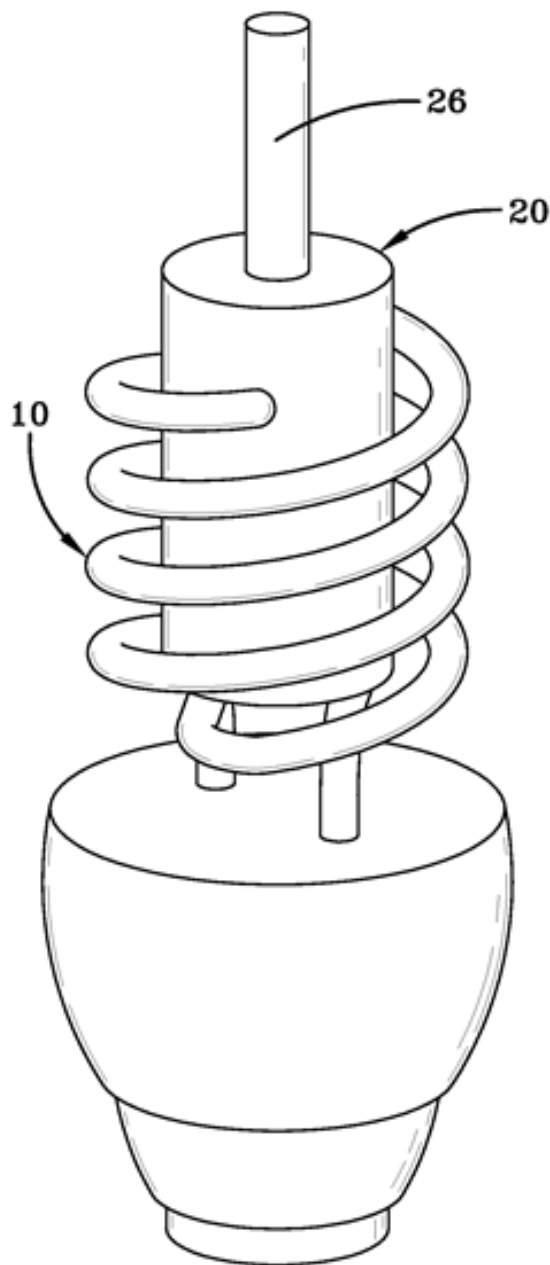
Cited documents: US7083282 BA, US7080932 BB, US7080932 B1, US6784357 BA, US6637916 BB, US4918357 A, US4816970 A, US4568521 A, US4421943 A, US4379324 A, US4374406 A, US2007112349 AA, US2007062572 AA, US2007026571 AA, US2007012349 AA, US2005257827 AA, US2003223230 AA,

Forward Citations: WO13075804, WO13053474, US9647162, US2012229072, US2012187763, US2012186627, US2010307586, US2010024801, AT12595,

Abstract:

Source: US2008289678A A system for recapturing light emitted by a light source and converting that light into electrical current which can be used to power the same light source or other devices. An exemplary embodiment may use photovoltaic cells to recapture light from ceiling lights and convert it into a source of power for the ceiling light. Another embodiment may be a tanning bed that recaptures light using photovoltaic cells. Some embodiments may recapture light from multiple lighting fixtures. An exemplary embodiment may include a computer and battery for storing energy produced by the photovoltaic cells. Another exemplary embodiment is a method of recapturing light emitted by a light source and converting the light into energy which can be used to power electrical activities.

PatBase - US8633372_BB



0) FR2917810B – UNITE D'ECLAIRAGE A CONFIGURATION VARIABLE

64) Family number: 42768609 (FR2917810B)

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Title: UNITE D'ECLAIRAGE A CONFIGURATION VARIABLE

Priority: FR20070004456 20070621

Family:	Publication number	Publication date	Application number	Application date
	FR2917810 A1	20081226	FR20070004456	20070621
	FR2917810 B1	20121005	FR20070004456	20070621

Probable Assignee: CLEMENT LUDOVIC

Assignee(s):^(std): CLEMENT LUDOVIC

Assignee(s): LUDOVIC CLEMENT

Inventor(s):^(std): CLEMENT LUDOVIC

Inventor(s): LUDOVIC CLEMENT

Agent(s): CABINET MOUTARD

International class [F21S8/02 F21V21/08](#) (Advanced/Invention);
(IPC 8-9): [F21S8/02 F21V21/08](#) (Core/Invention)

CPC: [F21V21/002 H01R4/2404 H01R33/09](#)

European class: [F21V21/002 H01R4/24A T01R33/09](#)

[Classification Explorer](#)

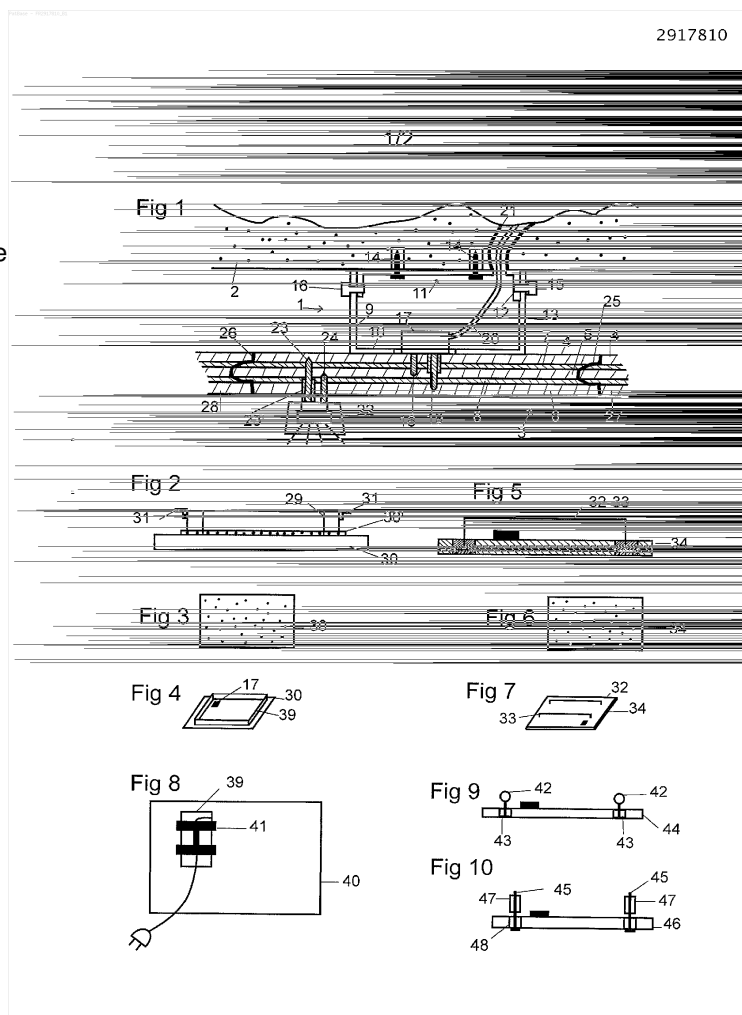
Cited documents: WO05028774 A2, WO04063484 A1, US5010463 A, US4402151 A, US3522474 A, EP1035369 A2,

Forward Citations: FR2963489, CN104191396,

Abstract:

The lighting unit has a rigid structure (1) fixed on a support e.g. ceiling (2) in a removable manner. Another structure has multilayer plate (3) whose two layers (7, 8) are electrically conductive and are isolated from one another, where the latter structure is fixed or integrated to the structure (1). A light source (22) is fixed in a place of the plate, having two coaxial electrically conducting pins (23, 24) fitted in the plate for electrical connection with the corresponding layers. The layers have a supply circuit that is housed in the structure (1).

2917810



65) Family number: 42800976 (US2009014049A)

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Title: PHOTOVOLTAIC MODULE WITH INTEGRATED ENERGY STORAGE**Priority:** US20070777393 20070713

Family:	Publication number	Publication date	Application number	Application date
	TW200915587 A	20090401	TW20080126580	20080711
	TWI504000 B	20151011	TW20080126580	20080711
	US2009014049 AA	20090115	US20070777393	20070713
	WO09011794 A2	20090122	WO2008US08516	20080711
	WO09011794 A3	20090409	WO2008US08516	20080711

Probable Assignee: MIASOLE**Assignee(s):**^(std): GUR ILAN ; HANERGY HOLDING GROUP LTD ; HARRIS DAVID ; JAISWAL SHEFALI ; MIASOLE ; PAULSON PUTHUR ; SANDERS WILLIAM ; TARBELL BEN**Inventor(s):**^(std): GUR ILAN ; HARRIS DAVID ; JAISWAL SHEFALI ; PAULSON PUTHUR ; SANDERS WILLIAM ; TARBELL BEN**Agent(s):** FOLEY AND LARDNER LLP, SUITE 500; FOLEY AND LARDNER LLP SUITE 500; RADOMSKY LEON ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): [H01L31/042](#) (Advanced/Invention);
[H01L31/042](#) (Core/Invention)**CPC:** [H02S40/38](#)**European class:** [H01L31/058C Y02E10/50](#)**US class:** [136/244](#)[Classification Explorer](#)**Cited documents:** US6974976 BB, US6600100 BB, US6488824 BA, US6372538 BA, US6365010 BA, US6231732 BA, US6201180 BA, US5814195 A, US5626688 A, US5474621 A, US5391235 A, US2010032009 AA, US2008000518 AA, US2007277870 AA, US2005241692 AA, US2005109392 AA, US2003047209 AA, US2001054262 AA, KR20050117934 A, JP2004253475 A2,**Forward Citations:** WO15075625, US9647160, US9620660, US9379265, US9352342, US9309592, US9284639, US9236512, US9169548, US9164525, US9061344, US9059351, US9018513, US9006563, US8951824, US8921967, US8884155, US8879239, US8829333, US8822810, US8729385, US8709548, US8709335, US8697980, US8664030, US8586857, US8561878, US8389321, US8338214, US8319097, US8313976, US8304646, US8222513, US8198696, US8138413, US8134069, US8115095, US8110738, US8110737, US8076568, US8076174, US8058752, US8048707, US8017976, US7989693, US7989692, US7935558, US7927912, US7898054, US7898053, US7897020, US7868249, US7851700, US7785921, US2013249293, US2013206203, US2013016450, US2012312358, US2012085385, US2012080508, US2011253214, US2011192448, US2011171395, US2011162696, US2011070678, US2011067754, US2011056537, US2011024285, US2010310783, US2010307915, US2010307559, US2010269902, US2010269887, US2010258191, US2010229942, US2010228398, US2010224230, US2010218824, US2010212733, US2010212732, US2010207455, US2010133093, US2010122730, US2010043863, US2009235979, US2009223552, US2009199894, US2009173374, US2009145551, US2009111206, US2008314432, TWI565021, TWI416743, KR101408046, DE102011005143, CN105553417, CN103165293,

Source: US2009014049A A photovoltaic module includes a first photovoltaic cell, a second photovoltaic cell and an energy storage device, such as a battery or capacitor, integrated into the module.

66) Family number: 42800823 (US2009013596A)

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Title: WOOD–DRYING SOLAR GREENHOUSE
Priority: US20070949860P 20070715 US20080172248 20080713 WO2008US69905 20080713
Family:

Publication number	Publication date	Application number	Application date
CN101801174 A	20100811	CN200880105736	20080713
CN101801174 B	20120215	CN200880105736	20080713
US2009013596 AA	20090115	US20080172248	20080713
US7748137 BB	20100706	US20080172248	20080713
WO09012190 A1	20090122	WO2008US69905	20080713

Probable Assignee: GREENBIO SHANGHAI CROP**Assignee(s):**^(std): GREENBIO SHANGHAI CROP ; WANG YIN**Inventor(s):**^(std): WANG YIN ; YIN WANG**Agent(s):** SHULONG LI; LI SHULONG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8–9): [A01G9/14 F26B17/00 F26B3/32](#) (Advanced/Invention);
[A01G9/14 F26B17/00 F26B3/32](#) (Core/Invention)

CPC: [Y10T428/249924 Y10T428/662 A01G9/22 A01G9/243 F26B3/28 F26B21/06 F26B25/08 F26B2210/16 Y02P60/124](#)

European class: [A01G9/22 A01G9/24C F26B21/06 F26B25/08 F26B3/28 R26B210/16](#)

US class: [144/364 34/210 34/218 34/239 34/381 34/396 34/522 34/522S 34/90 428/292.1 428/541 428/541S 435/419 47/17 47/17P 47/61 47/64 800/284](#)

[Classification Explorer](#)

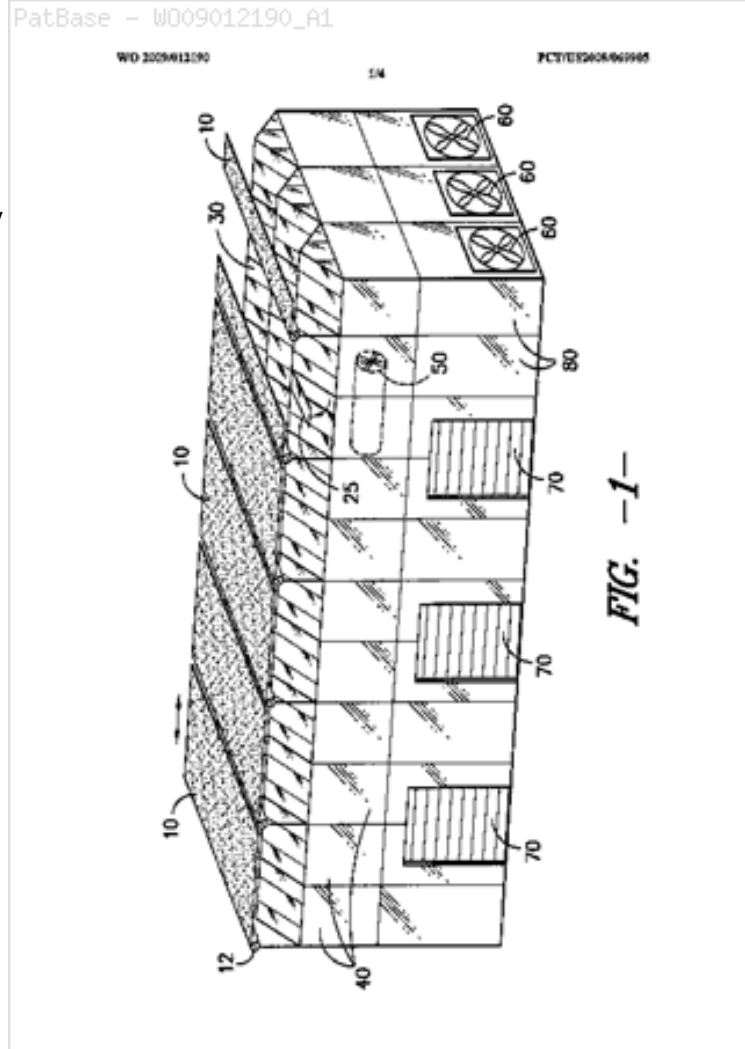
Cited documents: WO07002733, USRE31023 E, US7650939 BB, US7629400 BB, US7625624 BB, US7624801 BB, US7617617 BB, US7612735 BB, US7610692 BB, US7597855 BB, US7591505 BB, US7498398 BB, US7487601 BB, US7461691 BB, US7438261 BB, US7434332 BB, US7382332 BB, US7381550 BB, US7340845 BB, US7287558 BB, US7275569 BB, US7240440 BB, US7225866 BB, US7220365 BB, US7204041 BA, US7182268 BB, US7181865 BB, US7169489 BB, US7165615 BB, US7156176 BB, US7138173 BB, US7135332 BB, US7128153 BB, US7118852 BB, US7114566 BB, US7107706 BA, US7104319 BB, US7100994 BB, US7096942 BA, US7090013 BB, US7086465 BB, US7077199 BB, US7077198 BB, US7066257 BB, US7066254 BB, US7063145 BB, US7055600 BB, US7051811 BB, US7051808 BA, US7051807 BB, US7043920 BB, US7040400 BB, US7040399 BB, US7040398 BB, US7040397 BB, US7033781 BA, US7032660 BB, US7028478 BB, US7024800 BB, US7024799 BB, US7024796 BB, US7013972 BB, US7011154 BB, US7009665 BB, US7004251 BB, US7004247 BB, US6997518 BB, US6994169 BB, US6991045 BB, US6991036 BB, US6991033 BB, US6991032 BB, US6981548 BB, US6969123 BB, US6966374 BB, US6965816 BB, US6964300 BB, US6951247 BB, US6948562 BB, US6941677 BB, US6932155 BB, US6929067 BB, US6923257 BB, US6922911 BB, US6918443 BB, US6918442 BB, US6915850 BB, US6912018 BB, US6897936 BA, US6883251 BB, US6880633 BB, US6877555 BB, US6868621 BA, US6865825 BB, US6845569 BA, US6797366 BB, US6782947 BB, US6772535 BB, US6758211 BA, US6725598 BB, US6710823 BB, US6705043 BA, US6695692 BA, US6691427 BA, US6688018 BB, US6671008 BA, US6598398 BB, US6583827 BB, US6559903 BB, US6531230 BA, US6530160 BA, US6501014 BA, US6438862 BA, US6399359 BA, US6389814 BB, US6389772 BB, US6293121 BA, US6243968 BA, US6233841 BA, US6230501 BA, US6230480 BA, US6230421 BA, US6202321 BA, US6199214 BA, US6170264 BA, US6170264 B1, US6110429 A, US6039774 A, US5992048 A, US5979170 A, US5979074 A, US5950326 A, US5940150 A, US5931001 A, US5873181 A, US5873178 A, US5866752 A, US5836085 A, US5813168 A, US5784805 A, US5746653 A, US5727388

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 US2006273223 AA, US2006254081 AA, US2006254080 AA, US2006254079 AA,
 US2006213657 AA, US2006206246 AA, US2006201024 AA, US2006178445 AA,
 US2006174965 AA, US2006131928 AA, US2006101881 AA, US2006101665 AA,
 US2006053791 AA, US2006049305 AA, US2006033674 AA, US2006026017 AA,
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 US2004210056 AA, US2004207566 AA, US2004194371 AA, US2004194335 AA,
 US2004160538 AA, US2004077090 AA, US2004061819 AA, US2004040715 AA,
 US2004031282 AA, US2004025366 AA, US2004023087 AA, US2004020642 AA,
 US2004016769 AA, US2004003592 AA, US2003221333 AA, US2003209348 AA,
 US2003208923 AA, US2003205378 AA, US2003201098 AA, US2003196810 AA,
 US2003196801 AA, US2003196789 AA, US2003196788 AA, US2003194692 AA,
 US2003192693 AA, US2003192691 AA, US2003183390 AA, US2003178191 AA,
 US2003173085 AA, US2003173082 AA, US2003173081 AA, US2003173080 AA,
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 US2002041346 AA, US2001045104 AA, US2001015061 AA, US1954674 A, US1946814
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 US1328655 A, JP6159934 A2, JP4317697 A2, JP3156282 A2, CH641743 B, CH641743
 A3, CH641743,

Forward Citations: WO16089979, WO13131203, USD640798, US9461229, US9322574, US9291367, US9200799, US9170035, US8915244, US8898927, US8887712, US8839551, US8752542, US8748731, US8701307, US8695281, US8590206, US8547669, US8544488, US8453343, US8342102, US8250778, US8201501, US8186100, US8104190, US8056256, US7975398, US7963048, US7748137, US7676953, US7596882, US2015366261, US2014208641, US2014041248, US2014026474, US2013220305, US2013212901, US2013137053, US2013042523, US2013032186, US2012174961, US2012144739, US2012137577, US2012018045, US2010236164, US2010212659, US2010186308, US2010091257, US2010064541, US2009191808, US2008161972, US2008110043, US2007044341, US2006275727, ES2390553, CN104976872, CN104115706, CN104115706, CN103749211, CN103353208, CN103353208, CN103314808, CN102840742, CN102840742,

Abstract:

Source: US2009013596A A method of drying comprises placing a moist material inside a substantially enclosed solar greenhouse. The greenhouse comprises at least one light transmission roof and/or wall panel that is substantially transparent to solar radiation, but resistant to convective and conductive heat transfer. The interior temperature and humidity of the greenhouse are maintained within their pre-determined ranges while the interior moisture of the greenhouse is effectively reduced to allow a controlled drying of the material. A solar greenhouse for the drying process is also disclosed.



67) Family number: 42853992 (US2009019748A)

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Title: MOBILE DISPLAY SYSTEM AND METHOD**Priority:** US20070779117 20070717

Family:	Publication number	Publication date	Application number	Application date
	<u>US2009019748 AA</u>	20090122	US20070779117	20070717

Probable Assignee: PALM TREE MOBILE BILLBOARDS INC**Assignee(s):^(std):** PALM TREE MOBILE BILLBOARDS IN**Assignee(s):** PALM TREE MOBILE BILLBOARDS INC**Inventor(s):^(std):** ROSARIUS PAUL**Agent(s):** EDWARD M LIVINGSTON PA

International class G06F7/00 G09F21/04 (Advanced/Invention);
 (IPC 8-9): G06F7/00 G09F21/00 (Core/Invention)

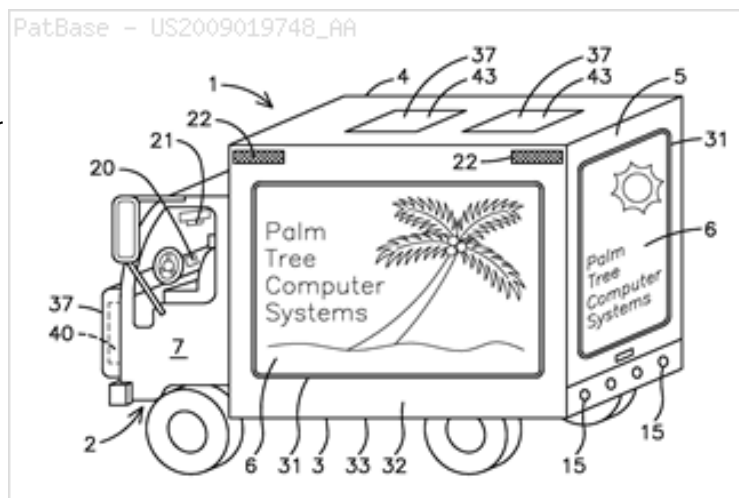
CPC: G09F21/048 G09F21/04**European class:** G09F21/04**US class:** 40/591 701/36[Classification Explorer](#)

Cited documents: US7195405 BB, US7131226 BB, US7048318 BB, US6702351 BB, US6598327 BA, US6122850 A, US5918924 A, US5695346 A, US5005893 A, US4934752 A, US2007062084 AA, US2006191180 AA, US2005005487 AA, US2005005484 AA,

Forward Citations: WO12064681, WO12064681, WO10148944, US9440525, US9071809, US8152337, US7936564, US2012251072, US2011116232, US2010277915, EP2317494, CN104376807,

Abstract:

Source: US2009019748A A mobile display system (1) and method which utilizes a plurality of light emitting diodes (LED's) (29) to create a display (6) located on a side (3 and/or 30) and/or rear section (5) and/or front section (44) of a vehicle (2). The vehicle (2) has a first side (3), a second side (30), a rear section (5), a front section (44), a bottom section (33) and a top section (4). A means for powering (37) the at least one display (6) may be batteries (38), at least one generator (39), the motor (40) of the vehicle (2), solar panels (43) and other power supply means.



68) Family number: 40833528 (US2010259159A)

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Title: LIGHT EMITTING AND/OR RECEIVING APPARATUS

Priority: EP20080788553 20080908 GB20070017798 20070912 WO2008GB03022 20080908
WO2008GB03022 20080809

Family:	Publication number	Publication date	Application number	Application date
	<u>CN101828263 A</u>	20100908	CN200880111707	20080908
	<u>CN101828263 B</u>	20130313	CN200880111707	20080908
	<u>DE602008035698 D1</u>	20150115	DE200860035698T	20080908
	<u>EP2195845 A2</u>	20100616	EP20080788553	20080908
	<u>EP2195845 B1</u>	20141203	EP20080788553	20080908
	GB200717798 A0	20071024	GB20070017798	20070912
	<u>GB2452737 A1</u>	20090318	GB20070017798	20070912
	<u>GB2452737 B2</u>	20110914	GB20070017798	20070912
	<u>JP2010539648 T2</u>	20101216	JP20100524563T	20080908
	<u>JP5357881 B2</u>	20131204	JP20100524563T	20080908
	<u>US2010259159 AA</u>	20101014	US20080733622	20080809
	<u>US8358064 BB</u>	20130122	US20080733622	20080809
	<u>WO09034301 A2</u>	20090319	WO2008GB03022	20080908
	<u>WO09034301 A3</u>	20090528	WO2008GB03022	20080908

Probable Assignee: SEAMAN ROGER**Assignee(s):**^(std) ROGER SEAMAN ; SEAMAN ROGER**Inventor(s):**^(std) SEAMAN ROGER ; ROGER SEAMAN**Agent(s):** RIEBLING PETER DIPL ING DR ING; JOHNSTONE DOUGLAS IAN; LEVY AND GRANDINETTI; BRIDGE BUTLER ALAN JAMES

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): E01F9/015 F21S8/00 F21S9/03 F21V7/05 F21W111/02 F21W131/10 F21W131/103 F21Y105/00 G09F13/22 H01J1/62 H01L27/30 H01L27/32 H01L31/052 H01L31/12 H01L33/00 H01L33/60 H01L51/44 H01L51/50 H01L51/52 H05B33/14 H05B33/22 (Advanced/Invention);
F21W111/02 F21W131/10 F21W131/103 F21Y101/02 F21Y105/00 H01L31/052 H01L31/12 H01L51/44 H01L51/50 (Advanced/Non-invention);
F21V7/00 H01L27/28 H01L31/052 H01L31/12 H01L51/42 H01L51/50 H05B33/14 H05B33/22 (Core/Invention)

CPC: H01L27/32 H01L31/125 H01L51/447 H01L51/5012 H05B33/14 H05B33/22 F21S9/03 F21S9/037 F21W2111/02 F21W2131/10 F21W2131/103 G09F13/22 H01L27/301 H01L51/5271 H01L2251/5315 H01L2251/5338 H01L2251/5361 H01L51/5209 H01L27/288 E01F9/619 H01L51/5206 H01L31/054 F21Y2105/00 F21Y2115/15 Y02B20/72

European class: E01F9/015 F21S9/03 F21S9/03W G09F13/22 H01L27/30B H01L27/32 H01L51/52B2 H01L51/52D6 H05B33/14 H05B33/22 R21W111/02 R21W131/10 R21W131/103 R21Y105/00G T01L251/53A1 T01L251/53F T01L251/53L T01L31/052B T01L31/12B T01L51/44L T01L51/50E T01L51/52D6 Y02E10/52

US class: 136/246 136/246S 257/80 257/84 257/84S 257/98 257/98S 257/E33.067 257/E33.067S 257/E33.077 257/E33.077S 313/498 313/498P 313/507

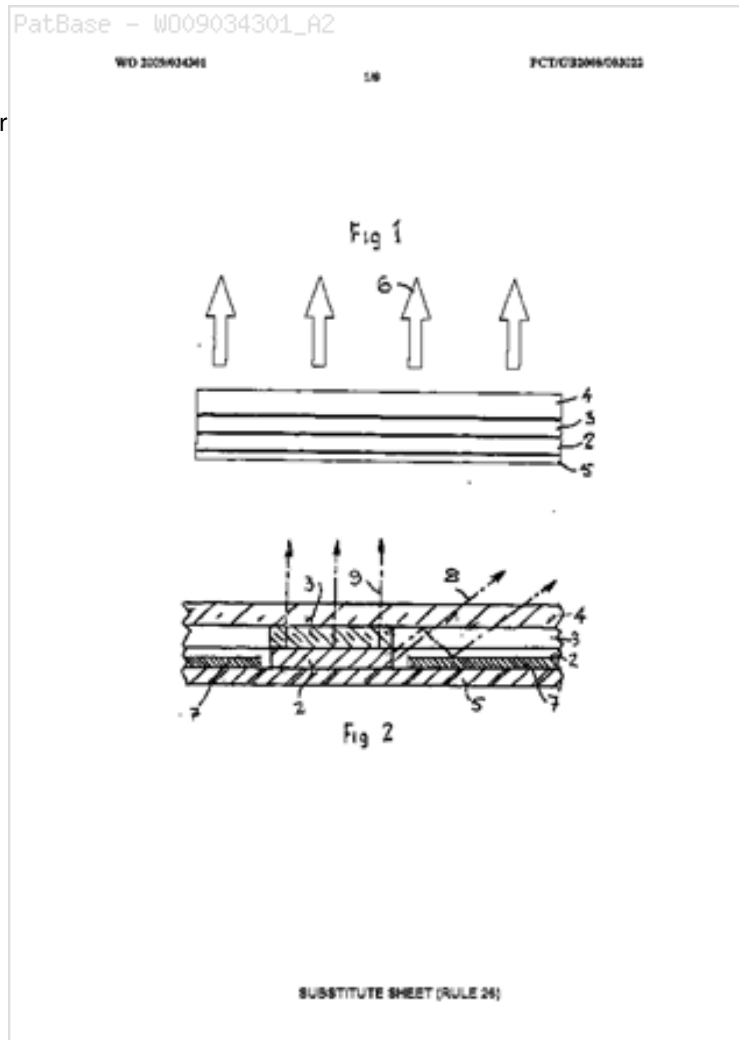
[Classification Explorer](#)**Cited documents:**

WO07073203 A1, WO07049213 A2, WO07049213, WO07026690 A1, WO07026690, WO06110926 A2, US6396208 BA, US4481265 A, US4326012 A, US4235643 A, US2008266136 AA, US2008023712 AA, US2006118798 AA, US2005183764 AA, US2005023975 AA, US2004021413 AA, US2004004214 AA, US2002122144 AA, JP7014507 U, JP7014507 U, JP55081207 U1, JP55081207 U, JP55081207 U, JP3081907 A2, JP3081907, JP2006310729 A2, JP2006310729, JP2006278111 A2, JP2006278111, JP2005209646 A2, JP2005209646, JP2005209643 A2, JP2005209643, JP2004354533 A2, JP2004354533, JP2003332066 A2, JP2003332066, JP2003270412 A2, JP2003270412, JP2003068109 A2, JP2003068109, JP2002207434 A2, JP2002207434, JP2001082058 A2, JP2001082058, EP1187213 A2, CN1703564 A, CN1242135 A,

Forward Citations: WO16078683, WO15168212, WO09087513, USD687394, USD684546, US9410683, US9390649, US9190458, US9136308, US8950886, US8766531, US8593303, US2015092400, US2015003036, US2013221383, US2012120643, US2011240095, EP2695214, EP2695214, CN104124388, AU2013250790, AT511719, AT511719,

Abstract:

Source: US2010259159A A light emitting and/or receiving apparatus in the form of a panel comprising a lattice of electroluminescent conductive polymer, a layer of transparent conductor, a clear substrate above the other layers and an integrated reflective panel located within the lattice layer.



0) DE202008013954U1 – , AUTOMATISCHER HOEHENREGULIERUNG, KLEINWINDKRA...

69) Family number: 43085555 (DE202008013954U1)

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Title: , AUTOMATISCHER HOEHENREGULIERUNG, KLEINWINDKRAFTANLAGEN UND PHOTOVOLTAIK , AUTOMATIC HEIGHT CONTROL, SMALL WIND TURBINES AND PHOTOVOLTAIC (Machine translation)

Priority: DE200820013954U 20081018 DE200920011950U 20090903

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202008013954 U1</u>	20090319	DE200820013954U	20081018
	<u>DE202009011950 U1</u>	20091210	DE200920011950U	20090903

Probable Assignee: WEGENER KARLHEINZ JOACHIM

Assignee(s):^(std): PEICKERT ULRICH JOACHIM CHRIST ; WEGENER KARLHEINZ JOACHIM

Assignee(s): PEICKERT ULRICH JOACHIM CHRISTIAN

International class F03B13/08 F03B7/00 F03D9/00 (Advanced/Invention);
(IPC 8-9): F03B13/00 F03B7/00 F03D9/00 (Core/Invention)

CPC: F03D9/008 F03B17/063 F05B2240/133 F05B2240/40 Y02E10/28 Y02E10/72

European class: F03B17/06C2 F03D9/00F R05B240/133 R05B240/40 Y02E10/22B Y02E10/28 Y02E10/72

[Classification Explorer](#)

Cited documents: EP1731757 A1, DE2446980 A1,

DE102006053733 A1

DE102006014205 A1

DE102003014205 A1

DE10134522 B4,

Forward Citations: DE202015001420, DE102014110877, DE102010048791,

Abstract:

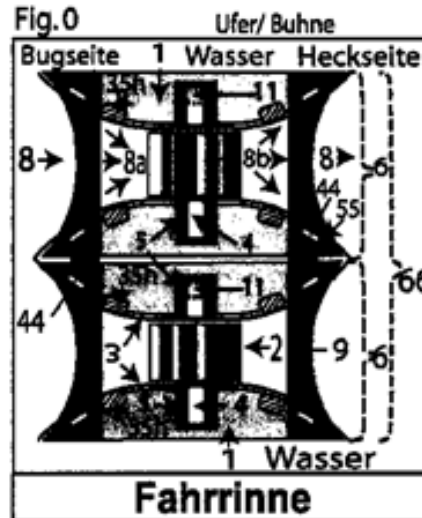
Source: DE202008013954U1 (Claim 1) 1. Die Wasserkraftanlage mit Wasserrädern, Schwimmkörpern, automatischer Höhenregulierung, Kleinwindkraftanlagen und Photovoltaik – im Folgenden als „Wasserkraftanlage“ bezeichnet – besteht wie folgt aus notwendigen und fakultativen Komponenten, wobei die fakultativen Komponenten als solche ausgewiesen sind. bull einem oder mehreren Segmenten (6), bull diversen Verankerungskomponenten und Zubehoer fuer die Verbindung zwischen den Segmenten (6) bull Verkabelung (30) bull fakultativ: Photovoltaikanlagen (33) und bull fakultativ: Kleinwindkraftanlagen (32) Ein Segment (6) setzt sich aus folgenden Hauptkomponenten zusammen: bull zwei Schwimmkoerper (1), bull ein Wasserrad (2), bull zwei Leitflaechen (3), bull zwei Bruecken (9) zwischen den Schwimmkoerpern (1) bull zwei Hebevorrichtungen (5), bull vier Hebevorrichtungen (55), bull zwei Distanzsteuerungen (4), bull vier Distanzsteuerungen (44), bull eine Bodenprofileiste (10), bull ein Generator mit Getriebe (11) oder ein Generator und Getriebe (11). bull zwei Stabilisierungseinheiten (15) zur Segmentkopplung mit Verbindungsbolzen (14) (nur, wenn eine Anlage aus mehreren Segmenten (6) besteht) bull Ein Segment (6) der Wasserkraftanlage, das mit einem Stromabnehmer verkabelt ist (auch als Hauptsegment bezeichnet (6H)) enthaelt fakultativ Wechselrichter (11W) mit Zubehoer und fakultativ Stromzaehler. bull vier Halterungen (25) an den Bruecken (9) bull vier Kontaktstellen (30k) (fuer Strom- und Datenkabelanschluesse) bull bis zu vier Kabelspanneinrichtungen (301) bull fakultativ: Kabelfuehrungsbloেকে (18) bull Strom- und Datenverkabelung (30b) innerhalb eines Segments (6). bull fakultativ: zwei Halterungen fuer Buhnenabstandshalter (24c), bull mindestens eine Signalpositionsleuchte (31) mit Stromversorgung, bull fakultativ: eine Photovoltaikanlage (33) bull fakultativ: ein oder mehrere Kleinwindkraftanlagen (32) bull fakultativ: Sensoren und Elektronik zur Optimierung der Ausbremsung des Wasserrades bull fakultativ: Sensoren und Elektronik fuer die Ferndiagnose und Fernwartung Zu den Verankerungskomponenten und zum Zubehoer fuer die Verbindung zwischen den Segmenten (6) gehoeren bull fakultativ: Seilumlenkeinrichtungen (12), bull fakultativ: Seilstopper (13). bull fakultativ: Umlenkseile (26) bull Zugseile (27), bull Verankerung stromaufwaerts – auf einer Buhne (23) oder – am Ufer (20) oder – an einer Dalbe (21) – im Flussbett (19) oder – an einer Gierseilfaehre (22) bull Fakultativ: Verankerung stromabwaerts – auf einer Buhne (23a), – im Flussbett (19a) – an der Verankerung einer Gierseilfaehre (22a) bull fakultativ: Uferverankerung (28) von Segmentreihen (66) quer zur Fliessrichtung, bull fakultativ: Abstandshalterung (24) bull fakultativ: Spreizvorrichtungen (17) Die Verkabelung erfolgt je nach Anzahl der Segmente (6) und Segmentreihen (66) ueber maximal vier Kabelstrecken: bull zwischen einem Stromabnehmer (z. B. Oeffentliches Netz) und dem Hauptsegment (6H), bull zwischen zwei Segmenten (6) benachbarter Segmentreihen (66), nur wenn die Anlage aus mehreren Segmentreihen (66) besteht, bull zwischen zwei benachbarten Segmenten ((6), einer Segmentreihe (66), wenn diese aus mehreren Segmenten besteht, bull Verkabelung innerhalb eines Segments (6) und Hauptsegments (6H) mit vier Kontaktstellen (30k) zur Verbindung zwischen den o. g. Kabelstrecken.

Machine translation: (Claim 1) 1. The hydroelectric power plant with water wheels, flotation chambers, automatic height adjustment, small wind-powered devices and Photovoltaik – in the following called, hydroelectric power plant " – consists as follows of necessary and fakultativen components, whereby the fakultativen components are proven as such. bulletin one or more segments (6), bulletins various anchorage components and accessories for the connection between the segments (6) a bulletin wiring (30) bulletins fakultativ: Photovoltaikanlagen (33) and bulletin fakultativ: Small wind-powered devices (32) a segment (6) consists of the following main components: bulletin of two flotation chambers (1), bulletin a water wheel (2), bulletin two conducting surfaces (3), bulletin two bridges (9) between the flotation chambers (1) bulletin two liftings device (5), bulletin four liftings device (55), bulletin two distance price increases (4), bulletin four distance price increases (44), bulletin a soil profile strip (10), bulletins a generator with transmission (11) or a generator and a transmission (11). bulletin two stabilization units (15) to the segment coupling with tie bolt (14) (only, if a plant consists of several segments (6)) bulletin a segment (6) of the hydroelectric power plant, which is verkabelt with a current collector (also as main segment designates

PatBase - DE202009011950_U1

DE 20 2009 011 950 U1 2010.01.14

Anhängende Zeichnungen



55/63

(6H)) fakultativ inverter (11W) with accessories and fakultativ electric meter contains. bulletin four mounting plates (25) at the bridges (9) bulletins four contact points (30k) (for current and data cable connections) bulletin up to four cable tensioning arrangements (301) bulletins fakultativ: Cable run blocks (18) bulletins current and data wiring (30b) within a segment (6). bulletin fakultativ: two mounting plates for Bühnenabstandshalter (24c), bulletin at least one signal clearance light (31) with current supply, bulletin fakultativ: a Photovoltaikanlage (33) bulletins fakultativ: one or more small wind-powered devices (32) a bulletin fakultativ: Sensors and electronics for the optimization of the Ausbremsung of the Wasserrades bulletin fakultativ: Sensors and electronics for the remote diagnostics and remote maintenance to the anchorage components and to the accessories for the connection between the segments (6) belong to bulletin fakultativ: Rope returning mechanisms (12), bulletin fakultativ: Rope stopper (13). bulletin fakultativ: Returning rope (26) bulletins of hauling cables (27), bulletin anchorage upstream – on Bühne (23) or – on the bank (20) or – at a Dalbe (21) – in the Flussbett (19) or – at a greed rope ferry (22) bulletins Fakultativ: Anchorage downstream – on Bühne (23a), – in the Flussbett (19a) – at the anchorage of a greed rope ferry (22a) bulletin fakultativ: Bank anchorage (28) of segment rows (66) transverse to the direction of flow, bulletin fakultativ: Adjustment plate (24) bulletins fakultativ: Spreading devices (17) the wiring is made depending upon number of the segments (6) and segment rows (66) by maximally four cable distances: bulletin between a current collector (e.g. Public net) and the main segment (6H), bulletin between two segments (6) neighbouring segment rows (66), only if the plant of several segment rows (66) consists, bulletin between two neighbouring segments ((6), a segment row (66), if these of several segments consists, bulletin wiring within a segment (6) and main segment (6H) with four contact points (30k) to the connection between the above mentioned cable distances.

70) Family number: 43227449 (CA2608174A)

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Title: AGRICULTURAL PRODUCTS**Priority:** CA20072608174 20071030

Family:	Publication number	Publication date	Application number	Application date
	<u>CA2608174 AA</u>	20090430	CA20072608174	20071030

Probable Assignee: VOON GERARD G V**Assignee(s):^(std):** VOON GERARD G V**Inventor(s):^(std):** VOON GERARD

International class A46D1/00 C05F5/00 C07H1/08 C08J11/00 C08J3/20 C09K17/00 C12N1/12 C12P7/06
 (IPC 8-9): C13B10/00 C13B5/02 D07B5/00 D21J1/00 F16L9/14 (Advanced/Invention);
A01G9/02 (Advanced/Non-invention)

CPC: Y02E50/343 C05F11/00 C05F3/00 C12P7/06 C13B5/04 Y02E50/17 Y02T50/678
Y02W30/47 Y02P20/134 Y02P20/145

European class: C05F11/00 C05F3/00 C12P7/06 C13B5/04 Y02E50/17 Y02T50/67J[Classification Explorer](#)**Forward Citations:** RU2505520, CN103304322, CN103274852, CN102515938,**Abstract:**

Source: CA2608174A We plan to grow algae, bamboo, sugar cane and corn to make ethanol. The sugar cane will be shredded and its liquids squeezed out for ethanol. The remaining fibers will be shredded and cut to an optimal length for agricultural use. Sugar is a form of fertilizer. These fibers will be cooked in manure tea (stirred even blended to instil fertilizing potency – wider blend of nutrients) and rolled and squeezed and cooked in manure tea (stirred even blended to instil fertilizing potency – wider blend of nutrients) rolled and squeezed (depending on whether the results of such a process – high quality organic fertilizer are worthwhile). The fertilizer can even be pelletized. The tea manure as well as the powdered sugar cane can be used to grow algae. The algae could be bagged with transparent bags and solar panels underneath the bags could further make the most use of the site by both producing energy; Solar panel energy and algae converted into ethanol. A self brewed medium for algae includes Glucose, Na₂HPO₄, KH₂PO₄, NH₄Cl, NaCl, MgSO₄, CaCl₂... The sugar cane fibers as well as the corn shredded husks can also be used to make soil substrate (GP 0.05 percent) as well as biodegradable seeding and trans planting and all planting pots, biodegradable packaging, bags, imitation cardboard, pulp and paper, envelopes, books, treated with preservatives and mixed with adhesive and compressed to produce a form of gypsum; fiber board, faux wood cabinetry, door, frames, posts, exterior finishing, all construction usage, including wood floors, wood ceilings, roofing, shutters, closet doors, faux wood furniture 2 percent, all housing, all office, all real estate, all condominiums, all sky scrappers, all apartments, all wood finishings, all shelves, (all decorations 5 percent), all wood decks, all gazebos, all wood structures, all sheds, all extra wood structures (eg. pool house or tree house), The powdered sugar cane fiber and powdered corn husks can be mixed with resin; As well as the 3-dimensional modeling printer, we could also build plastic/resin (perhaps mixed with particle/gypsum board) or glues/adhesives structures. We are the first to make and sell the following novel products because they are to be developed using mix with nano particles or nano fibres or biodegradable substances such as shredded and powdered corn husks) possibly sprayed or spun/woven and) create strong/durable and yet flexible (if need be) and light weight products (where the addition of nano material or the 3 – dimensional model creator can be used to make a better product – or at least a niche).

New products include all sports/objects/accessories, all construction materials and all aeroplane (flying) parts, all boating parts, all electronic parts and accessories, all furnishings, all infrastructure (eg. roads and bridges) materials, carpets, all toys, all fabrics, all frames and cages, all floating devices, all containers, all packaging materials, spray on collagen or other biodegradable structural products for tissue culture, all windows, all metal frames, all mechanical parts, all kitchen ware and utensils, all appliances, all heaters / all air conditioners, skeletal structures, all stationary, all ink – photo and laser and ink jet qualities, all business to consumer, all business to business, all infrastructure products, all hardware—software—communications products, all coverings, faux constructions and decorative objects, all handles, locks, all glass and glass substitutes, all vehicles parts, all consumer products, all industrial parts and machines and safety gears, all cups—spoons—forks—knives—mugs—glasses, all racks, all hangers, all storage bins, lightings – street lamps to candles to bulbs, furnaces, lawn mower parts, vacuum cleaners, shells for engines, engine parts, indoor/outdoor furnishings and their parts, bricks and mortar – barbecues and buildings, all wheels, all tires, all inner tubes, chains, cosmetics, toiletries, all wires, all cables, all televisions – all electronic audio/video entertainment products, all construction tools, all elastics, all tethers, all erasers, all stationary, eg. all pencils, all pens, all pencil cases, all liquid paper...all board game parts, all lenses, all eye glass frames, all fitting tools for assembly of parts for all the products herein listed, all contact lenses, all wiping clothes for wind shields and eye glasses, all wiping cloths for CD's and DVD's, carrying cases for all products, from soft (eg. leather or other skins) to faux fur, all buttons metal and plastic, all lasers and cameras and all their components, all garbage bins, all radios, all DVD players, all CD players, all servers... all railways, all monorails (intercity), all highspeed trains, all cargo trains, all cargo ships, all pleasure boats, all fishing boats, all cruise ships, all yachts, all small boats/dingy, all life boats, all life jackets, all diver's suits, all plastic and all paper bags, all plastic house

0) FR2926387A – ADVERTISEMENT INFORMATION PRESENTING DEVICE E.G...

71) Family number: 43534186 (FR2926387A)

© PatBase

Title: ADVERTISEMENT INFORMATION PRESENTING DEVICE E.G. POST, FOR E.G. TOOTHBRUSH, IN POINT OF SALE ADVERTISEMENT FIELD, HAS INTEGRATED POWER SUPPLY GENERATION UNIT FORMED BY SOLAR ENERGY DEVICE OPERATING UNDER EFFECT OF NATURAL LIGHT

Priority: FR20080000200 20080114

Family:	Publication number	Publication date	Application number	Application date
	FR2926387 A1	20090717	FR20080000200	20080114

Probable Assignee: CAVILLE ROLAND

Assignee(s):^(std): CAVILLE ROLAND

Inventor(s):^(std): CAVILLE ROLAND

International class
(IPC 8-9): [G09F27/00 H02J15/00 H02J7/00](#) (Advanced/Invention);
[G09F27/00 H02J15/00 H02J7/00](#) (Core/Invention)

CPC: [G09F23/00 G09F23/06 G09F27/00](#)

European class: [G09F23/00 G09F23/06 G09F27/00](#)

[Classification Explorer](#)

Cited documents: US2007294926, US2005270280, EP0459659, DE29615242 U, DE29521271 U,

Forward Citations: EP2413025,

Abstract:

The device has information diffusion unit e.g. audio message diffusion unit e.g. loudspeaker, formed by an information display unit (6) e.g. LCD, and an integrated power supply generation unit that is formed by a solar energy device such as solar panel (1a) operating under the effect of natural or artificial light, wind power engine and manual activating device e.g. crank, coupled to a current generator such as dynamo. The generation unit is coupled to an energy storage device e.g. rechargeable battery. A sensor (3) e.g. movement sensor, activates the display unit.

1 / 5

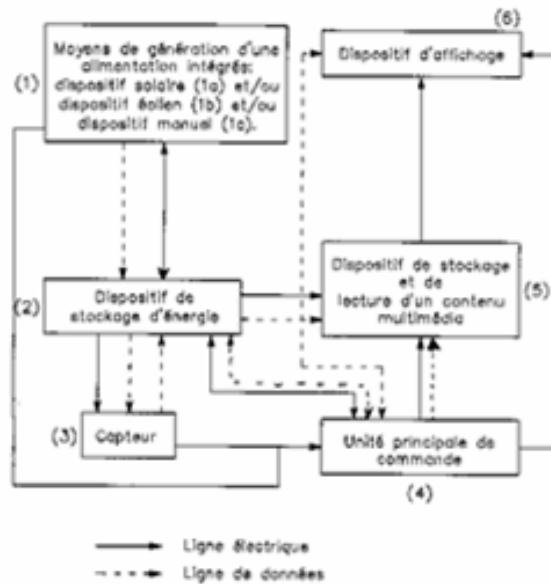


FIG. 1

72) Family number: 43573555 (WO09096764A1)

© PatBase

Title: MODULE FOR THE SCALABLE SELF-GENERATION OF ELECTRICAL POWER AND CONTROL CIRCUIT THEREOF**Priority:** WO2008MX00013 20080129

Family:	Publication number	Publication date	Application number	Application date
	<u>WO09096764 A1</u>	20090806	WO2008MX00013	20080129

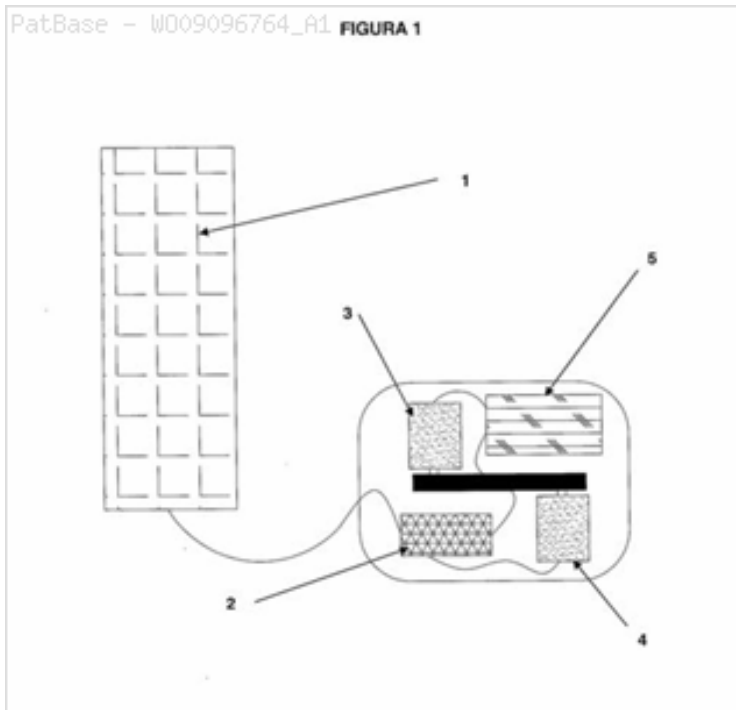
Probable Assignee: LUNA SANDOVAL GABRIEL**Assignee(s):^(std):** LUNA SANDOVAL GABRIEL**Inventor(s):^(std):** LUNA SANDOVAL GABRIEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class H02K53/00 (Advanced/Invention);
 (IPC 8-9): H02K53/00 (Core/Invention)

CPC: F03G6/001 H02J7/355 H02K53/00 H02M7/64 Y02E10/725 Y02E20/16**European class:** H02J7/35M H02K53/00 H02M7/64 R03G6/00P Y02E10/72H Y02E20/16[Classification Explorer](#)**Cited documents:** US2007241564, US2004148952, US2003160454, US2003080711,**Forward Citations:** FR2959600,**Abstract:**

The invention relates to a module for the scalable self-generation of electrical power and to an electronic circuit for controlling same, which prevents contamination by noise and emissions harmful to health and the environment. The module is mobile so that it can be used in areas located far from the power grid, providing the power required for each location without incurring additional maintenance costs. The module operates using: a solar panel, a wind generator, a hydraulic generator, an electrical adaptor and/or any combination of said components capable of generating the required voltage can be used or connected to the module for the operation thereof. The module also uses a battery for storing the voltage required for the motor/generator/alternator set to operate correctly, controlled by an electronic circuit which powers up/down the set, and a DC/AC inverter takes the voltage from said set.



73) Family number: 44166522 (US2011086280A)

© PatBase

Title: SYSTEMS FOR THE ON-DEMAND PRODUCTION OF POWER AS A SOLE SOURCE OR AIDING OTHER POWER SOURCES, IN THE TRANSPORTATION AND HOUSING FIELD.

Priority: FR20080003019 20080602 FR20080004598 20080814 FR20080006820 20081205
 FR20080006821 20081205 FR20090000267 20090122 FR20090000276 20090122
 FR20090000921 20090302 FR20090001976 20090423 FR20090001503 20090327
 FR20090003930 20090812 FR20100000828 20100301 WO2009FR00622 20090528
 WO2009FR00999 20090812 WO2009FR01382 20091204

Family:

Publication number	Publication date	Application number	Application date
FR2931694 A1	20091204	FR20090001976	20090423
FR2931811 A1	20091204	FR20080006820	20081205
FR2931811 B1	20131101	FR20080006820	20081205
FR2931812 A1	20091204	FR20090000267	20090122
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FR2931844 B1	20131101	FR20080003019	20080602
FR2932002 A1	20091204	FR20090000921	20090302
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WO09156610 A2	20091230	WO2009FR00622	20090528
WO09156610 A3	20100325	WO2009FR00622	20090528
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WO10018325 A3	20100610	WO2009FR00999	20090812
WO10018325 A8	20100422	WO2009FR00999	20090812
WO10063907 A2	20100610	WO2009FR01379	20091204
WO10063907 A3	20100729	WO2009FR01379	20091204
WO10063908 A2	20100610	WO2009FR01380	20091204
WO10063908 A3	20100729	WO2009FR01380	20091204
WO10081942 A1	20100722	WO2009FR01382	20091204
WO10100345 A2	20100910	WO2010FR00180	20100302
WO10100345 A3	20101125	WO2010FR00180	20100302

Probable Assignee: ALEX HR ROUSTAEI

Assignee(s):^(std): AZRIA MARIE CHRISTINE ; DJEMAI ABDELMADJID ; ROUSTAEI ALEX HR ; ROUSTAEI ALEX

Assignee(s): MARIE CHRISTINE AZRIA ; ALEX HR ROUSTAEI ; ALEX ROUSTAEI

Inventor(s):^(std): AZRIA MARIE CHRISTINE ; DJEMAI ABDELMADJID ; ROUSTAEI ALEX ; ROUSTAEI ALEX HR

Inventor(s): MARIE CHRISTINE AZRIA ; ABDELMADJID DJEMAI ; ALEX HR ROUSTAEI ; ALEX ROUSTAEI

Agent(s): ALEX ROUSTAEI; ALEX HR ROUSTAEI; JURISPATENT PARIS; ROUSTAEI ALEX HR

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): A47G11/00 B01D29/00 B01D69/00 B01J19/00 B60L11/18 B82B3/00 C01B3/06 C01B3/10 C01B3/22 C23C14/48 C23C14/56 C23C16/04 C23C16/40 C23C16/44 C23C16/442 C25B1/02 C25B1/04 C25B15/00 C25B15/02 C25B15/08 C25B9/00 C25B9/16 H01L31/032 H01L31/042 H01L31/058 H01M16/00 H01M2/14 H01M4/00 H01M4/04 H01M8/00 H01M8/02 H01M8/04 H01M8/06 (Advanced/Invention); B82Y30/00 B82Y99/00 (Advanced/Non-Invention); A47G11/00 B01D29/00 B01D69/00 B60L11/18 B82B3/00 C01B3/00 C23C14/48 C23C16/04 C23C16/40 C23C16/44 C23C16/442 C25B1/00 C25B15/00 C25B9/16 H01L31/0264 H01L31/042 H01L31/058 H01M2/14 H01M4/00 H01M4/04 H01M8/00 H01M8/02 H01M8/04 H01M8/06 (Core/Invention)

CPC: C25B9/162 H01M16/006 C25B1/02 A47G11/006 C25B13/00 Y02B90/18 H01M8/065 C01B3/065 H01M8/0662 H01M16/00 H01M2250/30 Y02B10/20 Y02B10/70 Y02E10/60 Y02E60/362 H01M4/385 H01M4/926 B82Y30/00 C01B3/501 C01B2203/041 C01B2203/066 C23C16/45544 C23C16/45546 H01L31/0322 H01L31/0352 H01L31/035281 H01L31/03685 H01L31/03762 H01L31/0392 H01L31/0749 Y02E10/541 C23C16/045 C23C16/405 C23C16/442 H01M4/0428 H01M4/8867 H02S40/44 H02S99/00 Y02P20/134 C25B1/04 B60L11/1881 B60L11/1892 B60L11/1894 B60L2240/525 B60L2240/622 B60L2260/54 C25B15/02 C25B15/08 H01M4/90 H01M8/0656 Y02E60/366 Y02E70/10 Y02T10/7291 Y02T90/16 Y02T90/162 Y02T90/34 C01B6/00 C25B9/16 H01L31/03925 H01L31/03928

European class: A47G11/00T4 B60L11/18R B60L11/18R8D B60L11/18R8F B82Y30/00 C01B3/06C C01B3/50B C01B6/00 C23C16/04D C23C16/40H C23C16/442 C23C16/455F2D C23C16/455F2D2 C25B1/02 C25B1/04 C25B13/00 C25B15/02 C25B15/08 C25B9/16 C25B9/16B H01L31/032C H01L31/0392 H01L31/058 H01M16/00F2 H01M4/04B18D H01M4/38B2 H01M4/88G16 H01M4/92S2 H01M8/06B4 H01M8/06C H02N6/00 L60L240/525 L60L240/62B L60L260/54 M01B203/04B2 M01B203/06H T01L31/0352 T01L31/0352C2 T01L31/0368B2 T01L31/0376B T01L31/0749 T01M16/00 T01M250/30 T01M4/90 T01M8/06B6 T01M8/06C Y02B10/10 Y02B10/20 Y02B10/70 Y02E10/50 Y02E10/54B Y02E10/60 Y02E60/12 Y02E60/36 Y02E60/36B Y02E60/36F Y02E60/50 Y02E70/10 Y02T10/72D8 Y02T90/16 Y02T90/16B2 Y02T90/34

US class: 204/230.2 204/230.200S 204/242 204/242S 204/267 204/275.1 204/275.100S 422/239 422/239S 429/410 429/410S 429/421 429/421S 429/422 429/422P 429/427 429/427S 429/9 429/9P 977/700 977/700S 977/742 977/742S

[Classification Explorer](#)

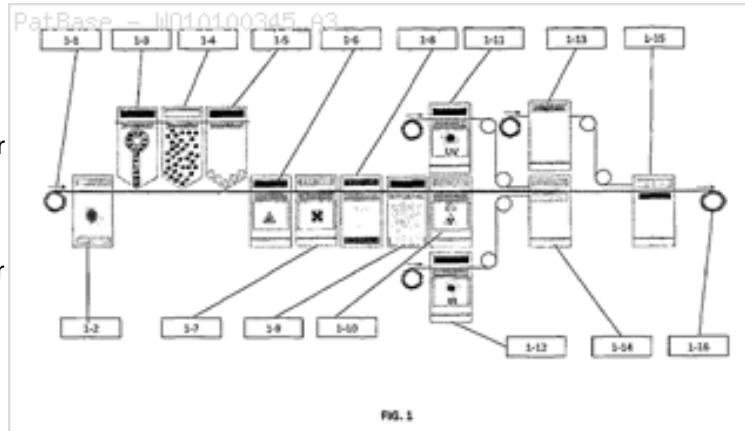
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US2008006369 AA, US2007138006 AA, US2007104984 AA, US2007089997 AA, US2007068569 AA, US2007062576 AA, US2007031586 AA, US2006266043 AA, US2006225782 AA, US2006046112 AA, US2005266653 AA, US2005172897 AA, US2005121315 AA, US2005109394 AA, US2004226602 AA, US2004211458 AA, US2004065171 AA, US2004052704 AA, US2003175154 AA, US2001045364 AA, JP2009052063 A2, GB2433267 A1, FR988094 A, FR468033 A, FR2931811 A1, FR2893606 A1, EP0576342 A1, DE4404931 A1, DE4344990 A1, DE4119839 A1,

Forward Citations: WO15010895, WO13177700, WO13054053, WO13053858, WO13010922, WO11131868, WO10063908, WO10063908, WO10063907, WO10063907, US9508944, US9493718, US9139908, US8688318, US2015361569, US2013014728, US2011061376, FR2981369, FR2981368, FR2978299, FR2959245, EP2695855, CN105518113, CN104152964, CN104024479, CN103987878, CN103814446, CN103741109, CN103358914,

Abstract:

Source: US2011086280A The system of the invention is a very efficient means for the on-demand production of hydrogen for aid, power, and electricity, operated by a control system with a modular, smart, and high-power efficiency arrangement using nanotechnology. A vast number of selections are provided for the user to obtain power production when needed or furthermore with variable delivery. Respecting cleanliness, environmental, and air pollution reduction constraints, the system is devised for use in the areas of housing, transportation, or more generally, any industry producing electricity or heat particularly by hydrocarbon means, or furthermore any environment requiring power for stationary or mobile operation.



0) US2010032849A – MICROWAVE–ASSISTED SYNTHESIS OF CARBON AND CARB...

74) Family number: 44128718 (US2010032849A)

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Title: MICROWAVE–ASSISTED SYNTHESIS OF CARBON AND CARBON–METAL COMPOSITES FROM LIGNIN, TANNIN AND ASPHALT DERIVATIVES

Priority: US20080132380 20080618 US20080132380P 20080618 US20090487174 20090618
 US20090487323 20090618 US20090211807P 20090403 US20090211826P 20090403
 US20100754336 20100405 US20100751185 20100331 US20100316682P 20100323
 US20100316654P 20100323 US20110069132 20110322 US20110069057 20110322
 US20100316669P 20100323 US20110069097 20110322 WO2009US47794 20090618
 WO2009US47789 20090618 US20110335418 20111222 US20120598397P 20120214
 US20130767076 20130214 US20130843106 20130315 US20130134992 20131219
 US20130316682P 20130323

Family:

Publication number	Publication date	Application number	Application date
CN102239112 A	20111109	CN200980130286	20090618
CN102239282 A	20111109	CN200980130287	20090618
EP2297030 A1	20110323	EP20090767726	20090618
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US2011171108 AA	20110714	US20110069057	20110322
US2011171110 AA	20110714	US20110069132	20110322
US2011174738 AA	20110721	US20110069097	20110322
US2012121821 AA	20120517	US20110335418	20111222
US2013157838 AA	20130620	US20130767076	20130214
US2013233802 AA	20130912	US20130843106	20130315
US2014102988 AA	20140417	US20130134992	20131219
US8167973 BB	20120501	US20090487174	20090618
US8574337 BB	20131105	US20110335418	20111222
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US8753603 BB	20140617	US20110069132	20110322
US8790615 BB	20140729	US20110069097	20110322
US8920688 BB	20141230	US20100754336	20100405
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US9169139 BB	20151027	US20130134992	20131219
US9643165 BB	20170509	US20130767076	20130214
WO09155414 A1	20091223	WO2009US47789	20090618
WO09155417 A1	20091223	WO2009US47794	20090618
WO10115199 A1	20101007	WO2010US29978	20100405
WO11008315 A1	20110120	WO2010US29454	20100331

Probable Assignee: UNIV ARKANSAS

Assignee(s):^(std): BROAD OF TRUSTEES OF UNIV OF ARKANSAS ; UNIV ARKANSAS ; VISWANATHAN TITO

Assignee(s): BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS ; BOARD OF TRUSTEES OF UNIV OF ARKANSAS

Inventor(s):^(std): VISWANATHAN TITO ; TITO VISWANATHAN

Agent(s): DEY MICHAEL; MORRIS MANNING MARTIN LLP; MORRIS MANNING AND MARTIN LLP; TIM TINGKANG; LOCKE LORD LLP; HARRIS JOHN ET AL; XIA TIM TINGKANG ET AL; XIA TIM TINGKANG

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9):
A62D3/00 B01D17/00 B01J19/00 B01J19/12 B01J20/02 B01J20/24 B01J20/30 B01J21/18 B01J27/16 B01J27/185 B01J27/24 B01J37/34 B05D3/02 B05D3/06 B05D5/00 B22F1/00 B22F3/00 B22F9/00 B22F9/20 B22F9/24 B82Y30/00 B82Y40/00 C01B25/00 C01B25/08 C01B31/02 C01B31/06 C01B31/08 C01G1/00 C01G49/02 C02F1/28 C02F1/42 C02F1/48 C02F1/52 C02F1/62 C07C1/00 C07F19/00 C08L79/08 C10M103/02 C22B5/20 C30B23/00 C30B25/00 D01F9/12 E02B15/04 G03G9/00 H01B1/00 H01B1/04 H01F1/01 H01F1/04 (Advanced/Invention); B82Y30/00 B82Y40/00 B82Y99/00 C02F1/28 C02F101/10 C02F101/20 C02F101/32 (Advanced/Non-invention); A62D3/00 B01J21/00 C01B25/00 C07F19/00 C10M103/00 C30B23/00 C30B25/00 H01B1/04 H01F1/032 (Core/Invention)

CPC:
B01D17/0202 C02F1/283 C02F1/40 C02F1/681 B01J21/18 B01J27/1853 B01J27/187 B01J27/19 B01J35/002 B01J35/006 B01J37/0201 B01J37/08 B01J37/346 C01B33/04 C01B33/1071 C30B1/10 C30B29/04 B01J20/0229 B01J20/06 B01J20/20 B01J20/22 B01J2220/42 B01J2220/46 C02F1/36 Y10S977/773 Y10S977/788 C01G49/06 C01B39/46 C01B39/48 C01P2002/50 B01J27/24 B01J27/16 B01J20/02 B01J20/3085 B01J20/24 C02F1/48 B82Y99/00 Y10S977/742 Y10S977/842 B82Y40/00 B82Y30/00 C01B31/0226 C01B31/0233 C22C32/0084 C22C1/1026 Y10S977/81 Y10S977/813 Y10S977/901 C01B25/08 C01P2002/72 C01P2002/85 C01P2004/03 C01B31/00 C02F1/281 C02F1/286 C02F2101/103 C02F2101/105 C02F2101/106 C02F1/288 C02F1/488 C02F2101/32 C02F2305/08 C01B31/02

European class:
B01D17/02B B01J21/18 B01J27/185A B01J27/187 B01J27/19 B01J35/00D B01J35/00D8D B01J37/02B B01J37/08 B01J37/34B6D B82Y30/00 B82Y40/00 C01B25/08 C01B31/00 C01B31/02B4B C01B31/02B4B2 C01B33/04 C01B33/107D C01B39/46 C01B39/48 C01G49/06 C02F1/28D C02F1/28L C02F1/48K C02F1/68C C30B1/10 C30B29/04 M01P2/50 M01P2/72 M01P2/85 M01P4/03 M02F1/40 M02F1/48K M02F101/32 M02F305/08

US class:
1/1 204/157.15 204/157.43 204/157.430S 210/660 210/663 210/680 210/691 210/694 210/695 210/924 252/178 252/500 252/503 252/503S 252/518.1 252/519.14 252/521.6 252/62.55 252/62.550S 252/62.56 252/62.560S 260/665.00RP 260/665R 423/138 423/299 423/299P 423/446 423/446P 423/447.1 423/447.2 423/447.200P 423/632 423/633 423/634 427/127 427/127S 427/243 427/243S 427/383.1 427/383.100S 427/553 427/553P 430/111.32 502/180 502/185 502/185S 502/406 502/423 502/437 502/5 508/123 508/123P 75/345 75/351 75/362 977/734 977/734S 977/742 977/742S 977/773 977/773S 977/788 977/810 977/813 977/842 977/842S 977/901

[Classification Explorer](#)

Cited documents: WO08127757 A2, WO0123501 A1, US8454721 BB, US8167973 BB, US7985424 BB, US7811545 BB, US7758756 BB, US7758755 BB, US7358325 BB, US7303679 BB, US7297652 BB, US7220484 BB, US7208134 BB, US7119179 BA, US6764617 BA, US6733827 BB, US6616747 BB, US6486008 BA, US6232264 BA, US6099990 A, US6030688 A, US5972537 A, US5609683 A, US5604037 A, US5531922 A, US5358802 A, US5321223 A, US5317045 A, US4985225 A, US4457853 A, US4414196 A, US4176172 A, US4108767 A, US4019995 A, US3886093 A, US3803033 A, US3148161 A, US2011256401 AA, US2011253546 AA, US2010283005 AA, US2010200501 AA, US2010059706 AA, US2010015030 AA, US2009038858 AA, US2008185341 AA, US2008160306 AA, US2008026219 AA, US2008017291 AA, US2007266825 AA, US2007264574 AA, US2007243337 AA, US2007218564 AA, US2007142225 AA, US2007141502 AA, US2007129233 AA, US2006210466 AA, US2006134716 AA, US2005271816 AA, US2005186344 AA, US2005181941 AA, US2005139550 AA, US2004147397 AA, US2003187102 AA, US2003044712 AA, US2002064495 AA, CN1911792 A, CN1876566 A, CN101402057 A,

Forward Citations: WO12115814, US9504999, US9417198, US9340425, US9273380, US9159503, US8945393, US8790615, US8753603, US8647534, US8563463, US8551905, US8546292, US8541336, US8541335, US8349759, US8221853, US8178073, US2015343428, US2015041399, US2013259085, US2013039796, US2011189605, US2011174738, US2011171110, US2010327233, US2010055441, TWI537997, KR101562860, JP5804468, JP2016508941, JP2012040482, EP2782167, EP2731114, DE102013204799, CN105195183, CN104492470, CN104492467, CN103985496, CN103626150, CN103521247, CN103521247, CN103240121, CN103041803, CN102847548, CN102847548, CN102763168, CN102763168, CN102610296, CN102610296, CN102276660, CN102173832, AT516660,

Abstract:

Source: US2010032849A A process for synthesizing carbon-metal nanocomposites. In one embodiment, the process includes the steps of preparing a metal derivative or a metal chelated derivative of a carbon-containing precursor in solid form, and subjecting the metal derivative or metal chelated derivative of a carbon-containing precursor in solid form to microwave radiation at a frequency in the range of 900 MHz to 5.8 GHz, for a period of time effective to generate a heat flow from inside of the metal derivative or metal chelated derivative of a carbon-containing precursor in solid form to the outside such that the temperature of the metal derivative or metal chelated derivative of a carbon-containing precursor in solid form reaches 1,000 degrees centigrade in less than 6 minutes with a temperature (T) derivative over time (t), $\Delta T/\Delta t$, no less than 2.5 degrees centigrade /second to form carbon-metal nanocomposites.

PatBase - W011008315_A1

WFO 2010/008315

L14

PCT/US2009/029454

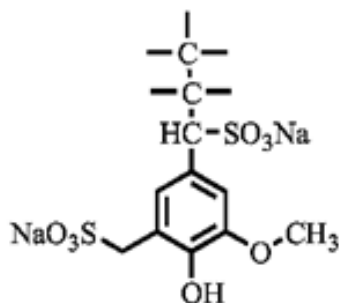


FIG. 1

SUBSTITUTE SHEET (RULE 26)

75) Family number: 44166341 (US2011166410A)

© PatBase

Title: METHOD AND SYSTEM FOR BRACHYTHERAPY

Priority: EP20090769703 20090612 US20080075483 20080625 US20080075483P 20080625
WO2009IB52522 20090612 US20090992905 20090612

Family:	Publication number	Publication date	Application number	Application date
	<u>CN102076378 A</u>	20110525	CN200980124240	20090612
	<u>CN102076378 B</u>	20141008	CN200980124240	20090612
	<u>DE602009020852 D1</u>	20140213	DE200960020852T	20090612
	<u>EP2293844 A1</u>	20110316	EP20090769703	20090612
	<u>EP2293844 B1</u>	20131218	EP20090769703	20090612
	<u>IN00387CN2011 A</u>	20111209	IN2011CN00387	20110119
	<u>JP2011525828 T2</u>	20110929	JP20110515681T	20090612
	<u>JP5535205 B2</u>	20140702	JP20110515681T	20090612
	<u>RU2011102584 A</u>	20120727	RU20110102584	20090612
	<u>RU2515527 C2</u>	20140510	RU20110102584	20090612
	<u>US2011166410 AA</u>	20110707	US20090992905	20090612
	<u>US9101395 BB</u>	20150811	US20090992905	20090612
	<u>WO09156893 A1</u>	20091230	WO2009IB52522	20090612

Probable Assignee: PHILIPS KONINKLL NV

Assignee(s):^(std): GUTIERREZ LUIS FELIPE ; GUTIERREZ LUIS FELIPS ; KONINKL PHILIPS ELECTRONICS NV ; KONINKL PHILIPS NV ; SHECHTER GUY ; ROYAL DUTCH PHILIPS ELECTRONICS LTD

Assignee(s): PHILIPS KONINKLL NV ; KONINKLEJKE FILIPS EHLEKTRONIKS NV ; PHILIPS ELECTRONICS KONINKLL NV ; PHILIPS ELECTRONICS N V KONINKLL ; KONINKLIJKE PHILIPS ELECTRONICS N V ; KONINKL PHILIPS ELECTRONICS N V

Inventor(s):^(std): FELIPS GUTIERREZ LUIS ; GUT ERRES LUIS FELIPE ; GUTIERREZ LUIS FELIPE ; GUTIERREZ LUIS FELIPS ; GUY SHECHTER ; SHECHTER GUY ; SHEKHTER GAJ

Inventor(s): SHECHTER GUY BRIARCLIFF MANOR ; GUTIERREZ LUIS FELIPE BRIARCLIFF MANOR

Agent(s): MEISSNER BOLTE AND PARTNER GBR; VAN VELZEN MAAIKE MATHILDE; DAMEN DANIEL M

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): A61B19/00 A61B6/03 A61B8/00 A61B8/13 A61M36/06 A61M36/12 A61N5/00 A61N5/10 A61N7/00 G01R33/54 G01R33/56 (Advanced/Invention);
A61B19/00 A61B6/03 A61B8/00 A61B8/13 A61N7/00 G01R33/54
G01R33/56 (Advanced/Non-invention);
A61N5/10 (Core/Invention);
A61B19/00 A61B6/03 A61B8/00 A61B8/13 A61N7/00 G01R33/54 (Core/Non-invention)

CPC: A61N2005/1018 A61B34/20 A61B2034/2051 A61B2034/2072 A61B2090/363 A61B2090/364 A61B2090/3908 A61B19/5244 A61N5/1015

European class: A61B19/52H12 A61N5/10B4E K61B19/52H12B4 K61B19/52H12F K61B19/52J K61B19/52L K61B19/54B2 K61N5/10B4Z

US class: 1/1 600/3 600/3S 600/8 600/8P

[Classification Explorer](#)

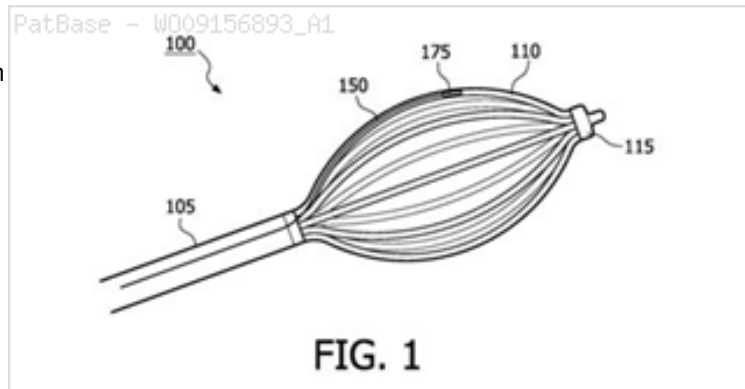
Cited documents:

WO09053897 A1, WO08045812 A1, WO08045812, WO07145965 A2, US6454696 BA, US6438401 BA, US6147480 A, US5840008 A, US2010312038 AA, US2008269596 AA, US2008091055 AA, US2007232882 AA, US2007066880 AA, US2006094923 AA, US2006094923, JP2011500251 T2, JP2011500251, JP2010505554 T2, JP2010505554, GB2429130 A1,

Forward Citations: WO15039995, WO14068405, WO14013418, WO14013418, WO13144832, WO10049834, US9642957, US9510746, US9259520, US9174068, US2013102849, NL2009686, JP2014516671, CN105101901, CN104837524, CN104470584, CN104203130, CN103705262, CN103705262, CN103268622, CN103025261,

Abstract:

Source: US2011166410A A brachytherapy system for a target region (200) can include an applicator (100) having a plurality of channels (110) that are hollow where the applicator is implanted in the target region, a tracking device (175), a tracking signal generator (180) to generate a signal received by the tracking device, and a processor (550). The tracking device can have a size and shape to be advanced and retracted through at least a portion of the plurality of channels. The processor can determine a position of one or more of the plurality of channels based on a movement of the tracking device. The processor can determine the location of the plurality of channels in the images based on the position measurements from the tracking device.



76) Family number: 44322508 (US2010024314A)

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Title: DEPLOYABLE PREFABRICATED STRUCTURE WITH A NESTED EXTENSION STRUCTURE

Priority: US20080084532P 20080729 US20080250467 20081013 US20080250472 20081013
 US20080250471 20081013 US20080250469 20081013 US20080250468 20081013
 US20080250482 20081013 US20080250484 20081013 US20080250486 20081013
 US20080250491 20081013 US20080250493 20081013 US20080250496 20081013

Family:	Publication number	Publication date	Application number	Application date
	<u>US2010024314 AA</u>	20100204	US20080250467	20081013
	<u>US2010024315 AA</u>	20100204	US20080250484	20081013
	<u>US2010024316 AA</u>	20100204	US20080250482	20081013
	<u>US2010024317 AA</u>	20100204	US20080250486	20081013
	<u>US2010024319 AA</u>	20100204	US20080250469	20081013
	<u>US2010024322 AA</u>	20100204	US20080250472	20081013
	<u>US2010024349 AA</u>	20100204	US20080250468	20081013
	<u>US2010024350 AA</u>	20100204	US20080250471	20081013
	<u>US2010024351 AA</u>	20100204	US20080250491	20081013
	<u>US2010024352 AA</u>	20100204	US20080250493	20081013
	<u>US2010024353 AA</u>	20100204	US20080250496	20081013
	<u>US7823337 BB</u>	20101102	US20080250467	20081013
	<u>US7895794 BB</u>	20110301	US20080250486	20081013
	<u>US7926226 BB</u>	20110419	US20080250484	20081013
	<u>US7930857 BB</u>	20110426	US20080250482	20081013
	<u>US8151537 BB</u>	20120410	US20080250471	20081013
	<u>WO10014557 A1</u>	20100204	WO2009US51870	20090727

Probable Assignee: GREEN HORIZON MFG LLC**Assignee(s):**^(std): GREEN HORIZON MFG LLC ; POPE JAMES D**Assignee(s):** DAVID ANDREW SIRKIN AND KATHLEEN TARKINGTON SIRKIN ; DAVID ANDREW SIRKIN AND KATHLEEN TARKINGTON SIRKIN TRUSTEES OF DAVID ANDREW AND KATHLEEN TARKINGTON SIRKIN 2003 REVOCABLE TRUST DATED 2 24 03 AS ; GREEN HORIZON MANUFACTURING LLC**Inventor(s):**^(std): POPE JAMES D**Agent(s):** FLIESLER MEYER LLP; MEYER SHELDON R ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8-9): E04B1/00 E04B1/18 E04B1/343 E04B1/344 E04B1/346 E04B1/348 E04B1/35 E04B7/08 E04C2/52 E04D13/18 E04F15/00 E04G21/14 E04G23/00 E04H1/00 E04H1/02 E04H14/00 H01L31/042 (Advanced/Invention);
E04B1/343 E04B1/344 E04B1/35 E04C2/52 E04D13/18 E04F15/00 E04G21/14 E04G23/00 E04H1/00 E04H1/02 E04H14/00 (Core/Invention)

CPC: E04B1/3431 E04B2001/34892**European class:** E04B1/343B1 P04B1/348S**US class:** 52/126.1 52/173.3 52/173.300S 52/220.1 52/220.100S 52/64 52/67 52/67P 52/741.1 52/745.02 52/745.020P 52/745.2 52/79.1 52/79.5 52/79.500P 52/79.6 52/79.600S 52/79.9 52/799 521/261

Cited documents: WO8401974 A1, US7712813 BB, US7658039 BB, US7418802 BB, US7234747 BB, US7150483 BB, US7100967 BB, US7062064 BB, US7052065 BB, US7052064 BB, US6983567 BB, US6981728 BB, US6976721 BB, US6969105 BB, US6966590 BA, US6851734 BB, US6772563 BB, US6732769 BB, US6712414 BB, US6708454 BA, US6651393 BB, US6637794 BB, US6619713 BB, US6536823 BB, US6527324 BB, US6494518 BB, US6494334 BA, US6463705 BA, US6428073 BA, US6393769 BA, US6338523 BA, US6330771 BA, US6293612 BA, US6286883 BA, US6266931 BA, US6243992 BA, US6224126 BA, US6209939 BA, US6182401 BA, US6179522 BA, US6137525 A, US6135525 A, US6116871 A, US6116671 A, US6090749 A, US6052952 A, US6048167 A, US6038824 A, US6003919 A, US5984396 A, US5966958 A, US5966956 A, US5964065 A, US5921033 A, US5921003 A, US5815988 A, US5797224 A, US5761854 A, US5732839 A, US5727353 A, US5706612 A, US5658032 A, US5620224 A, US5596844 A, US5577351 A, US5493817 A, US5491933 A, US5345730 A, US5333420 A, US5332276 A, US5295430 A, US5291701 A, US5280985 A, US5237784 A, US5237782 A, US5185973 A, US5182884 A, US5170901 A, US5154469 A, US5114586 A, US5106142 A, US5090749 A, US5061001 A, US4958874 A, US4955681 A, US4955661 A, US4930837 A, US4850268 A, US4829726 A, US4726158 A, US4723381 A, US4685260 A, US4652041 A, US4644708 A, US4638607 A, US4603518 A, US4545171 A, US4545158 A, US4534141 A, US4500132 A, US4485608 A, US4275533 A, US4255912 A, US4221441 A, US4187659 A, US4075814 A, US4049310 A, US4017116 A, US3982732 A, US3941414 A, US3924366 A, US3872631 A, US3866365 A, US3862534 A, US3834110 A, US3762112 A, US3719386 A, US3650556 A, US3629983 A, US3605351 A, US3596416 A, US3560043 A, US3492767 A, US3421268 A, US3304668 A, US3226890 A, US3217448 A, US3181910 A, US3169280 A, US3106750 A, US2901282 A, US2890498 A, US2842972 A, US2813747 A, US2732551 A, US2732251 A, US2713747 A, US2704223 A, US2636773 A, US2499498 A, US2167557 A, US2009266006 AA, US2008256878 AA, US2008134589 AA, US2007170740 AA, US2007144078 AA, US2007096505 AA, US2007069074 AA, US2006230704 AA, US2006201072 AA, US2006185262 AA, US2005210762 AA, US2005160682 AA, US2005072062 AA, US2005072061 AA, US2003115808 AA, US2002189173 AA, US2002129566 AA, US2002116878 AA, US2001008059 AA, US1279819 A, KR20030008723 A, KR20010089315 A, KR1020030008723, KR1020010089315, JP9032325 A2, JP2004084310 A2, JP16084310 A2, FR2623550 A1,

Forward Citations: WO15168747, WO14182539, WO14143780, WO12003549, USD659260, US9643685, US9518735, US9505920, US9497892, US9488014, US9458622, US9458621, US9453333, US9431798, US9410339, US9376828, US9258930, US9234360, US9222255, US9221599, US9206595, US9187894, US9187892, US9163395, US9145704, US9109376, US9108758, US9085890, US9080326, US9027297, US9022236, US8959843, US8943759, US8931217, US8919049, US8870166, US8869463, US8844212, US8839574, US8833001, US8826601, US8770422, US8756876, US8739475, US8733029, US8720126, US8720125, US8695285, US8689520, US8678941, US8650806, US8621787, US8590917, US8584405, US8584349, US8555558, US8549801, US8544213, US8474193, US8439333, US8347560, US8327589, US8291648, US8167329, US8141304, US7882659, US2016175653, US2016153183, US2016107725, US2016081471, US2016079741, US2016059104, US2016013672, US2015101275, US2015101264, US2015033642, US2015027067, US2015000214, US2014331582, US2014325931, US2014278801, US2014230345, US2014112706, US2014059947, US2014033619, US2013305628, US2013269267, US2013263527, US2013111825, US2013091783, US2013067721, US2013019913, US2012304549, US2012261407, US2012096775, US2012006369, US2012005969, US2011297675, US2011214362, US2011210577, US2011179721, US2011173898, US2011146164, US2011094167, US2011047891, US2011041418, US2011023925, US2010269419, US2010223857, US2010192481, US2009266006, US2009249708, CN104091475, CN102619347, CN102619347, CN102619346, CN102619346, CN102619345, CN102619345, CN102619344, CN102619344,

Abstract:

Source: US2010024314A A prefabricated structure comprises a shell including a shell frame and an extension deployable from the shell, the extension including an extension frame. The shell frame comprises a floor support including a plurality of slotted beams extending between and transverse to the floor beams, a roof support, and a plurality of columns extending between the floor support and the roof support. The extension frame comprises a floor support, a roof support with an extension roof, and a plurality of columns extending between the floor support and the roof support, wherein the slotted beams of the shell floor support each include a slot through which a column connected between an extension floor beam and an extension roof extends when the extension is nested within the shell in an undeployed position.

PatBase - W010014557_A1

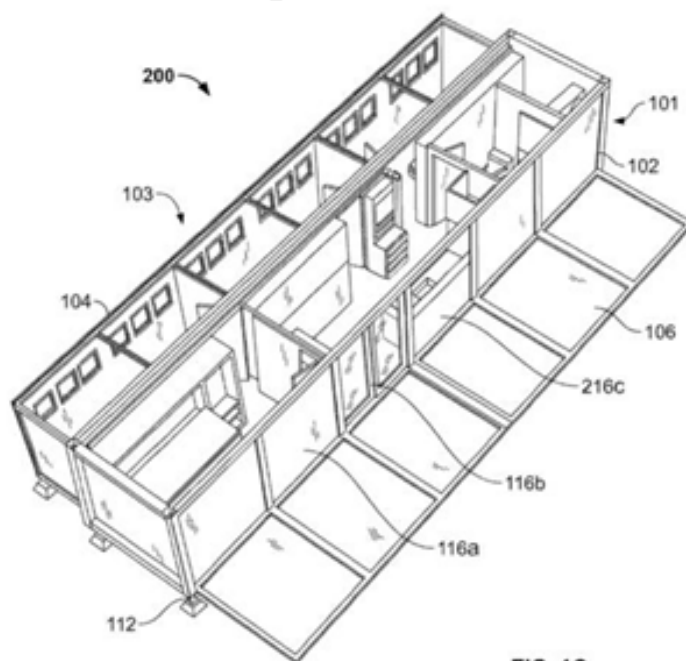


FIG. 1C

77) Family number: 44905751 (US2014098758A)

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Title: EFFICIENT TRANSACTIONAL MESSAGING BETWEEN LOOSELY COUPLED CLIENT AND SERVER OVER MULTIPLE INTERMITTENT NETWORKS WITH POLICY BASED ROUTING

Priority:

US20020415546P	20021001	US20030677098	20030930	US20100749412	20100329
US20110287279	20111102	US20110185491	20110718	US20120343044	20120104
US20130034509	20130923	US20120620775	20120915	US20120661207	20121026
US20130760214	20130206	US20120646706	20121007	US20120623944	20120921
US20130753855	20130130	US20130776852	20130226	US20150817341	20150804
US20150815988	20150801	US20150695256	20150424	US20130875311	20130502
US20130973146	20130822	US20140165826	20140128	US20140458791	20140813
US20140334992	20140718	US20140154446	20140114	US20150957644	20151203
US20130857308	20130405	US20150979613	20151228	US20150940379	20151113
US20140285659	20140523	US20150547912F	20151209	US20140555628	20141127
WO20131B58164	20130830	US20160040466	20160210	US20160061982	20160304
US20160081600	20160325	US20160169022	20160531	US20160168212	20160530
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Probable Assignee: WORLD AWARD ACADEMY

Assignee(s):^(std): CHENG WESLEY ; GRONBERG MARTIN ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU ANDREW ; XING ZHOU TIAN ; ZHOU DYLAN T X ; ZHOU TIGER T G ; ZHOU TIGER ; ZHOU TIANXING ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU DYLAN TX

Assignee(s): AMOBILEPAY INC ; WORLD AWARD ACADEMY ; WORLD AWARD ACADEMY WORLD AWARD FOUNDATION AMOBILEPAY INC ; WORLD AWARD FOUNDATION ; TRAN BAO ; VENTURE LENDING AND LEASING IV INC

Inventor(s):^(std): XING ZHOU TIAN ; ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU TIGER ; ZHOU TIGER T G ; ZHOU TIANXING ; ZHOU TIANGE ; ZHOU HAIBIN ; ZHOU DYLAN TX ; GRONBERG MARTIN ; CHENG WESLEY

Inventor(s): XI MARY M Z

Agent(s): TRAN AND ASSOCIATES; GEORGIY L; WWWNIELSENPATENTSCOM; STEVEN A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
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G06F15/16 (Core/Invention)

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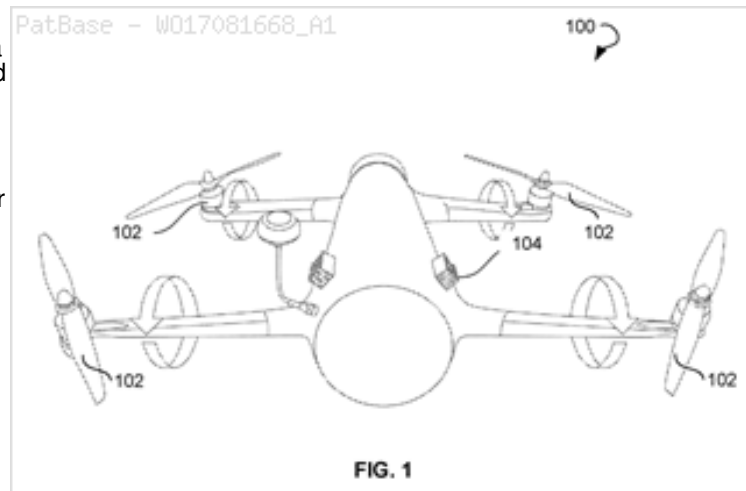
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Abstract:

Source: US2014098758A A system includes a server; a plurality of wireless networks coupled to the server; and one or more mobile devices coupled to the wireless networks with intermittent access to the wireless networks, the plurality of wireless networks providing data communication between client and server applications over multiple intermittent connections.



78) Family number: 44936292 (US2011204644A)

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Title: INTEGRATED GENERATOR DEVICE FOR PRODUCING ENERGY FROM ZERO-EMISSION RENEWABLE ALTERNATIVE SOURCES RESPECTING AND PRESERVING THE ENVIRONMENT

Priority: CH20080001676 20081024 EP20090764288 20091023 WO2009IB07206 20091023

Family:	Publication number	Publication date	Application number	Application date
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	WO10046767 A2	20100429	WO2009IB07206	20091023
	WO10046767 A3	20101229	WO2009IB07206	20091023

Probable Assignee: PERREGRINI VITTORIO

Assignee(s):^(std): PERREGRINI VITTORIO

Assignee(s): VITTORIO PERREGRINI

Inventor(s):^(std): PERREGRINI VITTORIO

Inventor(s): VITTORIO PERREGRINI

Agent(s): ROBIC; LOUIS POEHLAU LOHRENTZ; FABIANO PIERO; YOUNG AND THOMPSON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [F02C1/02](#) [F03B13/00](#) [F03B13/10](#) [F03B13/12](#) [F03B13/14](#) [F03B13/16](#) [F03B13/24](#) [F03D11/00](#) [F03D9/00](#) [F03D9/02](#) [F03D9/10](#) [F03D9/12](#) [F03G7/00](#) [H02N6/00](#) (Advanced/Invention); [F03B13/00](#) [F03D9/00](#) [F03G7/00](#) [H02N6/00](#) (Core/Invention)

CPC: [F03D9/008](#) [F05B2240/93](#) [Y02E10/38](#) [Y02E10/72](#) [F03D9/10](#) [F03D9/12](#) [F03D13/25](#) [Y02E10/727](#) [Y02E60/16](#) [B63B21/50](#) [B63B2035/4466](#)

European class: [F03D9/00F](#) [F03D9/02](#) [R05B240/93](#) [Y02E10/38](#) [Y02E10/72](#)

US class: [290/42](#) [290/44](#) [290/53](#) [290/53P](#) [290/54](#)

[Classification Explorer](#)

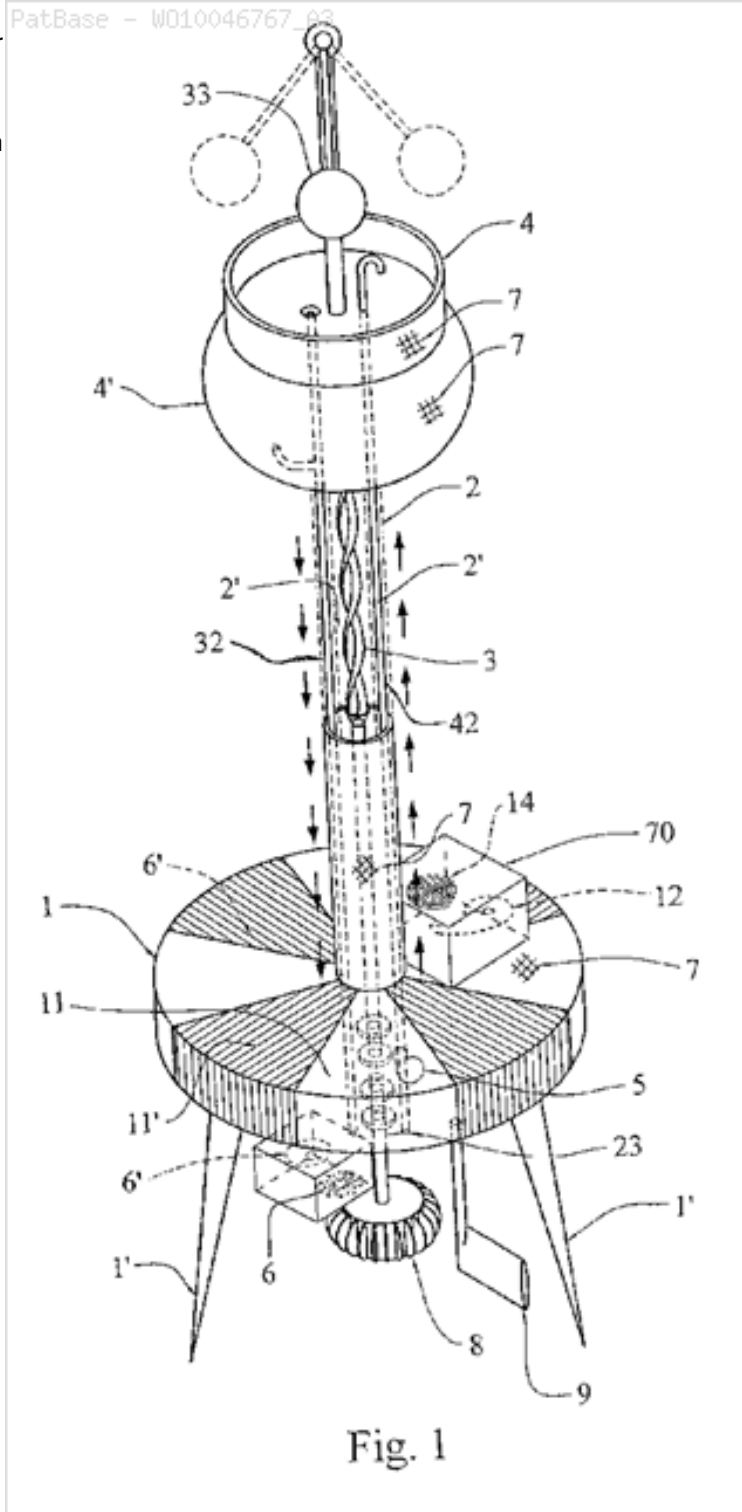
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Forward Citations: WO15129015, WO13188017, WO13180645, US9599299, US9416774, US8847425, US8432053, US8288884, US2014153226, US2013264829, US2013106191, US2012302228, US2012228963, US2010314876, JP5859523, JP2015503698, JP2013529744, JP2013133718, EP2772645, DE102014015672, CN103758683, CN103758683, CN103104418, CN103104418, CN102705139, CN102678429,

Abstract:

Source: US2011204644A An energy generator for generating energy from renewable alternative sources, includes: a floatable platform adapted to be partially immersed in a fluid; a tower element arranged on the platform and including at least one wind generator for collecting wind energy and converting the same into electric energy, at least one first energy accumulator and at least one inverter. The energy generator further includes at least one system for storing and converting mechanical energy; the system for storing and converting mechanical energy including at least one charge mechanical accumulator, at least one flywheel balance coupled with the charge mechanical accumulator and a device for converting mechanical energy into electric energy. The wave motion or the stream of fluid where the platform is immersed determines an oscillating movement of the platform, of the tower element and of the at least one balance to charge the mechanical accumulator, which in turn releases the energy produced by its movement to the device for converting mechanical energy.



79) Family number: 44998682 (WO10054656A1)

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Title: ARTICLE OF ELECTRICALLY ADJUSTABLE FURNITURE, SUCH AS A TABLE, BED OR RECLINING CHAIR**Priority:** DK20080001577 20081113

Family:	Publication number	Publication date	Application number	Application date
	<u>WO10054656 A1</u>	20100520	WO2009DK00235	20091113

Probable Assignee: LINAK AS**Assignee(s):^(std):** JOERGENSEN PREBEN ; LINAK AS**Assignee(s):** LINAK A S**Inventor(s):^(std):** JOERGENSEN PREBEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

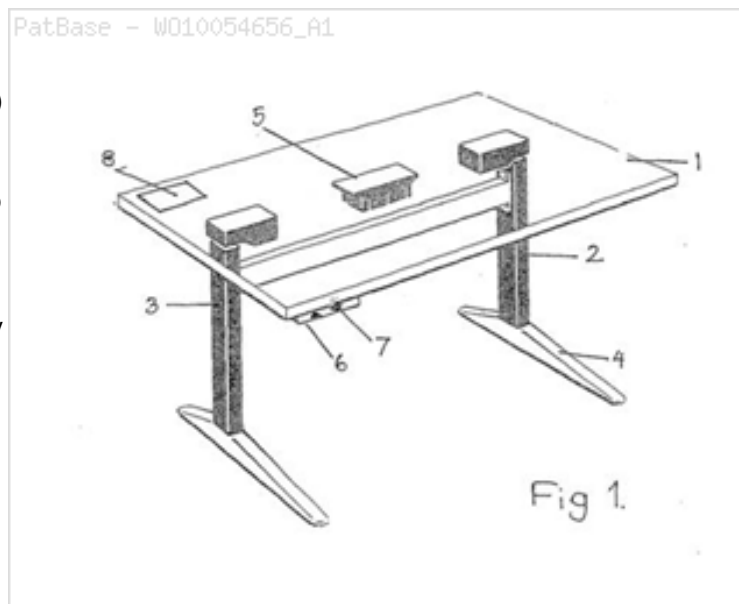
International class A47C20/04 (Advanced/Invention);
 (IPC 8-9): A47C20/00 (Core/Invention)

CPC: A47B9/00 A47C20/041**European class:** A47B9/00 A47C20/04A[Classification Explorer](#)

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Forward Citations: WO12113912, US9084475, EP2626967, EP2454969,**Abstract:**

An electrically adjustable article of furniture such as a table or a reclining chair, comprising at least one actuator and/or lifting column (2,3) driven by an electric motor for adjusting the article of furniture. The adjustment is carried out by activating a key (7) on an operation panel (6,21). For interrupting the connection to the mains supply the article of furniture is equipped with a mains cut-off, which automatically connects the mains supply when the actuator system is adjusted and otherwise cuts off the connection to the mains supply. By means of an electric energy storage (14) the relay (9) in the mains cut-off may be activated and connect the mains supply when the article of furniture is adjusted. The electric charge of the energy storage is build up and preserved by a solar panel (8).



Title: DISPOSITIVO DE ILUMINACION PARA BANDEROLAS COLGANTES DEVICE FOR LIGHT HANGING BANNERS (Machine translation)

Priority: ES20100030239U 20100317

Family:	Publication number	Publication date	Application number	Application date
	<u>ES1072134 UA</u>	20100524	ES20100030239U	20100317
	<u>ES1072134 Y1</u>	20100819	ES20100030239U	20100317

Probable Assignee: FARRERONS SERRADELL CARLES

Assignee(s):^(std): FARRERONS SERRADELL CARLES

Inventor(s):^(std): FARRERONS SERRADELL CARLES

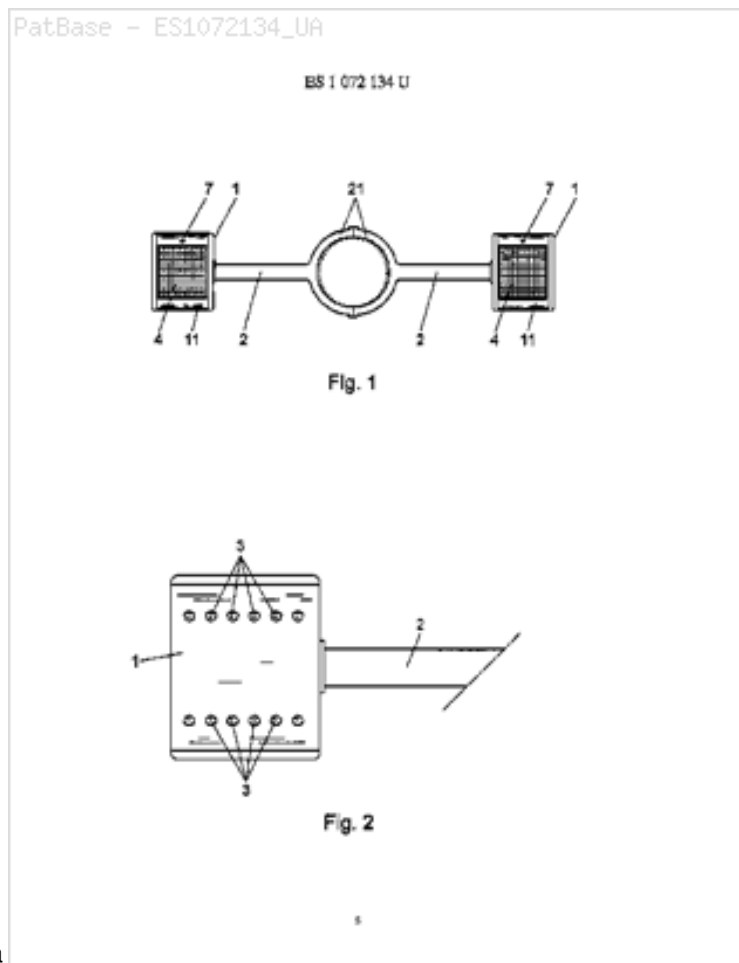
International class F21S9/03 (Advanced/Invention);
(IPC 8-9): F21S9/00 (Core/Invention)

[Classification Explorer](#)

Abstract:

Source: ES1072134U 1. Dispositivo de iluminacion para banderolas colgantes, aplicable a banderolas (B) colgantes del tipo de las que comprenden al menos una barra horizontal de la que cuelga una lamina desplazada a un extremo, encontrandose en el extremo opuesto de dicha barra horizontal un medio de fijacion al fuste (F) de una farola o poste, caracterizado porque comprende una barra (2) con unos medios de fijacion (21) al fuste (F) de la farola o poste, encontrandose en al menos un extremo de dicha barra (2) una carcasa (1) que presenta en superficie inferior al menos dos medios de iluminacion (3) direccionales, separados y orientados de forma convergente hacia la zona media inferior para la iluminacion simultanea de las dos caras opuestas de las banderolas (B) situadas por debajo, y encontrandose en la cara superior de la carcasa (1) al menos una placa fotovoltaica (4) asociada a una unidad de control (5) para la carga de unas baterias electricas (6) de alimentacion de los medios de iluminacion; disponiendo dicha unidad de control (5) de un sensor de iluminacion (7) ubicado en la cara superior de la carcasa (1) para la activacion de los medios de iluminacion en funcion de la iluminacion ambiental existente. 2. Dispositivo, segun la reivindicacion 1, caracterizado porque los medios de iluminacion (3) son unas hileras paralelas de diodos LED, orientadas longitudinalmente respecto a la carcasa (1). 3. Dispositivo, segun cualquiera de las reivindicaciones anteriores, caracterizado porque la carcasa (1) presenta una configuracion curva en direccion transversal, a modo de tejadillo, para dotar a los medios de iluminacion (3) de inclinacion convergente. 4. Dispositivo, segun cualquiera de las reivindicaciones anteriores, caracterizado porque la carcasa (1) presenta en su superficie superior unas ventanas transparentes (11) de proteccion de las placas fotovoltaicas (4). 5. Dispositivo, segun cualquiera de las reivindicaciones anteriores, caracterizado porque los medios de fijacion(21) al fuste (F) comprenden una semiabrazadera acoplable a la semiabrazadera de otro dispositivo analogo enfrentado y dispuesto simetricamente.

Machine translation: 1. Lighting device for hanging banners, pennants applicable to (B) suspension of the type comprising at least one horizontal bar from which hangs a sheet offset to one end, being at the opposite end of



said horizontal bar fixing half the shaft (F) of a lamp post or pole, which comprises a rod (2) with fixing means (21) to shaft (F) of the lamp post or pole, finding at least one end of said bar (2) a Housing (1) in lower surface that presents at least two lighting means (3) directional separated and convergently oriented toward the lower half area for simultaneous illumination of the two opposite faces of the banderoles (B) located underneath, and finding himself on the top face of the housing (1) at least one photovoltaic panel (4) associated with a control unit (5) for charging a battery electric (6) for feeding the media, lighting, providing the unit control (5) of a lighting sensor (7) located on the upper surface of the housing (1) for activation of the means of illumination as a function of the existing environmental lighting. 2. Device according to claim 1, wherein the lighting means (3) are about parallel rows of LEDs, oriented longitudinally of the housing (1). 3. Device according to any of the preceding claims, wherein the housing (1) has a curved configuration in transverse direction, as a roof, to provide the means of illumination (3) of convergent inclination. 4. Device according to any of the preceding claims, wherein the housing (1) has on its upper surface a transparent window (11) for protection of the photovoltaic panels (4). 5. Device according to any of the preceding claims, wherein the fixing means (21) to shaft (F) comprise a semiabrazadera semiabrazadera attachable to another device and arranged symmetrically faced analogue.

0) US2010141153A – WIRELESS LIGHTING DEVICES AND APPLICATIONS

81) Family number: 45104453 (US2010141153A)

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Title: WIRELESS LIGHTING DEVICES AND APPLICATIONS

Priority: US20060786636P 20060328 US20070692075 20070327 US20070847509 20070830
 US20080118257P 20081126 US20080118245P 20081126 US20090150477P 20090206
 US20090167556P 20090408 US20090167655P 20090408 US20080626640 20081126
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: WIRELESS ENV LLC

Assignee(s):^(std): LEVINE DAVID B ; RECKER MICHAEL V ; WIRELESS ENV LLC ; WIRELESS ENVIRONMENT LLC

Assignee(s): CITIZENS BANK N A ; DIRECTOR OF DEVELOPMENT OF STATE OF OHIO ; INT BUSINESS MACHINES CORP

Inventor(s):^(std): LEVINE DAVID B ; RECKER MICHAEL V

Agent(s): SMART AND BIGGAR; NAISMITH ROBERT STEWART; STRATEGIC PATENTS PC; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; FINNEGAN HENDERSON FARABOW GARETT AND DUNNER LLP; NORTRUP JOHN H ET AL; JIRON DARREN M ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [F21L4/02](#) [F21S9/02](#) [F21V19/04](#) [F21V23/04](#) [F21V4/00](#) [G08C17/02](#) [H01L25/16](#) [H02H3/08](#) [H02H3/20](#) [H02J3/00](#) [H02J3/32](#) [H02J7/00](#) [H02J7/02](#) [H02J7/34](#) [H02J9/00](#) [H02J9/02](#) [H02J9/06](#) [H05B33/08](#) [H05B37/00](#) [H05B37/02](#) [H05B37/03](#) [H05B39/00](#) [H05B39/04](#) [H05B41/288](#) [H05B41/292](#) [H05B41/36](#) (Advanced/Invention); [F21L4/00](#) [F21S9/02](#) [F21V23/04](#) [F21W111/027](#) [F21Y101/00](#) [F21Y101/02](#) [H02J1/10](#) [H02J5/00](#) [H02J7/02](#) (Advanced/Non-invention); [F21V19/04](#) [H05B37/00](#) [H05B37/02](#) [H05B41/36](#) (Core/Invention)

CPC: [H02J3/00](#) [H05B33/0809](#) [H02J7/025](#) [H02J9/061](#) [H05B33/0842](#) [Y02B20/42](#) [F21W2111/027](#) [Y02B20/383](#) [Y10S362/806](#) [Y02B20/48](#) [H05B33/089](#) [H02H3/08](#) [H02H3/20](#) [Y10T307/344](#) [Y10T307/615](#) [Y10T307/625](#) [Y10T307/505](#) [Y10T307/696](#) [H05B37/03](#) [H02J7/0068](#) [H02J7/34](#) [H02J9/065](#) [F21K9/23](#) [F21S9/022](#) [F21V23/0442](#) [H05B37/0272](#) [H05B37/0281](#) [H02J9/02](#) [H05B33/0857](#) [H05B33/0872](#) [H05B37/0227](#) [Y02B10/72](#) [Y10T307/359](#) [F21Y2115/10](#) [H05B33/0803](#) [H05B33/0854](#) [F21Y2101/00](#) [Y02B20/348](#) [Y02B20/44](#) [H02J7/345](#) [H05B37/0218](#)

European class: [H02J9/02](#) [H05B33/08D](#) [H05B37/02B6R](#) [T02J7/02B1](#) [T02J9/06C2](#) [Y02B10/72](#) [Y02B20/38B](#) [Y02B20/48](#)

US class: [1/1](#) [307/23](#) [307/25](#) [307/25P](#) [307/44](#) [307/64](#) [307/64S](#) [307/66](#) [307/66P](#) [307/80](#) [315/121](#) [315/130](#) [315/149](#) [315/149P](#) [315/153](#) [315/159](#) [315/159P](#) [315/160](#) [315/160S](#) [315/172](#) [315/175](#) [315/175S](#) [315/209R](#) [315/224](#) [315/225](#) [315/250](#) [315/291](#) [315/291P](#) [315/291S](#) [315/293](#) [315/297](#) [315/307](#) [315/308](#) [315/360](#) [315/360S](#) [315/362](#) [315/362S](#) [315/86](#) [315/86P](#) [362/20](#) [362/20P](#) [362/20S](#) [362/249.02](#) [362/276](#) [362/806](#)

[Classification Explorer](#)

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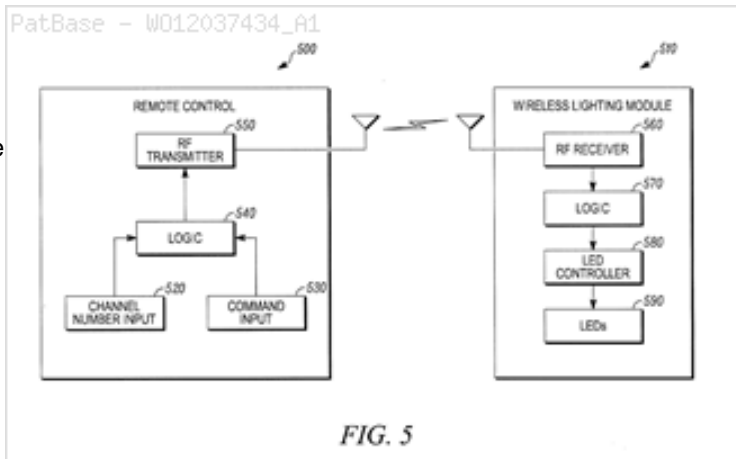
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 CN103745588, CN103621180, CN103576433, CN103576433, CN103563485,
 CN103511941, CN103415114, CN103369782, CN103369782, CN103347341,
 CN103244847, CN103120023, CN103075698, CN102997080, CN102997080,
 CN102647030, CN102647030, CN102325414, CN102325414, AU2015255250,
 AU2013221823, AU2013204671,

Abstract:

Source: US2010141153A In embodiments of the present invention improved capabilities are described for systems and methods that employ a control component and/or power source integrated in an LED based light source to control and/or power the LED light source wirelessly. In embodiments, the LED based light source may take the form of a standard light bulb that plugs into a standard lighting socket or fixture.



82) Family number: 45946823 (US2010172128A)

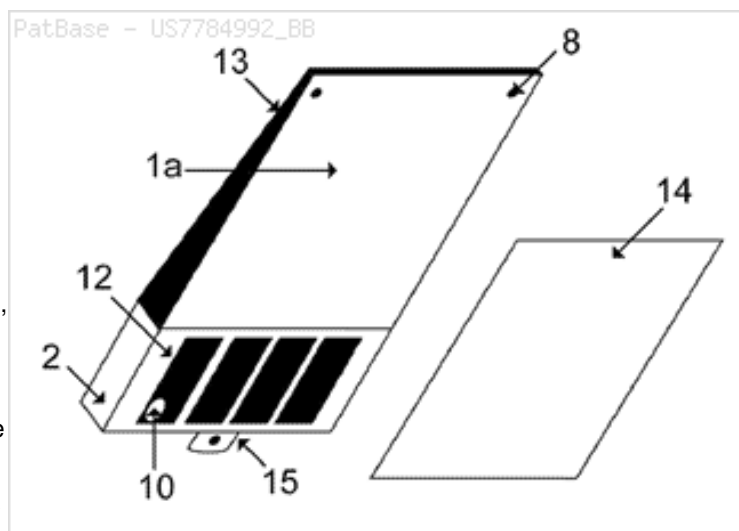
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Title: APPARATUS FOR A SOLAR WINDOW NIGHTLIGHT**Priority:** US20090350103 20090107 US20100871890 20100830

Family:	Publication number	Publication date	Application number	Application date
	<u>US2010172128 AA</u>	20100708	US20090350103	20090107
	<u>US2011007500 AA</u>	20110113	US20100871890	20100830
	<u>US7784992 BB</u>	20100831	US20090350103	20090107

Probable Assignee: SOL PALS LLC**Assignee(s):^(std):** GUSTAVESON RON ; GUSTAVESON RON G**Assignee(s):** SOL PALS LLC**Inventor(s):^(std):** GUSTAVESON RON ; GUSTAVESON RON G**Agent(s):** RON GUSTAVESON II; WORKMAN NYDEGGER,1000 EAGLE GATE TOWER;
WORKMAN NYDEGGER 1000 EAGLE GATE TOWER**International class** F21L4/02 F21L4/08 H01R33/00 (Advanced/Invention);
(IPC 8-9); F21L4/00 H01R33/00 (Core/Invention)**CPC:** F21S9/037 F21V21/092 F21Y2115/10**European class:** F21S9/03W F21V21/092 R21Y101/02**US class:** 362/125 362/183 362/183P 362/640 362/641[Classification Explorer](#)**Cited documents:** US7784992 BB, US7611253 BB, US7255471 BB, US6508171 BA, US6367180 BB, US6339188 BA, US6251491 BA, US5618100 A, US5181745 A, US2009284960 AA, US2009190367 AA, US2009175033 AA, US2009067180 AA, US2006198128 AA, US2006139912 AA, US2005103378 AA, US2003167947 AA, US2003081407 AA, US2002112386 AA, US2002017045 AA,**Forward Citations:** USD736452, USD735930, USD735929, USD643364, US9273840, US8217590, US2011007500, US2009261736, AU2010101169,**Abstract:**

Source: US2010172128A An apparatus for a solar window nightlight includes at least one battery contained within a circuit housing. Solar panels are disposed on an outside surface of the circuit housing for charging the battery. Control circuitry connects the battery, the solar panels and LED lights to control operations of the LED lights and charging of the at least one battery. A photocell is connected to the control circuitry where when ambient light falls below a predetermined level, the control circuitry activates the LED lights. Translucent lenses include a bore hole in a base for receiving one of the LED lights and reflective material on outside edges. Suction cups retain the apparatus on a window surface where, during day light hours, there is sufficient ambient light to charge the battery and, during night hours, the translucent lenses illuminate a desired area.



83) Family number: 45960626 (US2010175737A)

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Title: ACRYLIC FILM AND ACRYLIC BACKSHEET PREPARED THEREFROM

Priority: EP20090178850 20091211 JP20090282415 20091214 US20090204694P 20090109
US20090655164 20091223

Family:	Publication number	Publication date	Application number	Application date
	<u>CN101792565 A</u>	20100804	CN201010003572	20100108
	<u>CN103770417 A</u>	20140507	CN201310737699	20100108
	<u>DE602009032638 D1</u>	20150917	DE200960032638T	20091211
	<u>EP2210912 A1</u>	20100728	EP20090178850	20091211
	<u>EP2210912 B1</u>	20150805	EP20090178850	20091211
	<u>ES2547864 T3</u>	20151009	ES20090178850T	20091211
	<u>IN00046DE2010 A</u>	20100730	IN2010DE00046	20100108
	<u>IN274685 B</u>	20160805	IN2010DE00046	20100108
	<u>JP2010159415 A2</u>	20100722	JP20090282415	20091214
	<u>JP2014051681 A2</u>	20140320	JP20130258687	20131213
	<u>JP5489687 B2</u>	20140514	JP20090282415	20091214
	<u>JP5755714 B2</u>	20150729	JP20130258687	20131213
	<u>KR101146240 B1</u>	20120515	KR20100000793	20100106
	<u>KR20100082717 A</u>	20100719	KR20100000793	20100106
	<u>TW201030030 A</u>	20100816	TW20090143842	20091221
	<u>TWI409278 B</u>	20130921	TW20090143842	20091221
	<u>US2010175737 AA</u>	20100715	US20090655164	20091223
	<u>US8278548 BB</u>	20121002	US20090655164	20091223

Probable Assignee: ROHM AND HAAS CO

Assignee(s):^(std): GUO HAILAN ; POST ROBERT LEE ; ROHM AND HAAS ; VIETTI DAVID ELMER ; SONNATI MATTHIEU OLIVIER

Assignee(s): ROHM AND HAAS COMPANY ; ROHM AND HAAS COMPANYUS ; ROHM AND HAAS CO PHILADELPHIA ; ROHM AND HAAS CO

Inventor(s):^(std): ELMER VIETTI DAVID ; GUO HAILAN ; OLIVIER SONNATI MATTHIEU ; POST ROBERT L ; POST ROBERT LEE ; HAILAN GUO ; LEE POST ROBERT ; SONNATI MATTHIEU OLIVIER ; VIETTI DAVID E ; VIETTI DAVID ELMER

Inventor(s): VIETTI DAVID ELMER CARY ; SONNATI MATTHIEU OLIVIER 06200 ; MATTHIEU OLIVIER SONNATI ; POST ROBERT LEE IVYLAND ; ROBERT LEE POST ; GUO HAILAN WARRINGTON ; DAVID ELMER VIETTI

Agent(s): MURGITROYD AND CO; BUCKLEY GUY JULIAN; HOUGHTON MARK PHILLIP; DE ELZABURU ALBERTO; ROHM AND HAAS COMPANY, PATENT DEPARTMENT; ROHM AND HAAS CO PATENT DEPARTMENT; STEPHEN T

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

International class
(IPC 8-9): B32B27/08 B32B27/30 B32B27/36 B32B38/00 C08F2/44 C08F220/18 C08F265/06 C08J5/00 C08J5/18 C08J5/22 C08K3/00 C08L31/02 C08L33/08 C08L33/10 C08L51/00 H01L31/02 H01L31/042 H01L31/049 H01L31/18 (Advanced/Invention); B32B27/08 C08J5/18 C08L33/08 H01L31/042 (Advanced/Non-invention); B32B27/08 B32B38/00 C08F2/44 C08F265/00 C08J5/18 C08K3/00 C08L31/00 C08L33/00 C08L51/00 H01L31/02 H01L31/042 (Core/Invention); C08F220/18 C08J5/18 H01L31/042 (Core/Non-invention)

International class
(IPC 1-7): B32B38/00

CPC: Y02E10/50 C08J5/18 C08J2333/08 C08J2351/00 Y10T156/1039 H01L31/0481 H01L31/049

European class: C08J5/18 H01L31/048A H01L31/048D M08J333/08 M08J351/00

US class: 136/244 136/251 136/259 156/219 156/219S 156/246 156/246S 524/556 524/556S

[Classification Explorer](#)

Cited documents: WO08079394 A1, WO08040670 A1, WO07079246 A2, US6320116 BA, US5741370 A, US4141935 A, US3812205 A, US3562235 A, US2008264484 AA, US2008254397 AA, US2008254396 AA, US2008251181 AA, US2008156367 AA, US2008154004 AA, US2008096143 AA, US2007166469 AA, US2007154704 AA, JP54114595 A2, JP2008306947 A2, JP2007329939 A2, JP2007320039 A2, JP2007007885 A2, JP2004247390 A2, JP2002361712 A2, JP2002331619 A2,

Forward Citations: US2015075617, US2014238468, US2013125973, KR101296146, JP5978519, JP2013065803,

Abstract:

Source: US2010175737A An acrylic film including from 70 percent to 99 percent, by weight based on the weight of the film, of a certain multi-stage acrylic polymer and from 1 percent to 20 percent, by weight based on the weight of the film, pigment is provided. Also provided is a method for forming the acrylic film, a backsheet for a photovoltaic array that includes the acrylic film and a polyester layer, and a method for forming the backsheet.

Title: LIGHTING CONTROL SYSTEM WITH WIRELESS SENSOR**Priority:** EP20090150102 20090106

Family:	Publication number	Publication date	Application number	Application date
	<u>TW201031269 A</u>	20100816	TW20100100104	20100105
	<u>WO10079398 A1</u>	20100715	WO2009IB55863	20091221

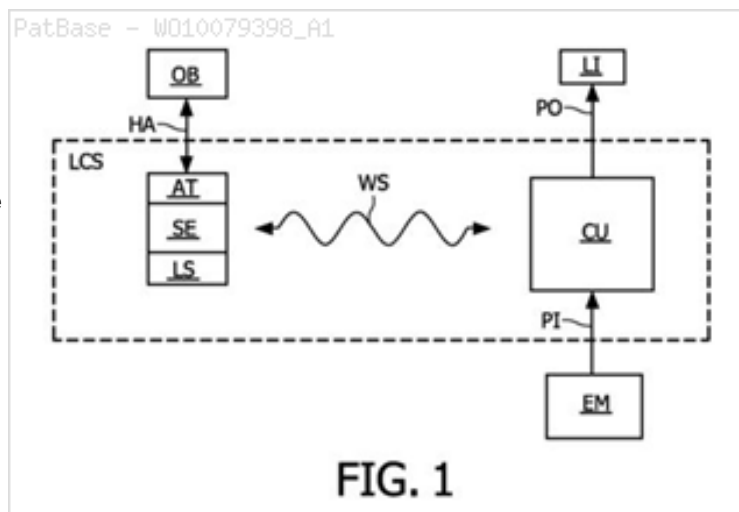
Probable Assignee: KONINKL PHILIPS ELECTRONICS NV**Assignee(s):^(std):** DELNOIJ ROGER P A ; KONINKL PHILIPS ELECTRONICS NV ; PHILIPS ELECTRONICS KONINKLL NV**Assignee(s):** DELNOIJ ROGER P ; KONINKLIJKE PHILIPS ELECTRONICS N V ; KONINKLIJKE PHILIPS ELECTRONICS N V NL**Inventor(s):^(std):** DELNOIJ ROGER P A ; DELNOIJ ROGER PETER ANNA**Inventor(s):** DELNOIJ ROGER P**Agent(s):** BEKKERS JOOST J J ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class H05B37/02 (Advanced/Invention) ;
 (IPC 8-9) H05B37/02 (Core/Invention) ;
H05B37/02 (Core/Non-invention)

CPC: H05B37/0218 H05B37/0227 Y02B20/46**European class:** H05B37/02B2 H05B37/02B4 Y02B20/46[Classification Explorer](#)**Cited documents:** US5455487, US2007055470, US2005156711, DE102006020122,**Abstract:**

The invention according to the present invention relates to a lighting control system comprising at least one sensor, a control unit to control a power supply to a lighting system in dependency of signals provided by the sensor, a linking system for linking the sensor to the control unit, enabling the sensor and the control unit to wirelessly communicate with each other, and an attachment assembly for attaching the sensor to an object at a place of attachment thereof, wherein the attachment assembly is configured to detach the sensor from the object by hand, and to attach the sensor to the object again by hand.



0) EP2258579A1 – ADDITIONAL AUTONOMOUS POWER SUPPLY SYSTEM FOR V...

85) Family number: 47768659 (EP2258579A1)

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Title: ADDITIONAL AUTONOMOUS POWER SUPPLY SYSTEM FOR VEHICLE, ESPECIALLY FOR INDUSTRIAL OR COMMERCIAL VEHICLE

Priority: EP20090425218 20090603

Family:	Publication number	Publication date	Application number	Application date
	<u>DE602009038182 D1</u>	20160623	DE200960038182T	20090603
	<u>EP2258579 A1</u>	20101208	EP20090425218	20090603
	<u>EP2258579 B1</u>	20160427	EP20090425218	20090603
	<u>ES2584452 T3</u>	20160927	ES20090425218T	20090603

Probable Assignee: IVECO SPA

Assignee(s):^(std): IVECO SPA

Assignee(s): IVECO S P A

Inventor(s):^(std): BERTOZZI FRANCO ; PACINI FABRIZIO

Agent(s): BORSANO CORRADO; FRANZOLIN LUIGI; ARIAS JUAN

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK TR

International class B60L1/00 B60R16/03 H02J7/00 H02J7/34 H02J7/35 ^(Advanced/Invention)
(IPC 8-9).

CPC: B60L1/00 B60L8/003 H02J7/0054 H02J7/34 H02J7/35 Y02T10/7083

European class: B60L1/00 B60L8/00 B60L8/00B H02J7/00G1 H02J7/34 H02J7/35 Y02T10/70J2B

[Classification Explorer](#)

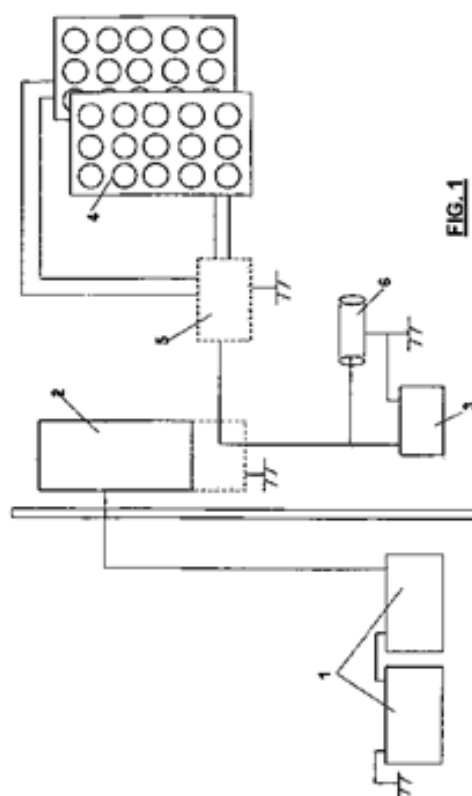
Cited documents: WO07025096 A1, US5905356 A, DE3841769 C1,

Abstract:

Source: EP2258579A1 The present invention relates to an additional autonomous power supply system for vehicle, especially for industrial or commercial vehicle, said vehicle being provided with primary batteries used only for power supplying the primary functions of the vehicle, said system comprising: an additional system of hermetic batteries (3), used for power supplying the accessories used in the vehicle; means for recharging (2, 4) said additional system of hermetic batteries (3); and means for controlling the recharging (5).

PatBase - ES2584452_T3

ES 2 584 452 T3

**FIG. 1**

86) Family number: 47852961 (IN03207CH2010A)

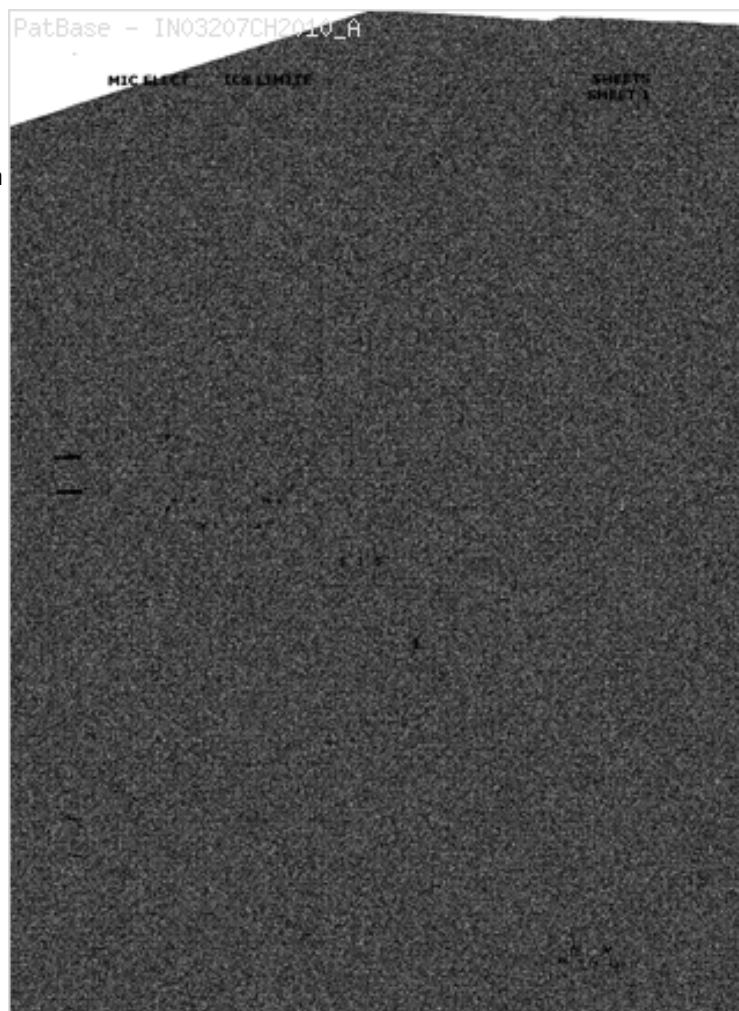
© PatBase

Title: AN INTEGRATED LED BASED SOLAR STREET LIGHT LUMINAIRE ASSEMBLY**Family:**

Publication number	Publication date	Application number	Application date
IN03207CH2010 A	20101217	IN2010CH03207	20101028

Probable Assignee: MIC ELECTRONICS LTD**Assignee(s):** MIC ELECTRONICS LTD**Inventor(s):** RAO MAGANTI VENKATA RAMANA**International class** F21S11/00 (Advanced/Invention)
(IPC 8-9).[Classification Explorer](#)**Abstract:**

Source: IN03207CH2010A A low cost solar powered integrated LED based outdoor/street lighting system adapted to be fully self sustained with solar energy avoiding the need for grid power. Solar energy is used to charge a battery which powers a driver circuit which in turn energizes LEDs to produce uniform lighting for the desired number of hours. The Integrated Luminaire consisting of 2 or more independent light modules, each containing one Solar panel, one CCU, one Battery and one LED panel is enclosed in a single housing with modular architecture facilitating redundancy. The features like auto on/off, dimming for extended battery back up and minimal maintenance. Importantly, such lighting unit is hermetically sealed and also theft- proof. IP65 protection favors longer outdoor operational life. Such cost effective lighting solutions find wide scale application in the rural, urban/semi-urban areas and tier-3 cities these for street/community lighting reducing the demand on grid power.



0) CN202165983U – INDOOR SOLAR ENERGY BEDSIDE LAMP

87) Family number: 47997139 (CN202165983U)

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Title: INDOOR SOLAR ENERGY BEDSIDE LAMP

Priority: AU20100101169 20101026

Family:	Publication number	Publication date	Application number	Application date
	AU2010101169 AD	20101223	AU20100101169	20101026
	AU2010101169 BD	20110303	AU20100101169	20101026
	CN202165983 U	20120314	CN201120236569U	20110706

Probable Assignee: ANTHONY COLLINS

Assignee(s):^(std): ANTHONY COLLINS ; COLLINS ANTHONY FRANCIS

Assignee(s): ANTHONY FRANCIS COLLINS ; ANTHONYFRANCISCOLLINS

Inventor(s):^(std): COLLINS ANTHONY FRANCIS

Inventor(s): ANTHONY FRANCIS COLLINS ; ANTHONYFRANCISCOLLINS

Agent(s): COLLINS ANTHONY FRANCIS

International class [F21L4/08](#) [F21S9/03](#) [F21V17/10](#) [F21V23/04](#) [H05B37/02](#) ^(Advanced/Invention);
^(IPC 8-9) [F21Y101/02](#) ^(Advanced/Non-invention)

CPC: [Y02B20/72](#) [F21S9/037](#) [H05B37/0281](#) [Y02B20/42](#)

European class: [F21S9/03W](#) [H05B37/02B8](#) [Y02B20/42](#)

[Classification Explorer](#)

Cited documents: US7784992 BB, US7524079 BB, US6290367 BA,

Forward Citations: CN103196093,

Abstract:

Source: CN202165983U The utility model discloses an indoor solar energy bedside lamp which comprises a solar energy battery panel attached on a windowsill towards outdoors, a current limiter arranged on a base, a timing circuit, a rechargeable battery and an LED (light-emitting diode) lamp cap which is arranged at the top of a lamp post and positioned in a lamp cover, wherein the bottom of the lamp post is connected with the base, the solar energy battery panel and the rechargeable battery are respectively and electrically connected with the current limiter, and the LED lamp cap is electrically connected with the current limiter by the timing circuit. The indoor solar energy bedside lamp not only can automatically turn off in a set time so as to prevent unnecessary electric energy waste, but also can carry out charging on the premise that the largest electric quantity bearing capacity of the rechargeable battery is not exceeded so that the phenomenon that the rechargeable battery is damaged due to overcharging the rechargeable battery is avoided; in addition, the solar energy battery panel can be separated from the base so as to enable the use to be more convenient, and simultaneously, the indoor solar energy bedside lamp can be turned off manually, thus meeting multifunctional using requirements for users.

PatBase - CN202165983_U

CN 202165983 U

说明书附图

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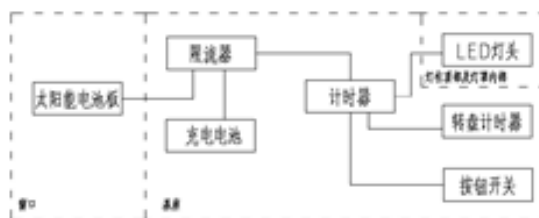


图 1

0) EP2275007B1 – MOEBEL, INSBESONDERE ZUR PRAESENTATION VON WARE...

88) Family number: 48152284 (EP2275007B1)

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Title: MOEBEL, INSBESONDERE ZUR PRAESENTATION VON WAREN FURNITURE, PARTICULARLY FOR PRESENTING GOODS

Priority: DE200910032949 20090714 EP20100007013 20100707

Family:	Publication number	Publication date	Application number	Application date
	<u>DE102009032949 A1</u>	20110120	DE200910032949	20090714
	<u>DE502010008545 D1</u>	20150212	DE201050008545T	20100707
	<u>EP2275007 A1</u>	20110119	EP20100007013	20100707
	<u>EP2275007 B1</u>	20141224	EP20100007013	20100707
	<u>ES2532756 T3</u>	20150331	ES20100007013T	20100707

Probable Assignee: DULA WERKE DUSTMANN AND CO GMBH

Assignee(s):^(std): DUSTMANN DULA WERK

Assignee(s): DULA WERKE DUSTMANN AND CO GMBH

Inventor(s):^(std): LENNERTZ WILHELM

Agent(s): BUSE MENTZEL LUDEWIG PATENTANWALTSKANZLEI; PATENTANWAELTE BUSE MENTZEL LUDEWIG; BUSE MENTZEL LUDEWIG PATENTANWALTSKANZLEI; DE ELZABURU ALBERTO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class A47F11/10 A47F3/00 A47F5/00 A47F5/16 (Advanced/Invention)
(IPC 8-9):

CPC: A47F3/001 A47F11/10

European class: A47F11/10 A47F3/00B

[Classification Explorer](#)

Cited documents: FR2731885 A1, EP2071983 A1,
DE202004003242 U1

Forward Citations: FR3038502,

Abstract:

The furniture (10) has a receiver (20) and/or converter for receiving electromagnetic waves that are transmitted from a laser, and converting the energy transmitted from received electromagnetic waves into electrical energy. The electrical energy is directly or indirectly used for operating an electrical device e.g. display, and light source such as LED, organic LED or halogen lamp. A storage medium i.e. accumulator, is provided for storing the electrical energy, and the receiver and/or converter is designed as a photovoltaic cell (21).

PatBase - ES2532756_T3

ES 2 532 756 T3

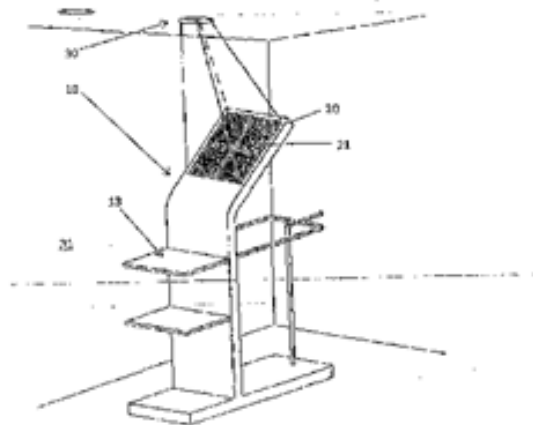


Fig. 1

0) IN00197CH2011A – IMPROVED LIGHT-EMITTING DIODE (LED)

89) Family number: 48240851 (IN00197CH2011A)

© PatBase

Title: IMPROVED LIGHT-EMITTING DIODE (LED)

Family:

Publication number	Publication date	Application number	Application date
IN00197CH2011 A	20110204	IN2011CH00197	20110121

Probable Assignee: SUDHA KIRAN BANDA

Assignee(s): SUDHA KIRAN BANDA

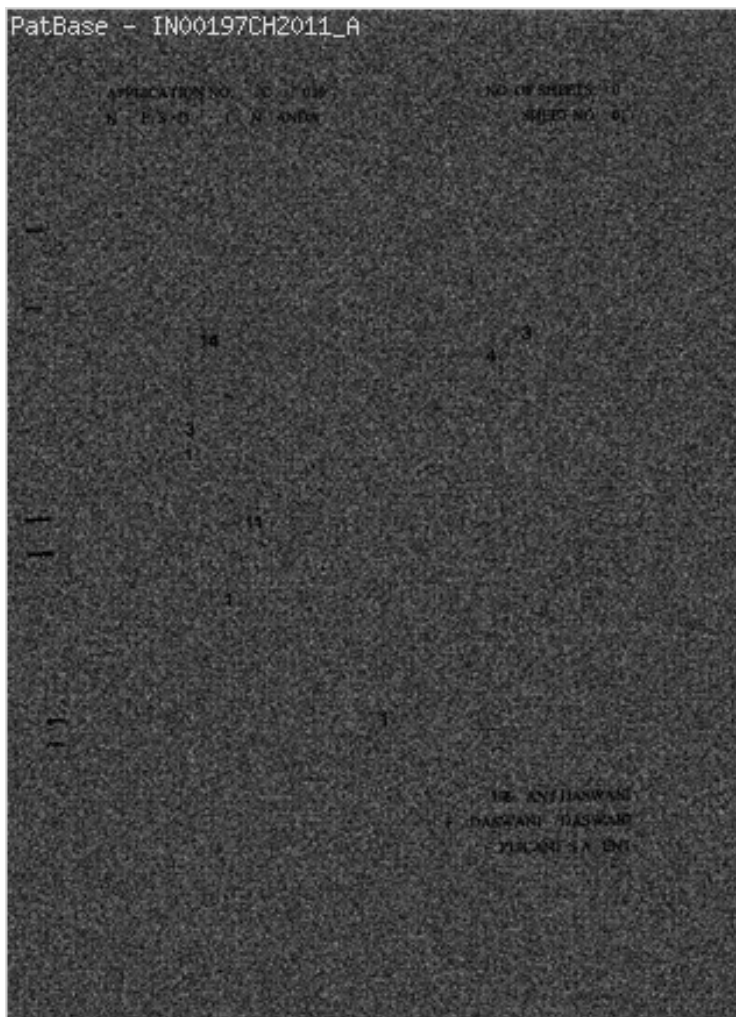
Inventor(s): GALI SRINIVASA CHAKRAVARTHY ; NADUPALLI VENKATA SATYANARAYANA ; SUDHA KIRAN BANDA

International class H01L (Advanced/Invention)
(IPC 8-9):

[Classification Explorer](#)

Abstract:

Source: IN00197CH2011A An improved light-emitting diode (LED) comprising of diffusion dome, LED Light Base, switch made of PVC characterizing Off Indication, heat Shrink for absorbing heat released by LEDs; body consisting ABS and mix of Ivory master batch characterized, ivory master batch consisting Toner Carrier Colorant; battery and PCB Holder, base plate consisting of MS with Power coating, nylon which is a generic designation; battery fixtures, battery, PCB holder consisting, handle hook, handle and charging Pin.



Title: LED (LIGHT EMITTING DIODE) BONSAI**Priority:** CN201020165108U 20100421**Family:**

Publication number	Publication date	Application number	Application date
<u>CN201750684 U</u>	20110223	CN201020165108U	20100421

Probable Assignee: HUINENG TIANCHENG ENERGY SAVING TECHNOLOGY BEIJING CO LTD**Assignee(s):^(std):** HUINENG TIANCHENG ENERGY SAVING TECHNOLOGY BEIJING CO LTD**Assignee(s):** HUINENG TIANCHENG ENERGY SAVING TECHNOLOGY BEIJING CO**Inventor(s):^(std):** WEI DING ; WENBIN MIAO**Inventor(s):** DING WEI ; MIAO WENBIN**International class** A01G9/02 F21V33/00 (Advanced/Invention);
(IPC 8-9): F21W121/00 F21Y101/02 (Advanced/Non-invention)**CPC:** Y02P60/12[Classification Explorer](#)**Forward Citations:** CN103939831,**Abstract:**

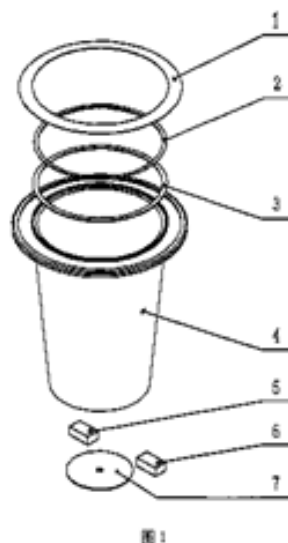
Source: CN201750684U The utility model discloses an LED (light emitting diode) bonsai comprising a bonsai main body, wherein an LED light source module is arranged on the bonsai main body, a solar panel is arranged at the outer side of the bonsai main body, and a rechargeable battery and an illumination controller are arranged in the bonsai main body; and the solar panel, the rechargeable battery and the illumination controller together with the LED light source module form a charge light-emitting control loop. As for the LED bonsai, the solar panel conducts photovoltaic effect under the irradiation of light rays to generate electric energy for charging the rechargeable battery in the day, while the rechargeable battery discharges under the control of the controller at night without light rays, and the generated electric power enables a light-emitting body to emit lights to illuminate the flower-plant in the bonsai, thus creating night ambience and ornamenting furniture environment; when being used beside a child, the LED bonsai does not generate danger due to overheat; besides the functions of cleaning air, removing bacterium and dedusting of the original flower-plant, the LED bonsai also can serve for normal illumination with low luminance when being placed at a bedroom, a drawing room, an aisle and the like.

PatBase - CN201750684_U

CN 201750684 U

说明书附图

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0) EP2309179A1 – A TABLE HAVING A GLASS TABLE TOP PROVIDED WITH ...

91) Family number: 48716584 (EP2309179A1)

© PatBase

Title: A TABLE HAVING A GLASS TABLE TOP PROVIDED WITH LED'S

Priority: EP20090075459 20091012 EP20100187191 20101011

Family:	Publication number	Publication date	Application number	Application date
	<u>EP2309179 A1</u>	20110413	EP20100187191	20101011

Probable Assignee: COX FRANK

Assignee(s):^(std): COX FRANK

Inventor(s):^(std): COX FRANK

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class F21V33/00 (Advanced/Invention)
(IPC 8-9).

CPC: F21V33/0012 A47B13/12 F21W2131/301 G02B6/0036 G02B6/0068 G02B6/0073 G02B6/0095 F21Y2115/10

European class: A47B13/12 F21V33/00A3 G02B6/00L6U14 R21W131/301 R21Y101/02 S02B6/00L6O4B S02B6/00L6S2 S02B6/00L6S6

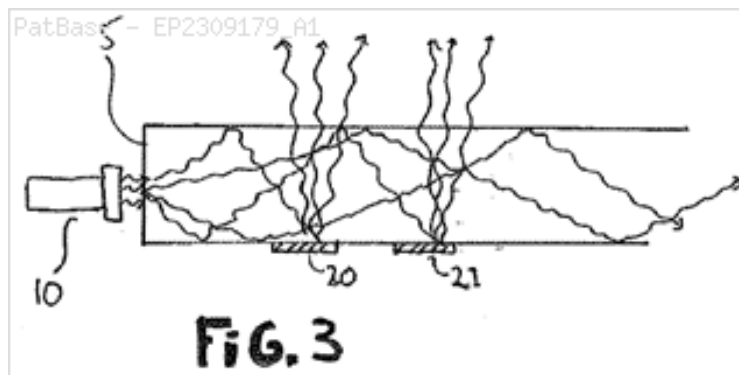
[Classification Explorer](#)

Cited documents: WO04064576 A1, US2008084684 AA, GB2418517 A1, DE20020208 U1, DE20019071 U1,

Forward Citations: US8469539, GB2478655, GB2478655, DE202014106077, DE202012101080,

Abstract:

Source: EP2309179A1 The invention pertains to a table comprising a table top supported by one or more vertical legs, the table top comprising a glass plate having in essence a horizontally surface, wherein the table is provided with multiple light emitting diodes arranged along one or more sides of the glass plate such that each diode emits light into a side of the plate when switched on.



0) US2013321751A – PLATE GLASS AND MANUFACTURING PROCESS THEREOF

92) Family number: 49600341 (US2013321751A)

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Title: PLATE GLASS AND MANUFACTURING PROCESS THEREOF

Priority: CN201010126584 20100318 CN201010160301 20100430 CN201010507872 20101015
 CN201010542549 20101115 CN201010516800 20101015 CN201010516817 20101015
 CN201110060915 20110315 CN201110060913 20110315 CN201110042787 20110223
 CN201110060944 20110315 CN201310391400 20110315 CN201310391466 20110315
 CN201110060932 20110315 WO2011CN000412 20110315 WO2011CN000409 20110315
 WO2011CN000413 20110315 WO2011CN000411 20110315

Family:	Publication number	Publication date	Application number	Application date
	CN102234181 A	20111109	CN201110060915	20110315
	CN102234181 B	20130724	CN201110060915	20110315
	CN102260045 A	20111130	CN201110060913	20110315
	CN102285759 A	20111221	CN201110060944	20110315
	CN102285759 B	20130724	CN201110060944	20110315
	CN102557459 A	20120711	CN201110060932	20110315
	CN103420608 A	20131204	CN201310246790	20110315
	CN103420608 B	20161228	CN201310246790	20110315
	CN103466957 A	20131225	CN201310391466	20110315
	CN103466957 B	20170201	CN201310391466	20110315
	CN103482875 A	20140101	CN201310391400	20110315
	CN103482875 B	20151125	CN201310391400	20110315
	EP2687491 A1	20140122	EP20110755619	20110315
	EP2687491 A4	20150318	EP20110755619	20110315
	EP2687492 A1	20140122	EP20110755622	20110315
	EP2687492 A4	20150318	EP20110755622	20110315
	IN07218DN2013 A	20160429	IN2013DN07218	20130814
	JP2014508703 T2	20140410	JP20130553757T	20110315
	JP5770314 B2	20150826	JP20130553757T	20110315
	KR101584417 B1	20160111	KR20137021452	20110315
	KR20130126687 A	20131120	KR20137021452	20110315
	RU2013138253 A	20150420	RU20130138253	20110315
	RU2583393 C2	20160510	RU20130138253	20110315
	US2013321751 AA	20131205	US20110985116	20110315
	US2014128530 AA	20140508	US20110985525	20110315
	US2015050461 AA	20150219	US20110985501	20110315
	US2015299027 AA	20151022	US20110985411	20110315
	US9108878 BB	20150818	US20110985116	20110315
	US9650282 BB	20170516	US20110985525	20110315
	WO11113302 A1	20110922	WO2011CN000409	20110315
	WO11113303 A1	20110922	WO2011CN000411	20110315
	WO11113304 A1	20110922	WO2011CN000412	20110315
	WO11113305 A1	20110922	WO2011CN000413	20110315
	ZA201306244 A	20140430	ZA20130006244	20130820

Probable Assignee: JAN DENIN

Assignee(s):^(std): DENING YANG ; JAN DENIN ; YANG DENING

Inventor(s):^(std): DENING YANG ; JAN DENIN ; YANG DENING

Agent(s): JEANNET OLIVIER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): B32B15/04 B32B17/00 C03B11/00 C03B15/14 C03B17/04 C03B17/06 C03B18/02 C03B19/02 C03B27/012 C03B37/01 C03B37/02 C03B5/00 C03B9/00 C03B9/30 C03C13/00 C03C13/06 C03C17/00 C03C17/02 C03C17/04 C03C17/22 C03C3/04 C03C3/062 C03C3/064 C03C3/087 C03C3/091 C03C3/112 C03C3/115 C03C3/118 C03C4/00 C08J5/04 C08K7/14 G02F1/1333 G02F1/1335 H01L31/0216 H01L31/0392 H01L31/04 H01L31/042 H01L31/048 H01L51/46 (Advanced/Invention);
C03C (Subclass/Invention)

CPC: C03C3/04 H01L31/02168 C03B37/02 C03C13/00 Y10T428/298 C03C17/02 C03C17/002 C03C3/062 C03C3/087 C03C3/112 C03C17/04 C03C4/0092 H01L31/0392 H01L31/048 Y02E10/50 G02F1/133514 Y10T428/24479 C03B9/30 C03B19/02 C03B17/04 C03B27/012 C03C3/091 C03C3/064 C03C3/11 C03C3/118 C03C13/06 C08J5/043 C08J2300/00 Y02P40/57

European class: C03C13/00 C03C17/04 C03C3/062 C03C3/064 C03C3/087 C03C3/091 C03C3/112 C03C3/118 C03C4/00V Y02E10/50

US class: 1/1 136/252 349/106 428/156 428/220 428/401 501/53 501/66 501/70 501/73 501/77 524/405 524/431 65/30.14 65/474 65/60.53 65/66 65/86

[Classification Explorer](#)

Cited documents: WO09078421 A1, WO07050529 A2, WO06064164 A1, WO04035498 A2, WO0134531 A1, WO01034531, US9108878 BB, US8987154 BB, US8349455 BB, US7892999 BB, US7482294 BB, US6949485 BB, US6387513 BA, US6346494 BA, US6297182 BA, US6284684 BA, US6156683 A, US5932500 A, US5747153 A, US5614452 A, US5332699 A, US4461840 A, US4147555 A, US3929497 A, US3929497, US3081179 A, US2015050461 AA, US2013244858 AA, US2012186491 AA, US2012178610 AA, US2011135938 AA, US2010129944 AA, US2009286440 AA, US2009176038 AA, US2008276652 AA, US2008191179 AA, US2007253993 AA, US2007087139 AA, US2005037185 AA, US2004157721 AA, US2004092379 AA, US2004069770 AA, US2003181306 AA, US2003083188 AA, US2002011080 AA, US2002010066 AA, US2002001080, SU631473 T, SU581097 T, SU455072 T, SU1321704 T, SU1321704, RU2178393, RU2008140316, JP5864243, JP58064243 A2, JP50076120 A2, JP2009167089 A2, JP2009167089, JP2009091244 A2, JP2006205390 A2, JP2001348246 A2, JP2001348246, JP2001058843 A2, JP2001058843, JP10139488 A2, EP1641717 B1, EP0459105 A1, CN87102148 A, CN2451584 Y, CN1802327 A, CN1722347 A, CN1636908 A, CN1263059 A, CN1162950 A, CN1137495 A, CN1053047 A, CN1042890 A, CN101784494 A, CN101704633 A, CN101624262 A, CN101580344 A, CN101475308 A, CN101423329 A, CN101239779 A, CN101234851 A, CN101119939 A,

Forward Citations: WO16179134, WO16086501, WO16086500, WO16086498, WO16054872, WO16054871, WO15081602, WO14062987, WO14062987, WO13181923, US9546107, US2015299027, CN104781202, CN103224327, CN102731148,

Abstract:

Source: US2013321751A Provided is the plate glass having high annealing temperature, high strength, excellent flatness and low viscosity, and manufacturing process thereof, which can be used for display and photovoltaic solar device. The plate glass contains (in mass percent) boron oxide 0–3.9 percent, sodium oxide 0.01–14 percent, iron oxide 0.01–5 percent, fluorine oxide 0 percent, magnesia 7–22.2 percent, alumina 0.01–39 percent, wherein the content of silica is 1.9–4.1 times that of calcium oxide, the content of calcium oxide is 1.0–1.8 times that of magnesia.



93) Family number: 49891800 (US2011270682A)

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Title: SOLAR PANEL WIND TURBINE COMMUNICATION SERVER NETWORK APPARATUS METHOD AND MECHANISM

Priority: US20090459353 20090629 US20100768981 20100428 US20130034351 20130923
US20120721116 20121220 US20100830344 20100704

Family:

Publication number	Publication date	Application number	Application date
<u>US2011270682 AA</u>	20111103	US20100768981	20100428
<u>US2014026155 AA</u>	20140123	US20130034351	20130923
<u>US2014176337 AA</u>	20140626	US20120721116	20121220
<u>US8369997 BB</u>	20130205	US20100768981	20100428

Probable Assignee: SOCOLOF ALEX

Assignee(s):^(std): SOCOLOF ALEX ; VALIN DAVID

Inventor(s):^(std): VALIN DAVID ; SOCOLOF ALEX

Agent(s): MATTHEW T; WHITE WELKER AND WELKER LLC

International class
(IPC 8-9): G01D4/00 G06F15/16 G06F7/04 G06N5/02 G06Q20/00 G06Q30/00 G06Q40/00 G06Q50/00 G08B13/14 G08C19/00 H02K21/00 H02P9/00 H02P9/04 H04B10/00 H04N13/02 H04N21/2543 H04N3/26 (Advanced/Invention); H02N11/00 (Advanced/Non-invention)

CPC: G06Q50/06 G06Q30/0267 G06Q40/04 H04N13/02 H04N13/0429 Y02B10/30 Y02E10/725 G01D4/002 H04N21/2543 H04Q9/00 H02S10/12 H02S40/10 H02S40/12 G06Q99/00 F24J2/0477 F24J2/24 F24J2/461 F03D9/00 F03D9/007 Y02E10/44

European class: G06Q20/204 G06Q30/0267 G06Q40/04 G06Q50/06 G07F15/00C6 T04N13/02 T04N13/04G Y02B10/30 Y02E10/72H

US class: 235/383 235/383S 290/44 290/44S 310/152 310/152S 340/5.53 340/5.530S 340/572.1 340/572.100S 340/870.02 348/46 348/46S 348/745 348/745S 348/E13.074 348/E13.074S 348/E3.048 348/E30.48S 398/115 398/115S 415/916 415/916S 700/286 700/287 705/14.64 705/14.640P 705/17 705/17S 705/37 705/37S 706/46 706/46S 709/203 709/203S 725/5 901/1 901/1S

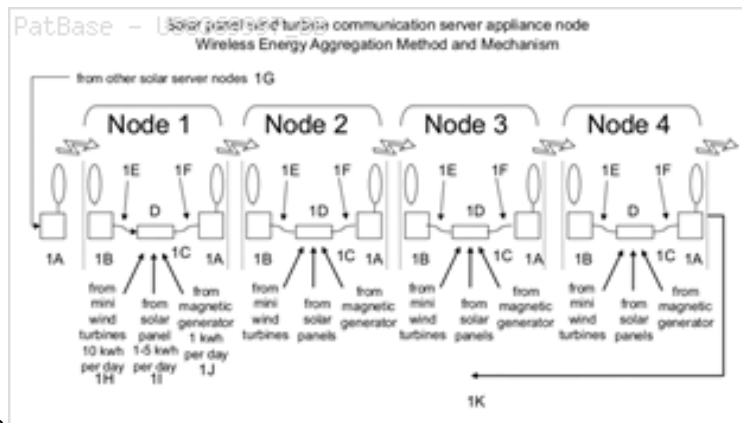
[Classification Explorer](#)

Cited documents: US8996188 BB, US8306671 BA, US8019445 BB, US7958229 BB, US7888590 BB, US7884727 BB, US7819114 BB, US7783390 BB, US7738612 BB, US7462955 BB, US7444189 BA, US7339286 BA, US7293960 BB, US7274975 BB, US7245039 BB, US7162833 BB, US6433867 BA, US2014176336 AA, US2010235209 AA, US2010172759 AA, US2010170293 AA, US2010070097 AA, US2010029268 AA, US2009293932 AA, US2009195349 AA, US2009151769 AA, US2009079161 AA, US2009076661 AA, US2009072771 AA, US2009062969 AA, US2008278000 AA, US2006260672 AA, US2005165511 AA, US2005076563 AA, US2002066473 AA,

Forward Citations: WO16122911, US8918221, US8706584, US8595094, US8169094, US2014266763, US2014228976, US2013103801, US2012243518, US2011184574, US2011043044,

Abstract:

Source: US2011270682A The method included herein is an alternative energy wireless solar panel wind turbine communication server appliance node mechanism with built in communications server array, wireless energy and communications mechanism with protection, sharing, storage, accessing, authentication, battery management, certification, processing attachment and tracking mechanisms. The method and mechanism is utilized via networked servers, solar panels, and wireless electronic devices (online and offline) as well as mobile (wireless) communications devices built into one waterproof, temperature, controlled self sensing hardware package. The method and mechanism also works as part of a kilowatt hour banking system, and thermal passive solar control mechanism for living spaces.



94) Family number: 49899988 (EP2385608A2)

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Title: ELECTROMOTOR FOR FURNITURE WITH AN ENERGY SUPPLY DEVICE**Priority:** DE201020005406U 20100507

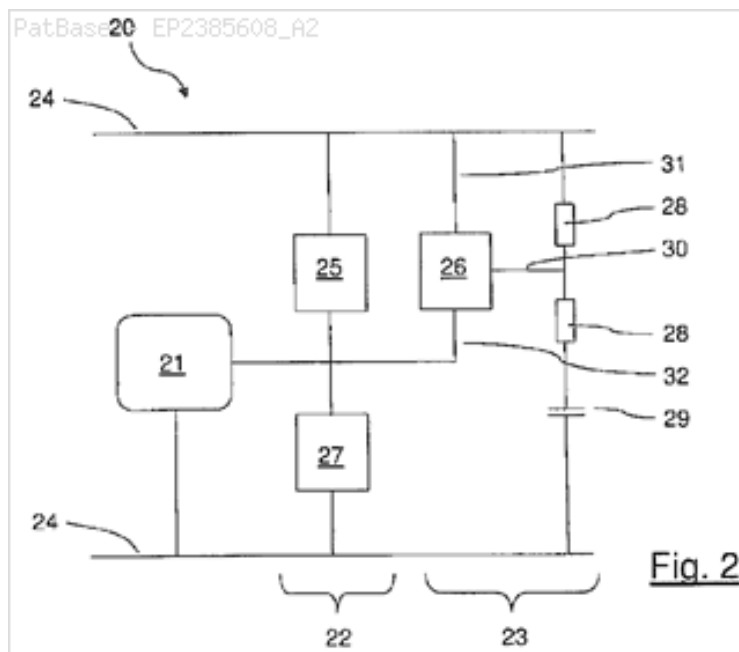
Family:	Publication number	Publication date	Application number	Application date
	<u>DE202010005406 U1</u>	20111201	DE201020005406U	20100507
	<u>EP2385608 A2</u>	20111109	EP20110165168	20110506

Probable Assignee: DEWERT ANTRIEBS SYSTEMTECH**Assignee(s):^(std):** DEWERT ANTRIEBS SYSTEMTECH**Assignee(s):** DEWERT ANTRIEBS U SYSTEMTECHNIK GMBH ; DEWERT ANTRIEBS UND SYSTEMTECHNIK GMBH**Inventor(s):^(std):** HILLE ARMIN**Agent(s):** DANTZ JAN HENNING**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**International class** G05F1/10 H02J7/34 H02M1/36 (Advanced/Invention)
(IPC 8-9):**CPC:** A47C20/041 H02J7/345**European class:** H02J7/34C[Classification Explorer](#)**Cited documents:** US2007086223 AA, DE2009014197,

DE102009014197 A1

Forward Citations: WO16087171, US9041344, FR3029712, DE102012104758,**Abstract:**

The drive i.e. linear drive, has an energy supply device designed according to the type of a switching network part and comprising an intermediate current circuit (20), which is provided with a control component (21) for controlling the switching network part. An energy source (27) is attached to the control component. A voltage controlled auxiliary energy supply (23) is connected parallel to the energy source of the control component, and with a LED. The auxiliary energy supply supplies the control component with electrical energy, during initiation of operating condition. The energy source is designed as a capacitor and battery i.e. rechargeable battery. The voltage controlled auxiliary energy supply is designed as a photovoltaic voltage generation unit, which is provided in form of solar cells and photovoltaic couplers.



95) Family number: 49960835 (US2011286578A)

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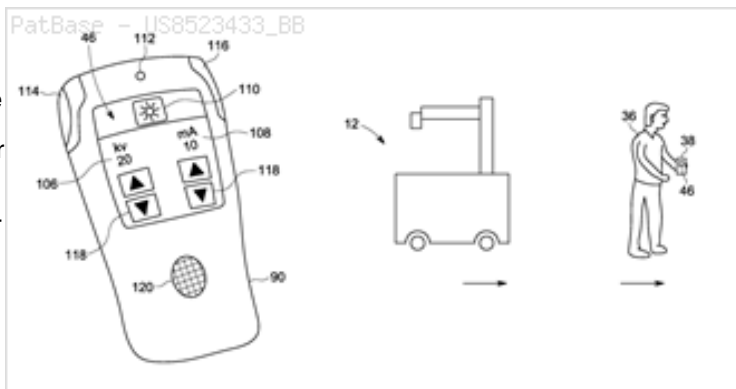
Title: HANDHELD X-RAY SYSTEM INTERFACE DEVICE AND METHOD**Priority:** EP20110166705 20110519 US20100786323 20100524

Family:	Publication number	Publication date	Application number	Application date
	CN102258373 A	20111130	CN201010624838	20101227
	CN102258373 B	20150617	CN201010624838	20101227
	DE602011017623 D1	20150820	DE201160017623T	20110519
	EP2389863 A1	20111130	EP20110166705	20110519
	EP2389863 B1	20150708	EP20110166705	20110519
	JP2011245271 A2	20111208	JP20100283902	20101221
	JP5727779 B2	20150603	JP20100283902	20101221
	US2011286578 AA	20111124	US20100786323	20100524
	US8523433 BB	20130903	US20100786323	20100524

Probable Assignee: GENERAL ELECTRIC CO**Assignee(s):**^(std) BUTZINE JONATHAN MARK ; COOMBS KEVIN ANDREW ; GEN ELECTRIC ; GENERAL ELECTRIC CO ; HANNON JEREMY PATRICK**Assignee(s):** GENERAL ELECTRIC CO SCHENECTADY ; GENERAL ELECTRIC COMPANY**Inventor(s):**^(std) BUTZINE JONATHAN MARK ; COOMBS KEVIN ANDREW ; HANNON JEREMY PATRICK ; HOWES JAMES R**Inventor(s):** HANNON JEREMY PATRICK WAUKESHA ; COOMBS KEVIN ANDREW SKANEATELES ; BUTZINE JONATHAN MARK WAUKESHA**Agent(s):** BEDFORD GRANT RICHARD; FLETCHER YODER PC**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**International class** [A61B6/00 H05G1/02 H05G1/64](#) ^(Advanced/Invention)
(IPC 8-9):**CPC:** [A61B6/4405 A61B6/4411 A61B6/467 A61B6/468 A61B6/469 A61B6/56 A61B6/563 A61B2560/0271](#)**European class:** [A61B6/44B A61B6/44D A61B6/46D A61B6/46D2 A61B6/56 A61B6/56B K61B560/02H2 K61B6/46D4](#)**US class:** [378/115 378/198 378/98.5 378/98.500P](#)[Classification Explorer](#)**Cited documents:** WO201004855, WO10004855 A1, WO06046206 A1, US8159182 BB, US8031837 BB, US7889335 BB, US7502444 BB, US7483516 BB, US7309159 BB, US7283615 BB, US7268517 BB, US7263166 BB, US7023959 BB, US6750463 BA, US6703926 BB, US6252358 BA, US5867561 A, US5675227 A, US5555120 A, US5206894 A, US2010159833 AA, US2010104066 AA, US20100104066, US2009212222 AA, US2009195776 AA, US2008292056 AA, US2008204273 AA, US2008159482 AA, US2008075233 AA, US20080075233, US2007189462 AA, US20070189462, US2006242268 AA, US0189462, US0104066, US0075233, JP2009175104 A2, JP2009175104, JP2005304696 A2, JP2005304696, JP2005013310 A2, FR2884944 A1, EP1000582 A2, CN200950208 Y, CN101431258 A, CN101052351 A,**Forward Citations:** WO15068952, WO13072814, US9629593, US9521986, US9501430, US9101319, US2015078521, US2015015379, US2013279661, US2013039473, US2011288853, JP5897728, JP2014533167, JP2014212880, EP2795920, CN103479371, CN103479371,

Abstract:

Source: US2011286578A In one embodiment, an X-ray system includes a handheld X-ray interface device. The handheld X-ray interface device includes a wireless interface for communicating with an imaging system and for receiving system operational data from the imaging system, wherein the handheld X-ray interface device is configured to provide a user detectable indication of the imaging system operational status based upon the received data.



Title: SELF-REGULATING GREENHOUSE
Priority: US20100360823P 20100701 US20110175666 20110701

Family:	Publication number	Publication date	Application number	Application date
	<u>US2012000121 AA</u>	20120105	US20110175666	20110701
	<u>US8839551 BB</u>	20140923	US20110175666	20110701

Probable Assignee: SWANN JAMES J

Assignee(s):^(std): SWANN JAMES J

Inventor(s):^(std): SWANN JAMES J

Agent(s): KUNZLER LAW GROUP

International class A01G9/00 A01G9/14 F15D1/00 (Advanced/Invention)
 (IPC 8-9):

CPC: A01G9/14 Y10T137/8593

European class: A01G9/14

US class: 137/561.00RS 137/561R 47/17 47/17P

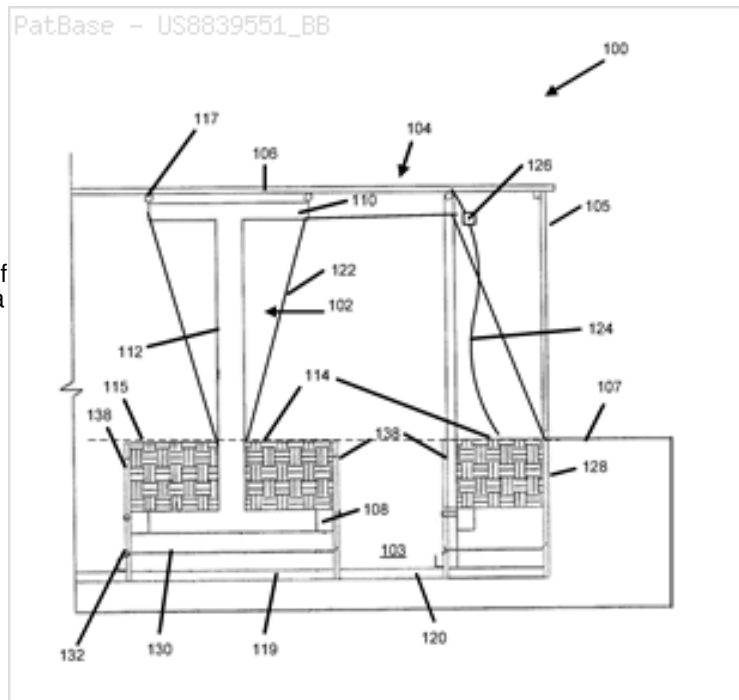
[Classification Explorer](#)

Cited documents: US7501046 BA, US7234270 BB, US7228657 BB, US5524381 A, US5488801 A, US5101593 A, US4713909 A, US4437511 A, US4262656 A, US4069593 A, US4045880 A, US2009133324 AA, US2009076658 AA, US2009013596 AA, US2008078670 AA, US2006149422 AA, US2006016126 AA, US2003188477 AA, JP2008304111 A2, JP2005034043 A2, JP2000069858 A2, GB2219918 A1, GB2119499 A1, FR2510732 A1, EP0121668 A2, DE3824460 A1,

Forward Citations: US8590207, US2016165811, US2014360097,

Abstract:

Source: US2012000121A An apparatus and system are disclosed for a self-regulating greenhouse. The apparatus includes a horizontal air pathway disposed within a growing bed, and a vertical air pathway extending upward from the horizontal air pathway through the growing bed to an air intake apparatus positioned adjacent the roof. The system includes the apparatus and a structure comprising walls and a roof formed of at least a first transparent sheet coupled with a rotatable arm and an adjacent second transparent sheet coupled with an extending arm such that when the extending arm lifts the second transparent sheet an opening is formed in the roof between the first and second transparent sheets to allow a flow of air between an interior of the structure and an exterior of the structure. The system also includes an external surface of formed of a transparent membrane allowing sunlight to enter the structure.



97) Family number: 50452142 (US2012006891A)

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Title: FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING

Priority:

US20110185491	20110718	US20110287279	20111102	US20120620775	20120915
US20120623944	20120921	US20120646706	20121007	US20120343044	20120104
US20130753855	20130130	US20130760214	20130206	US20130875311	20130502
US20120661207	20121026	US20130973146	20130822	US20130776852	20130226
US20140154446	20140114	US20130857308	20130405	US20140165826	20140128
US20140272939	20140508	US20140285659	20140523	US20140334992	20140718
US20140198683	20140306	US20140458791	20140813	US20140509027	20141007
WO20131B58164	20130830	WO20131B58157	20130830	WO20131B58161	20130830
WO20131B58170	20130830	WO20131B58171	20130830	WO20141B58616	20140128

Family:

Publication number	Publication date	Application number	Application date
CN104781841 A	20150715	CN201380059362	20130830
CN104995545 A	20151021	CN201480006541	20140128
EP2896001 A1	20150722	EP20130836625	20130830
EP2896011 A1	20150722	EP20130837987	20130830
EP2898464 A1	20150729	EP20130839951	20130830
EP2904557 A1	20150812	EP20130843202	20130830
EP2912620 A1	20150902	EP20130848673	20130830
IN03115DN2015 A	20151002	IN2015DN03115	20150414
IN03127DN2015 A	20151002	IN2015DN03127	20150414
IN03128DN2015 A	20151002	IN2015DN03128	20150414
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IN03697DN2015 A	20151120	IN2015DN03697	20150430
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US2013018715 AA	20130117	US20120623944	20120921
US2013018782 AA	20130117	US20120620775	20120915
US2013026232 AA	20130131	US20120646706	20121007
US2013043305 AA	20130221	US20120661207	20121026
US2013141313 AA	20130606	US20130753855	20130130
US2013146659 AA	20130613	US20130760214	20130206
US2013240622 AA	20130919	US20130875311	20130502
US2013346168 AA	20131226	US20130973146	20130822
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US2014143037 AA	20140522	US20140165826	20140128
US2014239065 AA	20140828	US20140272939	20140508
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US2014330656 AA	20141106	US20140334992	20140718
US2014349692 AA	20141127	US20140458791	20140813
US2015026072 AA	20150122	US20140509027	20141007
US8851372 BB	20141007	US20140272939	20140508
US9016565 BB	20150428	US20130760214	20130206
US9047600 BB	20150602	US20140334992	20140718
US9098190 BB	20150804	US20140458791	20140813
US9153074 BB	20151006	US20130973146	20130822
US9367841 BB	20160614	US20110185491	20110718
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Agent(s): TEALL CHARLOTTE; PATENT JURIST; GEORGIY L

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): A61B5/00 A61B5/02 A61B5/08 B25J9/00 B25J9/16 B64C19/00 B64C27/10 B64C27/20 B64D1/08 B64D17/00 G01C21/00 G02B27/01 G06F1/16 G06F15/16 G06F3/01 G06F3/041 G06F3/042 G06F3/0482 G06F3/0484 G06F3/0488 G06K19/06 G06K5/00 G06K7/00 G06K7/08 G06K7/10 G06K9/00 G06K9/20 G06Q20/00 G06Q20/10 G06Q20/16 G06Q20/20 G06Q20/32 G06Q20/34 G06Q20/38 G06Q20/40 G06Q30/02 G06Q30/06 G06Q40/00 G06Q40/02 G06T19/00 G07F17/42 G07F7/02 G07F7/08 G07F7/10 G07F7/12 G07G5/00 G08B21/06 H04B1/38 H04B7/00 H04L12/14 H04M1/725 (Advanced/Invention); H04M1/2755 (Advanced/Non-invention)

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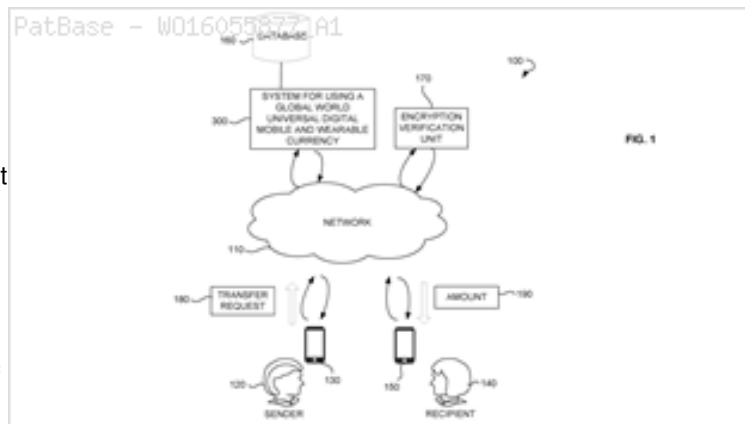
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Abstract:

Source: US2012006891A Provided are computer implemented methods and systems for facilitating mobile device payments using barcodes displayed on mobile devices and scanned by merchants at checkout counters. When a customer is ready to tender a payment to a merchant, instead of using a credit card, cash, or check, the customer activates an application on his mobile device. The mobile device includes or obtains information about the payment system of this merchant. Furthermore, the mobile device includes or obtains information about the customer/mobile device user and then uses these two pieces of information to generate and display a barcode that encodes customer payment information specific to this merchant. The barcode is scanned at the checkout counter and processed to retrieve customer records from a database of the payment processing system. These records are then used to transfer funds between the merchant and customer, obtain discounts, and/or perform other retail transactions.

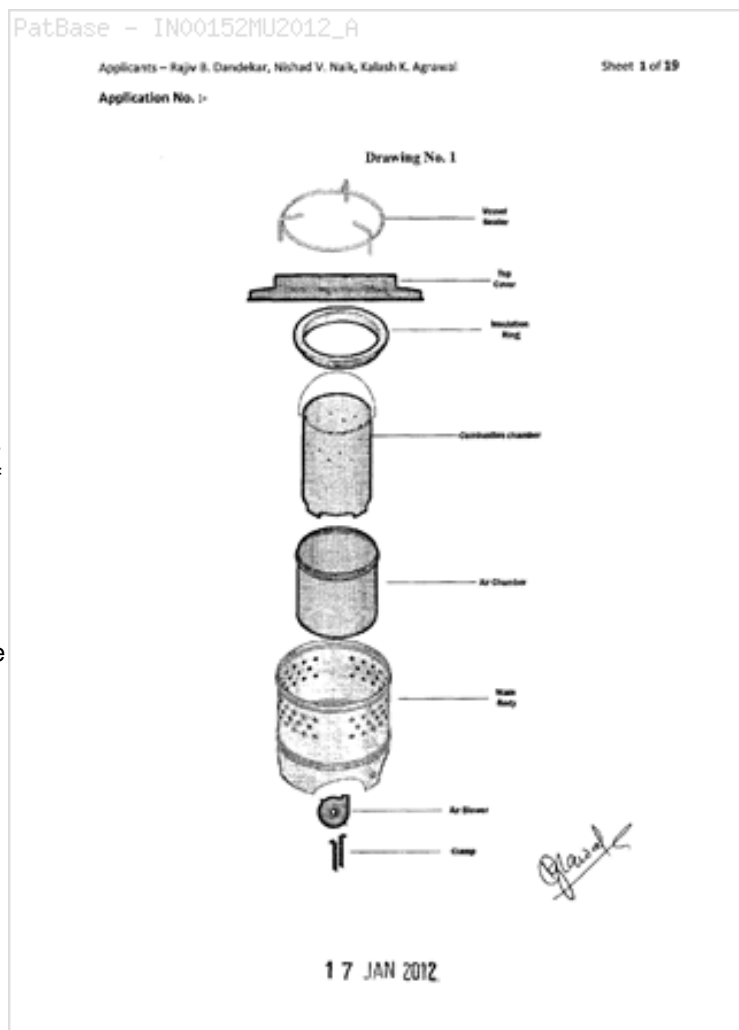


Title: MODULAR INTEGRATED SOLID BIOMASS STOVE**Family:**

Publication number	Publication date	Application number	Application date
IN00152MU2012 A	20120316	IN2012MU00152	20120117

Probable Assignee: KALASH K AGRAWAL**Assignee(s):** KALASH K AGRAWAL ; NISHAD V NAIK ; RAJIV B DANDEKAR ; RAJIV B DANDEKAR
NISHAD V NAIK KALASH K AGRAWAL**Inventor(s):** KALASH K AGRAWAL ; NISHAD V NAIK ; RAJIV B DANDEKAR**International class** F24B1/00 (Advanced/Invention)
(IPC 8-9)[Classification Explorer](#)**Abstract:**

Source: IN00152MU2012A This invention relates to a Solid Biomass Stove apparatus, particularly for; increasing fuel efficiency, reducing emissions, increasing thermal efficiency, further enabling to elongate the burning cycle during the combustion process, and immensely easing the present process of ash removal. The above parameters are achieved through various improvements/ additions/ and inventions in various aspects/ anatomical parts of a Solid Biomass Stove, for instance – The combustion chamber, the entire built and body design, the auto selector charging circuit etc. The spirit of invention is to inject the air from the base of combustion chamber including injection from center of base fuel plate and the provision of entry of air from two series of air vents at the upper half of combustion chamber to burn the producer gas completely. Equidistant and equal size air vents are kept for even burning of the combustion. The distance between the main body, air chamber and combustion chamber is kept equal and all these components are co-axial to each other Any modification can be done in the stove keeping this spirit of invention; will overlap the scope of invention.



99) Family number: 50960870 (US2013265139A)

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Title: METHODS FOR ENHANCING THE ACCURACY OF ENVIRONMENT MEASUREMENTS USING A REMOTE-ACCESS APPARATUS**Priority:** WO2010FI50836 20101022 WO2011FI50014 20110112 WO2011FI50020 20110112
WO2011FI50015 20110112 WO2011FI50017 20110112 WO2011FI50398 20110502
WO2011FI50412 20110504**Family:**

Publication number	Publication date	Application number	Application date
EP2630457 A1	20130828	EP20110833908	20110112
EP2630614 A1	20130828	EP20100858574	20101022
EP2630614 A4	20140618	EP20100858574	20101022
EP2630619 A1	20130828	EP20110833906	20110112
EP2630619 A4	20170426	EP20110833906	20110112
EP2630733 A1	20130828	EP20110833911	20110504
EP2630733 A4	20170510	EP20110833911	20110504
EP2663845 A1	20131120	EP20110855610	20110502
US2013265139 AA	20131010	US20110880918	20110504
US2013285795 AA	20131031	US20100880683	20101022
US9202093 BB	20151201	US20110880918	20110504
WO12052599 A1	20120426	WO2010FI50836	20101022
WO12052602 A1	20120426	WO2011FI50014	20110112
WO12052603 A1	20120426	WO2011FI50015	20110112
WO12052604 A1	20120426	WO2011FI50017	20110112
WO12052605 A1	20120426	WO2011FI50018	20110112
WO12052606 A1	20120426	WO2011FI50020	20110112
WO12052607 A1	20120426	WO2011FI50412	20110504
WO12095550 A1	20120719	WO2011FI50398	20110502

Probable Assignee: UPM RFID OY**Assignee(s):^(std):** AALTO HARRI ; HUUSKO MIKA ; JAAKKOLA KAARLE ; KOSKELAINEN TUOMAS ; MANNINEN ANTTI ; NIKKANEN MIKKO ; STROMBERG SAMULI ; STROEMBERG SAMULI ; NUMMILA KAJ ; SEPPAE HEIKKI ; SMARTRAC IP BV ; NUMMILA KAJ ; UPM RFID OY ; VIRTANEN JUHANI ; VATTULAINEN JUHA**Inventor(s):^(std):** AALTO HARRI ; KOSKELAINEN TUOMAS ; MANNINEN ANTTI ; NIKKANEN MIKKO ; NUMMILA KAJ ; STROMBERG SAMULI ; VATTULAINEN JUHA ; VIRTANEN JUHANI ; STROEMBERG SAMULI ; SEPPAE HEIKKI ; NUMMILA KAJ ; JAAKKOLA KAARLE ; HUUSKO MIKA**Agent(s):** TAMPEREEN PATENTTITOIMISTO OY; VENABLE LLP; ERIC J**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): G01D1/04 G01D1/18 G01D18/00 G01K1/02 G01K15/00 G01K3/04 G01K7/00 G01K7/32 G01S13/75 G05B19/00 G06F12/14 G06F21/35 G06F21/83 G06F21/84 G06K19/07 G06K19/077 G06K7/00 G06K7/10 G06Q10/00 G08B1/00 G08B1/08 G08B13/14 G08B23/00 G08C17/02 H04B1/59 H04Q5/22 (Advanced/Invention); G01D1/16 G01K1/02 G01K3/02 G01K7/32 G06F12/14 G06K19/07 G06K7/10 (Advanced/Non-invention)**CPC:** G01K3/06 E04B1/70 Y10T29/49018 G01K1/024 G01K7/32 G06K19/0716 G06K19/0717 G06K7/10366 G06K7/0008 G06F21/35 G06F21/83 G06F21/84 G06F2221/2103 G06F2221/2141 G06F2221/2153 H04W4/008

European class: G01K1/02C G01K3/06 G01K7/32 P04B1/70

US class: 1/1 29/601 340/10.1

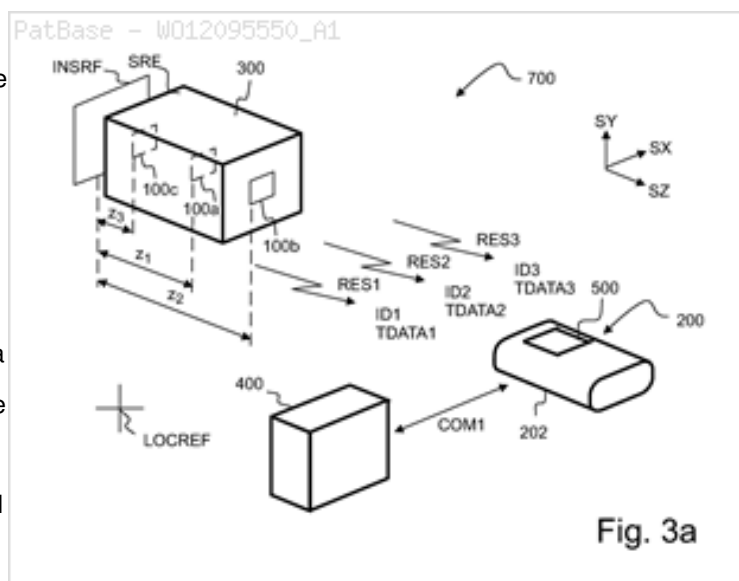
[Classification Explorer](#)

Cited documents: WO11055014 A1, WO09138893 A1, WO08035151 A2, WO04047000 A2, WO04042668 A1, WO03098175 A1, WO03091945 A1, WO0191080 A1, WO0050849 A1, US7859387 BB, US7551058 BA, US7474230 BB, US7080593 BA, US660229 A, US6392562 BA, US5659302 A, US5597534 A, US2010302037 AA, US2010188197 AA, US2010134257 AA, US2010097194 AA, US2010060449 AA, US2009289768 AA, US2009278685 AA, US2009204250 AA, US2009044003 AA, US2008129447 AA, US2008011822 AA, US2007222590 AA, US2007132588 AA, US2007069875 AA, US2007001862 AA, US2006261946 AA, US2006202821 AA, US2006181414 AA, US2006106561 AA, US2006091999 AA, US2006006987 AA, US2005276307 AA, US2005252979 AA, US2005248455 AA, US2005055237 AA, US2004153270 AA, US2004149736 AA, US2004036626 AA, US2003107483 AA, US2001004236 AA, JP2010079559 A2, JP2007111137 A2, JP2004144683 A2, GB2464734 A1, GB2308947 A1, FI2011050020, EP1909218 A1, EP1347409 A2,

Forward Citations: WO16210053, WO16140613, WO16034773, WO16034772, WO16005663, WO14169149, US9100842, US8935934, US8881540, US2015241120, US2014286491, US2014184412, US2013241745, US2013210369, US2013162401, CN102735370, AT515273,

Abstract:

Source: US2013265139A A method for determining a value of an environment variable using raw data from an energetically essentially passive remote-access apparatus. A value of a first measurable quantity indicative of the environment variable is obtained from the raw data. The value of the environment variable is determined using calibration data and the value of the first measurable quantity. The accuracy is enhanced by measuring the value of the measurable quantity with a measuring signal of which strength is regulated or by obtaining a value of a second measurable quantity. The second measurable quantity is indicative of the environment variable or measurement conditions of the first measurable quantity. A method for forming calibration data for the measurements. RFID reader devices arranged to carry out the methods and energetically essentially passive remote-access apparatuses for the methods. A database that may be used with the method and a computer product including the database.



100) Family number: 51096597 (FR2967174A)

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Title: ELONGATED PARALLELEPIPED KERB FOR USE IN ROAD PAVEMENT TO AVOID ROAD ACCIDENTS DURING NIGHT TIME, HAS PHOTOVOLTAIC GENERATOR COUPLED TO BATTERY, CONTROL ELECTRONICS, HIGH-YIELD LED LAMPS AND DIRECTIONAL LENS

Priority: FR20100059231 20101109

Family:	Publication number	Publication date	Application number	Application date
	FR2967174 A1	20120511	FR20100059231	20101109

Probable Assignee: RED TOWN CO

Assignee(s):^(std) RED TOWN CO ; RED TOWN COMPANY

Inventor(s):^(std) VILLEROUGE LAURENT

Inventor(s): LAURENT VILLEROUGE

Agent(s): CABINET SCHMIT CHRETIEN

International class E01F9/053 F21S9/03 F21W111/027 H01L31/042 (Advanced/Invention);
(IPC 8-9): F21W111/027 (Advanced/Non-invention)

CPC: E01F9/547

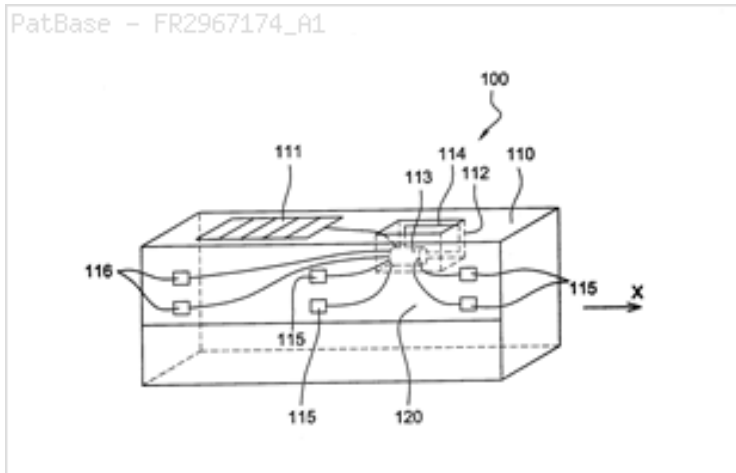
European class: E01F9/053D

[Classification Explorer](#)

Cited documents: WO0229161 A1, US2008272278 AA, KR20090020447 A, FR2453990 A1, EP1411171 A2, DE714770 A,

Abstract:

The kerb (100) has a photovoltaic generator (111) connected to a battery (113), a control electronics (114), high-yield LED lamps (115, 116) and a directional lens so as to return essence of light emitted by the lamp in a tangent direction to the kerb of a road pavement, where the kerb includes an autonomous directional lighting device. A recovering unit is used for recovering a part of impact energy generated by a support of a heavy mobile in displacement on part of a surface of the kerb. A cavity (112) and a point assembly are arranged on a side face (120) of the kerb. The kerb is made of concrete material, marble and granite.



101) Family number: 48300412 (US2013320274A)

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Title: PARTICULATE MATERIALS, COMPOSITES COMPRISING THEM, PREPARATION AND USES THEREOF

Priority: AU20110340316 20111208 AU20150238859 20151008 GB20100020836 20101208
GB20110017129 20111003 CN201180067150 20111208 EP20110810859 20111208
WO2011GB01707 20111208

Family:

Publication number	Publication date	Application number	Application date
<u>AU2011340316 AA</u>	20120614	AU20110340316	20111208
<u>AU2011340316 BB</u>	20150709	AU20110340316	20111208
<u>AU2015238859 AA</u>	20151029	AU20150238859	20151008
<u>AU2015238859 AB</u>	20151126	AU20150238859	20151008
<u>AU2015238859 BB</u>	20170504	AU20150238859	20151008
<u>BR112013014376 A2</u>	20160927	BR20131114376	20111208
<u>CA2819999 AA</u>	20130604	CA20112819999	20111208
<u>CN103476878 A</u>	20131225	CN201180067150	20111208
<u>CN103476878 B</u>	20150916	CN201180067150	20111208
<u>CN105148818 A</u>	20151216	CN201510509686	20111208
<u>DE602011021258 D1</u>	20151217	DE201160021258T	20111208
<u>DK2649136 T3</u>	20160208	DK20110810859T	20111208
<u>EP2649136 A1</u>	20131016	EP20110810859	20111208
<u>EP2649136 B1</u>	20151104	EP20110810859	20111208
<u>EP3000849 A1</u>	20160330	EP20150191861	20111208
<u>ES2560466 T3</u>	20160219	ES20110810859T	20111208
GB201020836 A0	20110119	GB20100020836	20101208
GB201117129 A0	20111116	GB20110017129	20111003
GB201210623 A0	20120801	GB20120010623	20120614
<u>IN01312MN2013 A</u>	20140801	IN2013MN01312	20130705
<u>JP2014504316 T2</u>	20140220	JP20130542602T	20111208
<u>US2013320274 AA</u>	20131205	US20110992201	20111208
<u>WO12076853 A1</u>	20120614	WO2011GB01707	20111208

Probable Assignee: HAYDALE GRAPHENE IND PLC

Assignee(s):^(std): HAYDALE GRAPHENE IND PLC ; INNOVATIVE CARBON LTD ; WALTERS IAN ; WILLIAMS MARTIN ; INNOVATION CARBON LTD BDO LLP

Assignee(s): INNOVATIVE CARBON LIMITED ; HAYDALE GRAPHENE IND LTDCLOS FFERWS PARC HENDRECAPEL HENDREARMARTHENSHIRESA 18 3BLAMMANFORDGB ; INNOVATIVE CARBON LTDARCADIA HOUSEMARITIME WALKOCEAN VILLAGES014 3TL SOUTHAMPTONGB ; HAYDALE GRAPHENE IND PLC AMMANFORD ; HAYDALE GRAPHENE IND PLCCLOS FFERWS PARC HENDRECAPEL HENDREARMARTHENSHIRESA18 3BLAMMANFORDGB ; INNOVATION CARBON LIMITED BDO LLP

Inventor(s):^(std): WALTERS IAN ; WILLIAMS MARTIN

Inventor(s): WILLIAMS MARTINGB ; WALTERS IANGB ; IAN WALTERS ; MARTIN WILLIAMS

Agent(s): GRIFFITH HACK; BERESKIN AND PARR LLP SENCRL SRL; LEINWEBER AND ZIMMERMANN; STONER GERARD PATRICK; VALLEJO JUAN PEDRO; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; ONO SHINJIRO; KOBAYASHI YASUSHI; STONER GERARD PATRICK ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE

NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM
SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): B01J19/08 B82Y30/00 B82Y40/00 C01B31/02 C01B31/04 C09C1/00 C09C1/44 C09C1/56 C09C3/04 H01J19/02 H01J9/02 H05H1/24 (Advanced/Invention)

CPC: C01B31/0273 B01J19/088 B01J2219/0809 B01J2219/0818 B01J2219/083 B01J2219/0841 B01J2219/0847 B01J2219/0869 B01J2219/0886 B82Y30/00 C01P2002/84 C01P2004/03 C01P2004/62 C01P2004/64 C01P2006/60 H05H1/2406 H05H2001/2431 C01B31/0253 C01B31/0423 C09C1/44 B82Y40/00 Y10T428/2982

European class: B01J19/08D2 B82Y30/00 C09C1/44 H05H1/24A L01J219/08D2B2 L01J219/08D2B4B L01J219/08D2B6B4 L01J219/08D2B8D L01J219/08D2D2 L01J219/08F L01J219/08M8F M01P2/84 M01P4/03 M01P4/62 M01P4/64 M01P6/60 T05H1/24A4

US class: 134/1.1 252/511 423/447.1 423/448 423/460 428/402

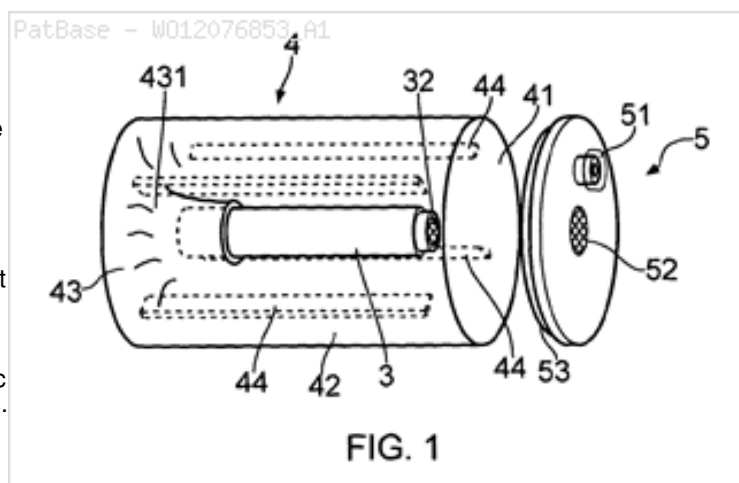
[Classification Explorer](#)

Cited documents: WO10142953 A1, WO09156275 A1, WO09106507 A2, WO09014193 A1, WO04099490 A1, US2012145041 AA, US2010180820 AA, US2008206124 AA, US2002054995 AA, JP7194968 A2, JP63107743 A2, JP6000365 A2, JP57177342 A2, JP2009022895 A2, JP2003300716 A2, JP2003300715 A2, JP10015380 A2, CN2780327 Y, CN101687171 A,

Forward Citations: WO16102689, WO16012367, WO15150830, WO15145172, WO15145171, WO15071658, WO14023977, US9453532, US2015284534, US2015135993, US2014348450, US2013134157, GB2521751, CN103687269,

Abstract:

Source: US2013320274A Methods of processing particulate carbon material, such as graphic particles or agglomerates of carbon nanoparticles such as CNTs are provided. The starting material is agitated in a treatment vessel in the presence of low-pressure (glow) plasma generated between electrodes. The material is agitated in the presence of conductive contact bodies such as metal balls, on the surface of which plasma glow is present and amongst which the material to be treated moves. The methods effectively deagglomerate nanoparticles, and exfoliate graphitic material to produce very thin graphitic sheets showing graphene-type characteristics. The resulting nanomaterials used by dispersal in composite materials, e.g. conductive polymeric composites for electric or electronic articles and devices. The particle surfaces can be functionalized by choosing appropriate gas in which to form the plasma.



0) US2012152877A – ROBOT FOR SOLAR FARMS

102) Family number: 51318798 (US2012152877A)

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Title: ROBOT FOR SOLAR FARMS

Priority: US20100969588 20101216 US20150685648 20150414 US20160256524 20160903

Family:	Publication number	Publication date	Application number	Application date
	US2012152877 AA	20120621	US20100969588	20101216
	US2015217443 AA	20150806	US20150685648	20150414
	US2016368135 AA	20161222	US20160256524	20160903
	US9020636 BB	20150428	US20100969588	20101216
	US9457463 BB	20161004	US20150685648	20150414

Probable Assignee: BTPATENT LLC

Assignee(s):^(std): BTPATENT LLC ; TADAYON SAIED

Inventor(s):^(std): TADAYON SAIED

Agent(s): SAIED; BIJAN

International class
(IPC 8-9): [B25J11/00 B25J5/00 B25J5/02 B66C1/10 F24J2/38 F24J2/46 F24J2/52](#) (Advanced/Invention);
[F24J2/38 F24J2/46 F24J2/52](#) (Advanced/Non-invention)

CPC: [B25J5/02 B25J5/00 B25J5/005 B25J11/0085 F24J2002/385 F24J2002/5281 F24J2200/04 Y10S901/01 Y10S901/46 Y10S901/41 F24J2/38 F24J2/461 F24J2/523 F24J2/5264 Y02E10/47 F24J2/4607](#)

European class: [B66F9/06D](#)

US class: [1/1 126/714 212/224 700/247 700/248 700/253 700/258 901/1 901/30 901/30S 901/41 901/46 901/46S 901/47 901/47S](#)

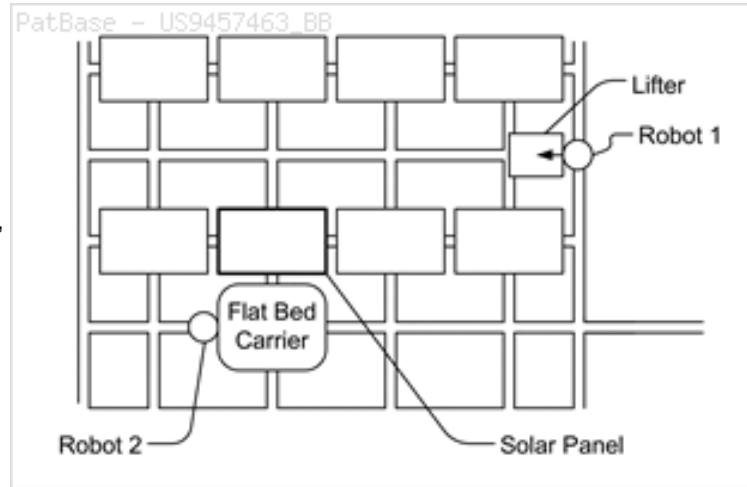
[Classification Explorer](#)

Cited documents: WO10026673 A1, US9193068 BB, US8657991 BB, US8437875 BB, US8240320 BB, US8046101 BB, US7834303 BB, US5242827 A, US4908903 A, US4324947 A, US4321419 A, US4275711 A, US2014174315 AA, US2012036676 A9, US2011137458 AA, US2011043515 AA, US2010212654 AA, US2010206294 AA, US2010043851 AA, US2010000570 AA, US2009288691 AA, US2009288679 AA, US2009266353 AA, US2009241994 AA, US2009223510 AA, US2009166102 AA, US2008264411 AA, US2005103409 AA, US2003034062 AA,

Forward Citations: WO17009823, WO16001916, WO15110121, WO14081497, US9636825, US9592609, US9584064, US9561594, US9539725, US9532508, US9506783, US9494341, US9422108, US9382003, US9279445, US9233470, US9222523, US9201987, US9126341, US8881720, US8756739, US2016304278, US2016136809, US2015375398, US2015307276, US2015296952, US2015195234, US2015127160, US2015001186, US2014350725, US2014319439, US2014303814, US2014100698, US2014041321, US2013240004, US2013153792, US2013019925, US2012012101, US2011076104, EP3067139, EP3019761, EP3019761,

Abstract:

Source: US2012152877A The solar energy and solar farms are used to generate energy and reduce dependence on oil (or for environmental purposes). The maintenance and repairs in big farms become very difficult, expensive, and inefficient, using human technicians. Thus, here, we teach using the robots with various functions and components, in various settings, for various purposes, to improve operations in big (or hard-to-access) farms, to automate, save money, reduce human mistakes, increase efficiency, or scale the solutions to very large scales or areas.



103) Family number: 51892738 (WO12118455A2)

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Title: UNIVERSAL DEVICE FOR ENERGY CONTROL IN THE FORM OF A BUTTON**Priority:** SI20110000075 20110303 WO2012SI00010 20120302

Family:	Publication number	Publication date	Application number	Application date
	<u>EP2681491 A2</u>	20140108	EP20120725552	20120302
	<u>SI23686 C</u>	20120928	SI20110000075	20110303
	<u>WO12118455 A2</u>	20120907	WO2012SI00010	20120302
	<u>WO12118455 A3</u>	20121026	WO2012SI00010	20120302

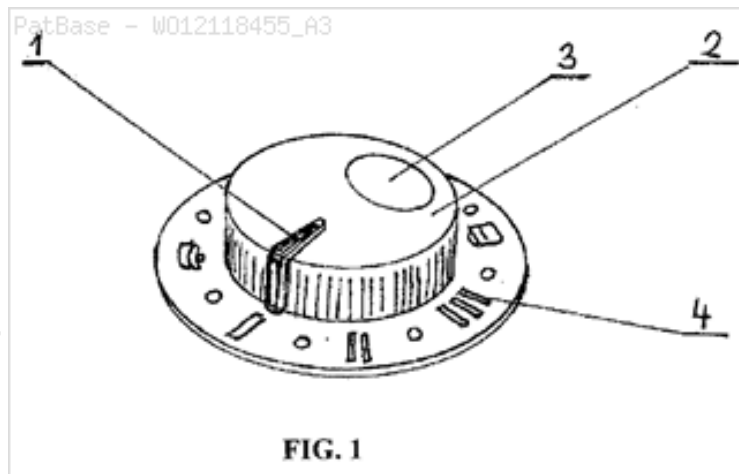
Probable Assignee: SMRKE ALBIN**Assignee(s):^(std):** SMRKE ALBIN**Inventor(s):^(std):** SMRKE ALBIN**Agent(s):** PIPAN MARJAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class A47J27/62 F24C15/10 F24C7/08 G05D23/00 (Advanced/Invention);
 (IPC 8-9): F24C7/00 G05D23/00 (Core/Invention)

CPC: F24C7/083 F24C15/105**European class:** F24C15/10C3 F24C7/08B1[Classification Explorer](#)**Cited documents:** WO10084061 A2, US3828164 A, EP1349281 A2,**Forward Citations:** WO14075886, WO14075886, DE102013208640,**Abstract:**

The invention refers to the device for energy control in the form of a button, preferably for the use with cooking and heating. The device for energy control in the form of a button while cooking or heating, effectively reduces energy consumption, so that is automatically controls the level of energy input on the basis of measured parameters with the help of control logic. The shape of the button is the most useful for the user. Operation of the device is complex, but user friendly. Wireless operation of the elements of the button enables protocol, which connects the buttons into a complete operating network. The button consists of control, interaction, power, sensor and fixing part, which are optionally combined.?



104) Family number: 52370069 (WO12154020A2)

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Title: INSECT CONTROL SYSTEM**Priority:** MX20110000184U 20110506**Family:**

Publication number	Publication date	Application number	Application date
WO12154020 A2	20121115	WO2012MX00046	20120503
WO12154020 A3	20130328	WO2012MX00046	20120503

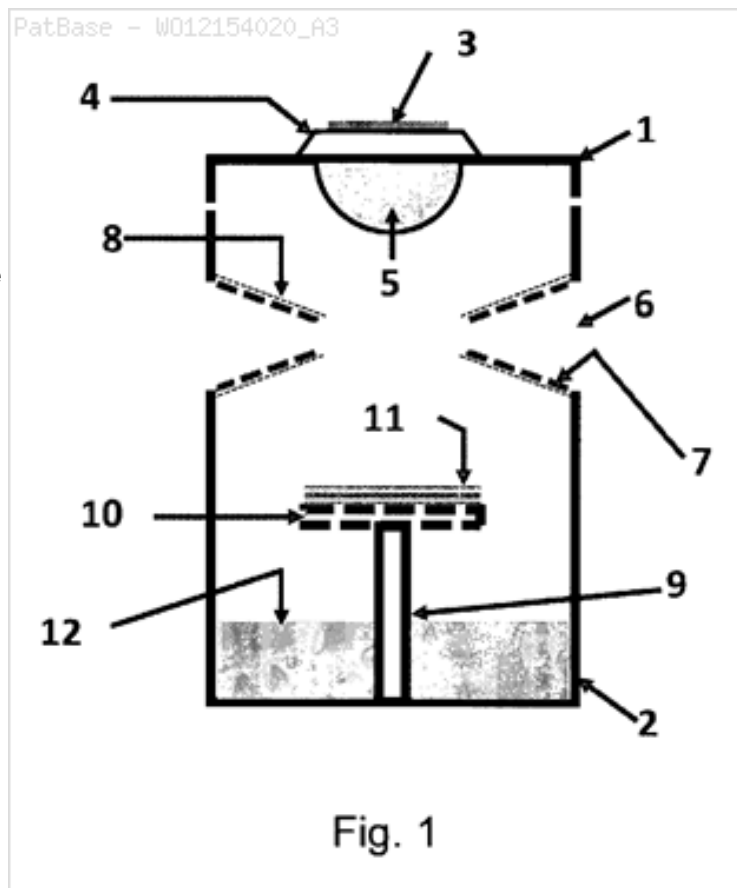
Probable Assignee: COSTILLA ZARATE SONIA LETICIA**Assignee(s):**^(std) COSTILLA ZARATE SONIA LETICIA ; GALINDO CANSINO MIGUEL ANGEL**Inventor(s):**^(std) COSTILLA ZARATE SONIA LETICIA ; GALINDO CANSINO MIGUEL ANGEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [A01M1/00](#) [A01M1/04](#) (Advanced/Invention)
(IPC 8-9):

CPC: [A01M1/04](#) [A01M1/106](#) [A01M1/2044](#) [A01M1/223](#)[Classification Explorer](#)**Cited documents:** US4794724 A, US2011099885 AA, CN202014528, CN101720747,**Abstract:**

The invention is based on the creation of a controlled, closed, artificial ecological niche that includes all means used to attract insects, facilitating the capture thereof, and a structure that facilitates the entry of insects into the system, but hinders escape therefrom, the interior being equipped with attraction elements for capturing living insects and any annihilation element for exterminating same. The insect control system is hygienic since the structure prevents contamination of the environment owing to the fact that it is not possible for dead insects, fragments of dead insects or the attraction and annihilation products used in the system to escape.

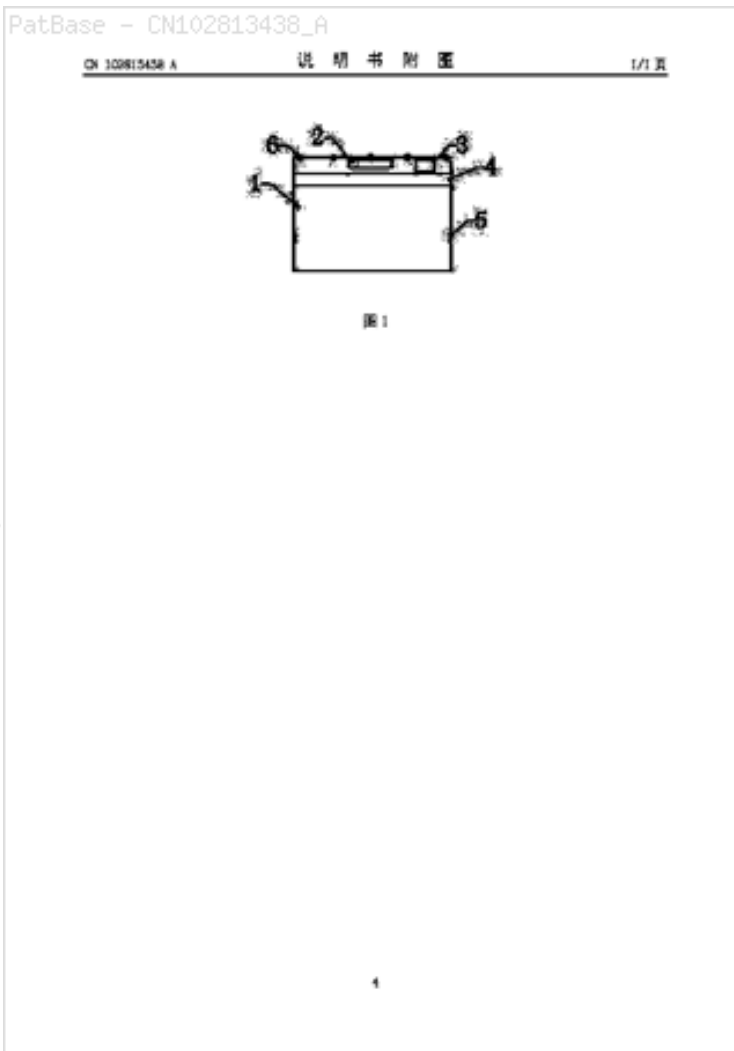


Title: ENERGY–SAVING LIGHT–EMITTING CURTAIN**Priority:** CN201210324978 20120905

Family:	Publication number	Publication date	Application number	Application date
	<u>CN102813438 A</u>	20121212	CN201210324978	20120905

Probable Assignee: BAI SUHAO**Assignee(s):^(std):** BAI SUHAO**Inventor(s):^(std):** BAI SUHAO**International class** A47H23/00 (Advanced/Invention)
(IPC 8–9):[Classification Explorer](#)**Forward Citations:** CN104840081,**Abstract:**

Source: CN102813438A The invention discloses a curtain, and particularly discloses an energy–saving light–emitting curtain. The energy–saving light–emitting curtain is characterized in that the top end of the curtain is provided with hooks, a solar panel is assembled at the upper end of the curtain, the right side of the solar panel is provided with a storage battery, the solar panel is connected with the storage battery, the lower side of the storage battery is provided with a light–emitting diode (LED) lamp, the storage battery is connected with the LED lamp, the two sides of the lower end of the curtain are respectively provided with a switch, and the switches are connected with the LED lamp. The energy–saving light–emitting curtain has the beneficial effects of being convenient to use, saving energy, solving the problem that the light is glare when a user gets out of bed to turn on the light at night, and bringing convenience to the lives of users.



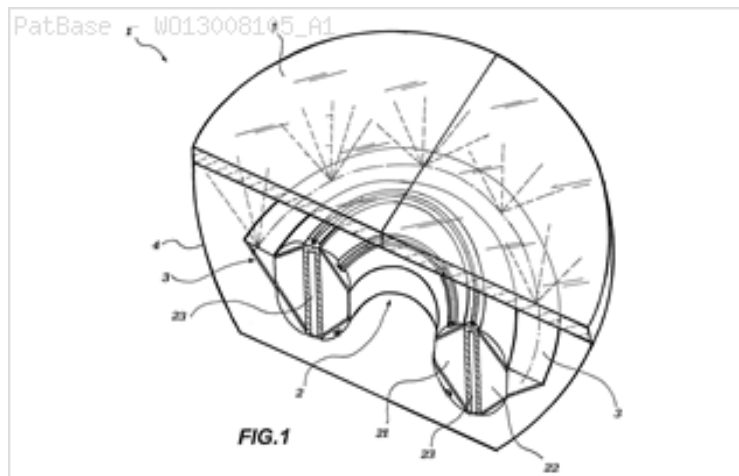
Title: PHOTOVOLTAIC DEVICE**Priority:** EP20120726183 20120418 IT2011RM00361 20110711 WO2012IB51934 20120418**Family:**

Publication number	Publication date	Application number	Application date
AU2012282149 AA	20130117	AU20120282149	20120418
AU2012282149 BB	20150205	AU20120282149	20120418
BR112013033470 A2	20170124	BR20131133470	20120418
CN103597611 A	20140219	CN201280025388	20120418
DE602012006033 D1	20150430	DE201260006033T	20120418
EP2695204 A1	20140212	EP20120726183	20120418
EP2695204 B1	20150318	EP20120726183	20120418
ES2535648 T3	20150513	ES20120726183T	20120418
IL229332 A0	20140130	IL20120229332	20120418
IN03332KN2013 A	20140207	IN2013KN03332	20131111
ITRM20110361 A1	20130112	IT2011RM00361	20110711
JP2014523137 T2	20140908	JP20140519647T	20120418
RU2013152797 A	20150820	RU20130152797	20120418
RU2587530 C2	20160620	RU20130152797	20120418
US2014345672 AA	20141127	US20120117584	20120418
WO13008105 A1	20130117	WO2012IB51934	20120418
ZA201309509 A	20140827	ZA20130009509	20131217

Probable Assignee: REPETTO MATTEO**Assignee(s):^(std):** REPETTO MATTEO**Assignee(s):** MATTEO REPETTO**Inventor(s):^(std):** REPETTO MATTEO**Inventor(s):** MATTEO REPETTO**Agent(s):** SPRUSON AND FERGUSON; SIB BREVETTI SOC IT SPA; ROMANO GIUSEPPE; ISERN JORGE; ROMANO GIUSEPPE ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): [H01L H01L31/0232 H01L31/0352 H01L31/042 H01L31/048 H01L31/052 H01L31/054 H01L31/055](#) (Advanced/Invention);
[H01L](#) (Subclass/Invention)**CPC:** [Y02E10/52 H01L31/02322 H01L31/055 H01L31/056 H02S20/00 H01L31/0543 H01L31/0547 H02S20/30 H01L31/048](#)**US class:** [136/246 136/247 136/257](#)[Classification Explorer](#)**Cited documents:** WO10084212 A1, WO09156312 A1, US7906722 BB, US2012020084 AA, US2011162711 AA, US2010180932 AA, US2009223555 AA, US2009095341 AA, US2007256726 AA, US2007256725 AA, US2007256724 AA, US2007227579 AA, US2004095658 AA, JP6232439 A2, JP59176690 A2, JP51024888 A2, JP2011091450 A2, JP2010537417 T2, JP2008004661 A2, JP2004214491 A2, CN101454904 A, CN101443431 A, CN101093864 A,

Abstract:

Source: US2014345672A A photovoltaic device using luminescent solar concentrators for converting solar energy into electric energy is described. More generally, a photovoltaic panel has a plurality of photovoltaic devices arranged on its surface.



107) Family number: 53030536 (US2014248802A)

© PatBase

Title: SMART TAP

Priority: EP20120822663 20120808 JP20110173359 20110808 WO2012JP70240 20120808
 JP20130528052 20120808 JP20150157867 20150810 JP20130528052T 20120808

Family:

Publication number	Publication date	Application number	Application date
<u>CN103733475 A</u>	20140416	CN201280038923	20120808
<u>DE602012023855 D1</u>	20161117	DE201260023855T	20120808
<u>EP2744070 A1</u>	20140618	EP20120822663	20120808
<u>EP2744070 A4</u>	20150415	EP20120822663	20120808
<u>EP2744070 B1</u>	20161005	EP20120822663	20120808
<u>EP2991192 A1</u>	20160302	EP20150188568	20120808
<u>JP2013022035 A1</u>	20150305	JP20130528052T	20120808
<u>JP2016028545 A2</u>	20160225	JP20150157867	20150810
<u>JP5810164 B1</u>	20151111	JP20130528052T	20120808
<u>KR20140032494 A</u>	20140314	KR20147003152	20120808
<u>KR20160009100 A</u>	20160125	KR20167000081	20120808
<u>TW201320525 A</u>	20130516	TW20120128712	20120808
<u>TWI467879 B</u>	20150101	TW20120128712	20120808
<u>US2014248802 AA</u>	20140904	US20120237268	20120808
<u>WO13022035 A1</u>	20130214	WO2012JP70240	20120808

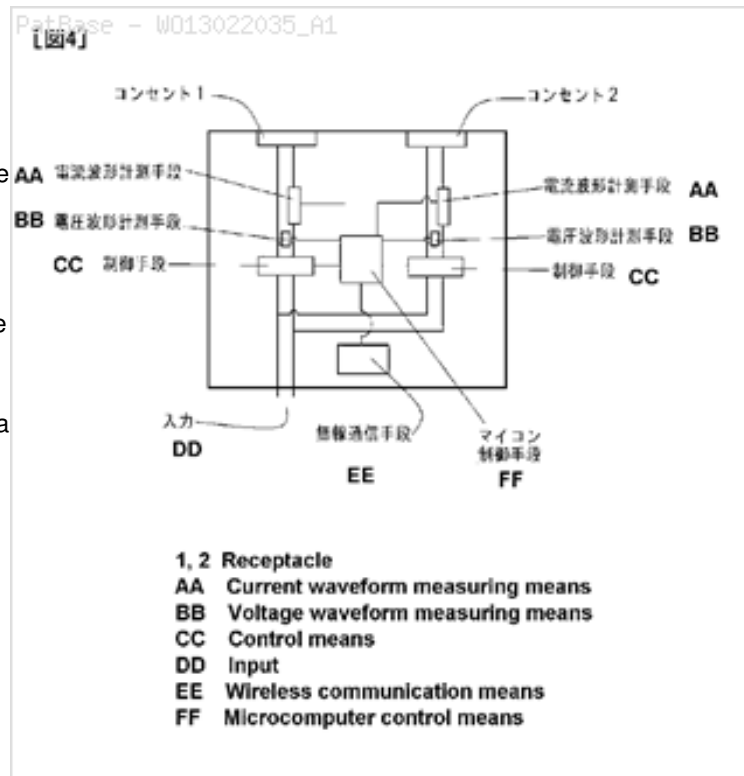
Probable Assignee: NITTO DENKO CORP**Assignee(s):^(std):** AOKI HIROYUKI ; HIEDA YOSHIHIRO ; KATO TAKEKAZU ; MATSUYAMA TAKASHI ; NITTO DENKO CORP**Assignee(s):** NITTO DENKO CORP IBARAKI**Inventor(s):^(std):** AOKI HIROYUKI ; HIEDA YOSHIHIRO ; KATO TAKEKAZU ; MATSUYAMA TAKASHI**Agent(s):** GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAUESSER; GRUENECKER PATENT U RECHTSANWALTE PARTG MBB; GRUENECKER PATENT U RECHTSANWALTE PARTG MBB; HASEBE ZENTARO ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): G01R11/00 G01R19/00 G01R19/25 G01R21/00 G01R21/133 G01R22/00 H01R13/502 H01R13/66 H01R25/00 H01R31/02 H02J13/00 H02J3/00 H02J3/14 H02J3/38 H04L12/28 (Advanced/Invention)**CPC:** H01R13/6683 H01R25/006 H04L12/2825 H01R13/665 H04L12/2818 G01R19/2513 G01R21/133 H02J3/14 H02J13/0075 H02J2003/146 Y02B70/3225 Y02B70/325 Y02B70/3266 Y02B90/226 Y02B90/2653 Y04S20/16 Y04S20/222 Y04S20/224 Y04S20/228 Y04S20/242 Y04S40/126**US class:** 439/620.01[Classification Explorer](#)**Cited documents:** US2012239959 AA, US2011187193 AA, US2011098867 AA, US2011095608 AA, US2011043034 AA, US2010070217 AA, US2001025349 AA, TW201019562, JP2012503200 T2, JP2011503934 T2, JP2011120324 A2, JP2011120324, JP2011078177 A2, JP2011072099 A2, JP2011010000 A2, JP2010515426 T2, JP2010130873 A2, JP2009165249 A2, JP2009165249, JP2009165249, JP2009112155 A2, JP2008306809 A2, JP2008261826 A2, JP2008104310 A2, JP2006210980 A2, JP2006210980, JP2006210980, JP200464136, JP2004222374 A2, JP2004221770 A2, JP2004064136 A2, JP2004064136, JP2003259569 A2, JP2003259569, JP2003259569,

JP2002185628 A2, EP2667473 A1, CN1395109, CN1251158 C, CN103329161 A, CN102057280, CN101800439,

Forward Citations: WO17021717, WO15041090, US9639808, US9569647, US9563792, US9484682, US9366702, US9355418, US9213539, US2016216698, US2015363671, US2015057825, US2014368315, US2014195064, US2014159864, US2012166992, TWI550988, KR20150130879, KR20150130878, KR20150130877, KR20150130876, KR20150130875, KR20150130874, KR101596139, KR101596138, KR101596137, KR101596136, KR101596135, KR101596134, KR101572627, JP6093249, JP5812307, JP2015130778, JP2015089231, JP2015060453, JP2014236619, EP3154145, EP3104180, EP3048566, EP3048566, EP3020111, CN104200635, CN104022407, CN104022407,

Abstract:

Source: US2014248802A A smart tap into which one or more than one power plugs can be inserted, including a voltage waveform measurement unit, a current waveform measurement unit, a communication unit, a control unit, and an arithmetic unit. The voltage waveform measurement unit and the current waveform measurement unit are units which measure a voltage waveform and a current waveform of power supplied to each of one or more home appliances via a corresponding respective power plugs connected to the home appliances. The communication unit is a unit which transmits the voltage waveform and the current waveform or a result of processing of the waveforms to a server. The control unit is a unit which controls switching of the power supplied to the home appliance and the amount of the supplied power in accordance with the control signal.



108) Family number: 53184182 (ES1078792U)

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Title: Unidad de oficina – comisaria movil. Office Unit – Cell curator. (Machine translation)**Priority:** ES20130030037U 20130116

Family:	Publication number	Publication date	Application number	Application date
	ES1078792 UA	20130308	ES20130030037U	20130116
	ES1078792 Y1	20130604	ES20130030037U	20130116

Probable Assignee: ARG INGENIEROS S L**Assignee(s):^(std):** ARG INGENIEROS S L**Assignee(s):** ARG INGENIEROS SL**Inventor(s):^(std):** RODRIGUEZ GIL DANIEL FELIPE**Inventor(s):** DANIEL FELIPE RODRIGUEZ GIL**Agent(s):** FUENTES JOSE JULIAN**International class** [B60P3/32](#) (Advanced/Invention)
(IPC 8-9):[Classification Explorer](#)**Abstract:**

Source: ES1078792U 1. Unidad de oficina-comisaria movil, consistente en un vehiculo modular no motorizado de uno o varios ejes de ruedas, como puede ser un remolque o trailer, constituido por un chasis de caja de base rectangular y enganche frontal, con espacio de ocupacion, cubierta y cerramientos exteriores e interiores, que se caracteriza esencialmente porque una de las esquinas del chasis conforma un receptaculo paralelepipedo rectangular a modo de armario exterior con tres estantes y puerta abatible ventilada (1), que delimita en el interior dos espacios mediante un panel (2) de prolongacion longitudinal del lado del armario transversal al lateral del chasis en que queda encastrado, hasta una distancia suficiente del lateral opuesto para permitir el paso de una persona, llevando anexado al efecto una puerta corredera (3) de apertura y cierre; un espacio menor, con funcion de pequeno aseo, delimitado por uno de los fondos del vehiculo, el armario exterior, el lateral opuesto y el panel con puerta corredera, y un espacio mayor, con funcion de despacho, delimitado por el otro fondo del vehiculo, sus dos lados laterales y el panel con puerta corredera, llevando provisto sendas ventanas en los lados laterales y una puerta de acceso desde el exterior en su fondo o en uno de dichos laterales. 2. Unidad de oficina-comisaria movil, segun primera reivindicacion, caracterizada porque el armario exterior y el espacio de aseo interior ocupan el fondo delantero del remolque o trailer, junto al enganche, y por presentar una puerta de doble hoja abatible (4) por su fondo posterior. 3. Unidad de oficina-comisaria movil, segun dos reivindicaciones anteriores, caracterizada por disponer de uno o varios paneles fotovoltaicos de capa fina (5) sobre la cubierta, un equipo de baterias solares (6) en el estante superior del armario exterior, almacenamiento

PatBase - ES1078792_UA

ES 1 078 792 U

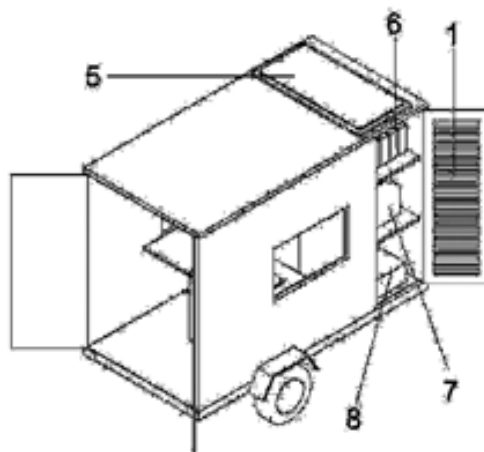


Fig. 1

de bidones de gasolina (7) en el estante intermedio, y un generador electrico (8) en el estante inferior. 4. Unidad de oficina-comisaria movil, segun tres reivindicaciones anteriores, caracterizada porque el espacio menor de aseo interior del vehiculo dispone de una luminaria (9) de luz halogena o de tipo LED en el techo, un inodoro quimico (10) por el lado del armario exterior, con deposito de aguas sucias inferior, y un lavamanos (11) con grifo y desagüee a calle en la esquina opuesta, con deposito de agua potable superior, y porque el espacio mayor de despacho interior dispone de una luminaria (13) de luz halogena o de tipo LED en el techo, una mesa (14) transversal junto a uno de sus laterales con cajonera extraible (15) y hoja abatible (16) de extension al lateral opuesto, una silla fija (17) atornillada al suelo bajo la mesa, y un equipo de telecomunicaciones (18) junto al lado del armario exterior. 5. Unidad de oficina-comisaria movil, segun todas las reivindicaciones anteriores, caracterizada porque el vehiculo modular en que consiste es un vehiculo motorizado tipo furgoneta o autocaravana.

Machine translation: 1. Unit-commissioner mobile office, consisting of a motor vehicle not modulate one or more wheel axles, such as a trailer or trailer, comprising a base frame rectangular box and front hitch, with space occupancy, and cover interior and exterior walls, which is characterized essentially in that one of the corners of the chassis forms a receptacle as a rectangular parallelepiped outer cabinet with three shelves and ventilated folding door (1), which defines two spaces inside by a panel (2) prolongation of the longitudinal side of the enclosure transverse to the chassis side which is recessed to a distance sufficient to allow the side opposite the passage of a person, taking effect attached to a sliding door (3) opening and closing; less space, with small toilet function, defined by one of the funds of the vehicle, the outer enclosure, and the opposite side with sliding door panel, and a larger space with dispatch function, defined by the other fund of the vehicle, its two lateral sides and the sliding door panel, carrying two windows provided in the lateral sides and an access door from outside in its bottom or in one of said sides. 2. Unit Commissioner office-phone, according to first claim, wherein the outer cabinet and inner room space occupy the bottom front of the trailer or trailer, near the hitch, and for filing a hinged double doors (4) in substance later. 3. Unit Commissioner office-phone, according to two previous claims, characterized by having one or more thin-film photovoltaic panels (5) on the cover, a team of solar batteries (6) on the top shelf of the closet outside storage of drums gasoline (7) in the middle shelf, and a generator (8) on the bottom shelf. 4. Unit-commissioner office phone, according to three above claims, characterized in that the lower space inside the vehicle room has a light (9) or halogen light LED type roof, a chemical toilet (10) on the side of exterior cabinet with bottom wastetank and a sink (11) with a street tap and flushing in the opposite corner, with superior water tank, and because most of the inner office space has a light (13) type halogen light or LED on the ceiling, a table (14) cross next to one of its sides with removable drawers (15) and folding leaf (16) extension to the opposite side, a fixed chair (17) bolted to the floor under the table, and telecommunications equipment (18) along the outer side of the closet. 5. Unit Commissioner office-phone, according to all the preceding claims, wherein the modular vehicle that is a motor vehicle or camper van type.

109) Family number: 53195605 (US2013063009A)

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Title: INTERACTIVE FURNITURE DEVICE**Priority:** US20110534225P 20110913 US20120615452 20120913

Publication number	Publication date	Application number	Application date
<u>US2013063009 AA</u>	20130314	US20120615452	20120913

Probable Assignee: NUNOERIN LLC**Assignee(s):^(std):** FERREIRA NUNO GONCALVES ; HAYNE ERIN ; NUNOERIN LLC**Inventor(s):^(std):** FERREIRA NUNO GONCALVES ; HAYNE ERIN**International class** A47B97/00 (Advanced/Invention)
(IPC 8-9):**CPC:** A47B13/12 A47B13/086 A47B2220/0077 A47C7/725 A47C9/00 A47C11/00 A47D1/00 A47D9/00**US class:** 312/237[Classification Explorer](#)**Cited documents:** US7657849 BB, US7543951 BB, US7500899 BB, US7358929 BB, US5918932 A, US4814220 A, US4225808 A, US2013165014 AA, US2010188867 AA, US2010173084 AA, US2010105018 AA, US2010023094 AA, US2010014711 AA, US2009307631 AA, US2009098792 AA, US2008278455 AA, US2008238706 AA, US2007252809 AA, US2007250119 AA, US2007154876 AA, US2004138083 AA,**Forward Citations:** US9370637, US2013165740, EP3033972,

Abstract:

Source: US2013063009A We disclose interactive furniture having a solid translucent surface that produces a light or sound output in response to a signal generated from an external stimulus. Preferably, at least a portion of the solid surface lights up when touched, and remains lit as programmed. The device is particularly useful in public spaces, such as restaurants, museums, and waiting rooms and has developmental and entertainment value.

PatBase - US2013063009_AA



0) DE202012011746U1 – THERMOSTATVENTIL FUER HEIZKOERPER

110) Family number: 53190401 (DE202012011746U1)

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Title: THERMOSTATVENTIL FUER HEIZKOERPER

Priority: DE201220011746U 20121206 DE201310113527 20131205

Family:	Publication number	Publication date	Application number	Application date
	<u>DE102013113527 A1</u>	20140612	DE201310113527	20131205
	<u>DE202012011746 U1</u>	20130321	DE201220011746U	20121206

Probable Assignee: KAHLERT GABRIELE

Assignee(s):^(std): KAHLERT GABRIELE

Assignee(s): KAHLERT

Inventor(s):^(std): KAHLERT PETER

International class F24D19/10 (Advanced/Invention)
(IPC 8-9):

CPC: F24D19/1018 F24H2240/09

[Classification Explorer](#)

Cited documents: US4575262 A, IT266587 A, GB2464095 A1,
DE202011106613 U1
DE202007007492 U1
DE2011106613 U, DE2007007492 U, DE2004012620,
DE102004012620 A1

Forward Citations: EP3056825,

Abstract:

Source: DE202012011746U1 Thermostatventil (10) fuer Heizkoerper, die mit einem Heizmedium durchflossen sind, mit einem Drehgriff (11), der in seinem Inneren (12) mit einer Verstelleinrichtung (13) zur Temperaturregelung des Heizkoerpers, naemlich einem Thermostat, versehen ist, wobei der Drehgriff (11) eine aeussere manuell drehbare Huelle (14) umfasst, deren manuelle Verstellung diese Regelung ermoeeglicht, wobei im Inneren (12) des Drehgriffs (11) ein oder mehrere stationaere Elemente (15) vorgesehen sind, welche sich nicht drehen, wenn die drehbare Huelle (14) manuell verdreht wird, und mit einem Temperatursensor, welcher am Drehgriff (11) angeordnet ist und eine von aussen ablesbare Anzeige (22) fuer die gemessene Temperatur aufweist, wobei der Temperatursensor vom Heizkoerper und von dessen Temperatur thermisch entkoppelt ist, dadurch gekennzeichnet, dass auf der Stirnseite (20) des Drehgriffs (11) eine Frontabdeckung (21) vorgesehen ist auf welcher die Anzeige (22) des Temperatursensors angeordnet ist dass die Frontabdeckung (21) und somit auch die Anzeige (22) mit...

PatBase - DE202012011746_U1

DE 20 2012 011 746 U1 2013.03.21

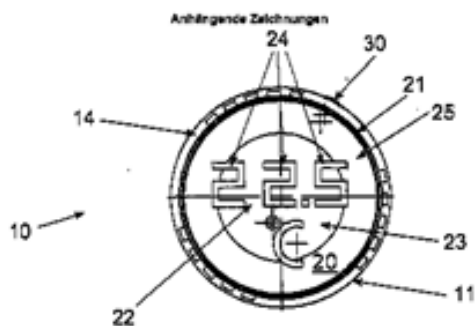


Fig. 1

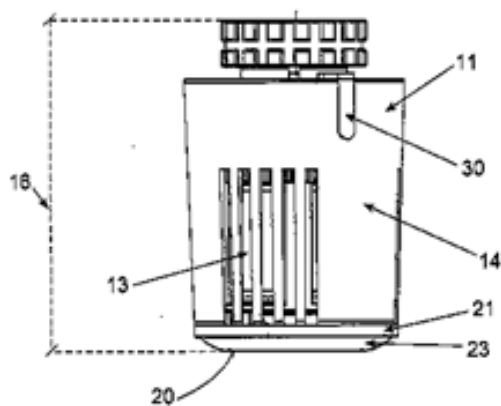


Fig. 2

5/9

0) US2014253613A – DISPLAY DEVICE INCLUDING A MULTIFUNCTIONAL AND ...

111) Family number: 53508349 (US2014253613A)

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Title: DISPLAY DEVICE INCLUDING A MULTIFUNCTIONAL AND COMMUNICATING SURFACE

Priority: FR20110003098 20111011 WO2012FR00409 20121010

Family:	Publication number	Publication date	Application number	Application date
	CN104067163 A	20140924	CN201280061003	20121010
	EP2766769 A1	20140820	EP20120806521	20121010
	FR2981172 A1	20130412	FR20110003098	20111011
	FR2981172 B1	20151030	FR20110003098	20111011
	US2014253613 AA	20140911	US20120350828	20121010
	US9620065 BB	20170411	US20120350828	20121010
	WO13054010 A1	20130418	WO2012FR00409	20121010

Probable Assignee: WYSIPS

Assignee(s):^(std): GILBERT JOEL ; SUNPARTNER TECH ; SUNPARTNER TECHNOLOGIES ; WYSIPS

Inventor(s):^(std): CARDI PHILIPPE ; GILBERT JOEL ; TASSE REMY

Inventor(s): JOEL GILBERT ; PHILIPPE CARDI ; REMY TASSE

Agent(s): NICOLLE OLIVIER; GLOBAL INVENTIONS; BUCHANAN INGERSOLL AND ROONEY PC; NONNENMACHER BERNARD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [G02B27/02](#) [G02B27/22](#) [G02B3/00](#) [G02F1/133](#) [G02F1/1333](#) [G02F1/1335](#) [G06F3/041](#)
[G09F9/30](#) [G09G3/34](#) (Advanced/Invention)

CPC: [G09G3/3406](#) [G09G2360/147](#) [G02F1/13338](#) [G02F1/133526](#) [G06F3/0412](#)

US class: [345/697](#) [345/77](#)

[Classification Explorer](#)

Cited documents: WO11004841 A1, US2013170013 AA, US2012212499 AA, US2012133618 AA, US2011050648 AA, US2008317303 AA, US2007070264 AA, US2006125977 AA, US2005122465 AA, FR2890181 A1, CN1940677 A, CN1786783 A, CN102005162 A,

Forward Citations: WO16190648, WO15162343, WO15015064, WO15015063, FR3020533, FR3016475, FR3009132,

Abstract:

Source: US2014253613A The invention relates to a display device including a plurality of pixels forming an image, and an optical plate arranged opposite the image and having transparency areas configured to allow the light from the pixels to at least partially pass therethrough. The optical plate further includes at least one array of functional elements corresponding to an electronic and/or mechanical function. The functional elements are inserted between the transparency areas and arranged such that the light emitted by the pixels is directed so as to pass through the transparency areas without intercepting the arrays of functional elements, so as to render the arrays of functional elements invisible or quasi-invisible to an observer of the display device. The invention can be used in any type of display device in which functions other than display itself must be integrated in a visually discreet manner.

PatBase - W013054010_A1

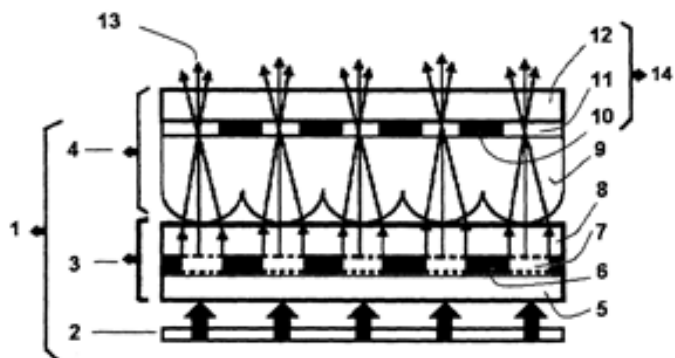


Figure 1

112) Family number: 53727232 (FR2982135B)

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Title: SUPPORT MOBILIER INTEGRANT UN DISPOSITIF D'ECLAIRAGE NOCTURNE

Priority: FR20110003372 20111107

Family:	Publication number	Publication date	Application number	Application date
	FR2982135 A1	20130510	FR20110003372	20111107
	FR2982135 B1	20141003	FR20110003372	20111107

Probable Assignee: DIROY

Assignee(s):^(std) DIROY

Inventor(s):^(std) JOLY GUILLAUME MATHIEU ; OHL RENAUD JEAN BAPTISTE MARIE ; UHL RENAUD JEAN BAPTISTE MARIE

Inventor(s): GUILLAUME MATHIEU JOLY ; RENAUD JEAN BAPTISTE MARIE OHL

Agent(s): DIROY; RENAUD UHL

International class [A47B91/00 A47C19/02 A47C21/00 F21V33/00](#) (Advanced/Invention)
(IPC 8-9).

CPC: [A47B91/00 A47C21/003 F21V33/0012 F21L4/00 F21W2131/301 F21Y2115/10](#)

[Classification Explorer](#)

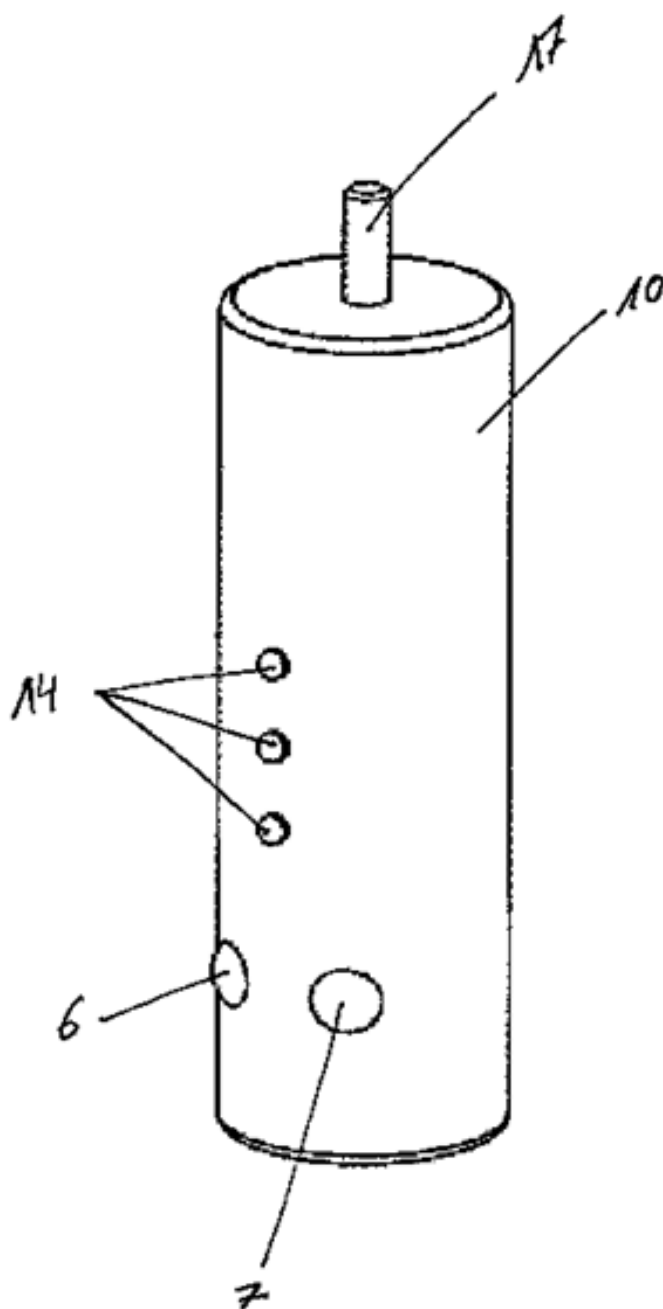
Cited documents: WO07087807 A1, EP1857737 A1,
DE202005017862 U1

Forward Citations: WO15044752, FR3011063,

Abstract:

Source: FR2982135A RESUME: Support mobilier, destine a supporter le poids d'un meuble tel que lit, armoire, notamment pied de lit, comprenant un corps assurant la fonction de support mecanique. Ce support mobilier integre au moins un dispositif d'eclairage nocturne, comprenant lui-meme au moins une source lumineuse, un capteur de luminosite, un detecteur de presence, notamment un detecteur de mouvement a ultrasons ou un detecteur a infrarouge, une source d'energie electrique, et une unite de controle. L'invention a aussi pour objet une literie integrant un tel support mobilier The support has a body (10) providing a function of mechanical support, where the support is provided in a circular cylindrical form. A night lighting device includes a light source, a light sensor (6), a detector (7) such as movement detector and infra-red detector, an electric energy source and a control unit. The body comprises an internal cavity, where a part of the lighting device is fixed in the cavity. An opening is emerged from an outer side of the body for arranging the light sensor and the light source.

PatBase - FR2982135_B1



0) WO13107469A1 – DESALINATION STATION USING A HEAT PUMP AND PHOT...

113) Family number: 54380355 (WO13107469A1)

© PatBase

Title: DESALINATION STATION USING A HEAT PUMP AND PHOTOVOLTAIC ENERGY

Priority: EP20120701446 20120119 WO2012EP00234 20120119

Family:	Publication number	Publication date	Application number	Application date
	DE602012025676 D1	20170105	DE201260025676T	20120119
	EP2804682 A1	20141126	EP20120701446	20120119
	EP2804682 B1	20161123	EP20120701446	20120119
	WO13107469 A1	20130725	WO2012EP00234	20120119

Probable Assignee: SMART AQUAE SRL

Assignee(s):^(std): SBUELZ ANES ; SMART AQUAE SRL

Assignee(s): SMART AQUAE SRL TAVAGNACCO

Inventor(s):^(std): SBUELZ ANES

Inventor(s): SMART AQUAE SRL

Agent(s): MITOLA MARCO; DAGOSTINI GIOVANNI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [B01D1/00](#) [B01D1/14](#) [B01D3/00](#) [B01D5/00](#) [C02F1/00](#) [C02F1/14](#) [C02F103/08](#)
[E03B3/04](#) (Advanced/Invention);
[C02F103/08](#) (Advanced/Non-invention)

CPC: [B01D1/0035](#) [B01D1/14](#) [B01D3/007](#) [B01D5/0039](#) [C02F1/14](#) [C02F2103/08](#) [C02F1/001](#)
[C02F2201/009](#) [C02F2209/02](#) [C02F2209/42](#) [E03B3/04](#) [Y02B30/52](#)

[Classification Explorer](#)

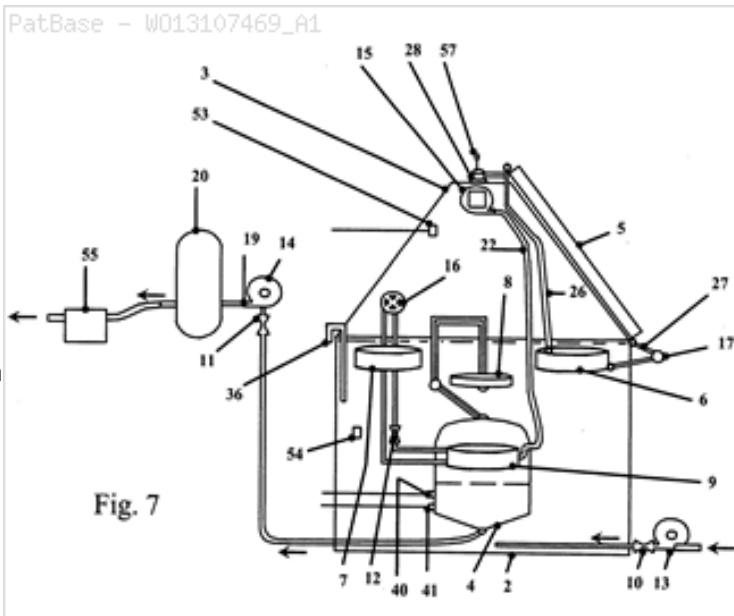
Cited documents: WO11018242 A2, WO04076359 A1, US3699006 A, GB2186564 A1, DE3122312 A1,
DE102004033409 A1

CN201059804 Y, AU6852881 A1,

Forward Citations: WO16075614,

Abstract:

Desalination station (1) of the distillation type comprising a hot area (45) defined by a casing (2) and by a hood (3) containing water with dissolved solids that is caused to evaporate to generate water vapour, a cold area (44) consisting of a container (4) in which the condensation of the water vapour coming from the hot area (45) occurs, at least one heat pump (16) that transfers heat from a refrigerating plate (9) present in the cold area (44) to a second heat exchanger (7) that gives heat to the water with dissolved solids causing the evaporation of the water contained in the casing (2) with the formation of water vapour in correspondence of the hood (3), transferring means (15) of the water vapour from the hood (3) to the refrigerating plate (9), a feeding area (46) of the water with dissolved solids towards the casing (2), a drawing area (47) of the condensed water, a power supply generation area (48) comprising at least one photovoltaic solar panel (5), a heating area (50), the photovoltaic solar panel (5) generating the electric power supply at least for the heat pump (16) and the transferring means (15) of the water vapour making said desalination station (1) autonomous from other external energy sources, the photovoltaic solar panel (5) being combined with a circulation system (56) of a cooling fluid with a circulation pump (17), the cooling fluid circulating in correspondence of the solar panel (5) and transferring heat from the solar panel (5) to the hot area (45) by means of a first heat exchanger (6) that gives heat to the water with dissolved solids contained in the casing (2).



0) ES2416854R – FAROLA HOLONICA SOSTENIBLE

114) Family number: 54423218 (ES2416854R)

© PatBase

Title: FAROLA HOLONICA SOSTENIBLE

Priority: ES20120000015 20111229

Family:	Publication number	Publication date	Application number	Application date
	ES2416854 AB	20130802	ES20120000015	20111229
	ES2416854 BA	20140730	ES20120000015	20111229
	ES2416854 R1	20131128	ES20120000015	20111229

Probable Assignee: UNIV SEVILLA

Assignee(s):^(std): UNIV SEVILLA

Assignee(s): UNIVERSIDAD DE SEVILLA

Inventor(s):^(std): AGUAYO GONZALEZ FRANCISCO ; AVILA GUTIERREZ MARIA JESUS ; LAMA RUIZ JUAN RAMON

Inventor(s): MARIA JESUS AVILA GUTIERREZ ; FRANCISCO AGUAYO GONZALEZ ; JUAN RAMON LAMA RUIZ

International class [F21S19/00](#) [F21S9/03](#) ^(Advanced/Invention) ;
^(IPC 8-9) [F21W131/00](#) ^(Advanced/Non-invention)

CPC: [Y02B20/72](#) [F21S9/03](#)

[Classification Explorer](#)

Cited documents: WO11098906, WO09071835, GB2344382, ES1073368 U, ES1069980 U, ES1067944 U,

Abstract:

Source: ES2416854R El objeto de la presente invencion se engloba dentro del sector tecnico de la industria dedicado a la fabricacion de mobiliario urbano sostenible, y mas concretamente se refiere a farolas que utilizan luminarias basadas en la utilizacion de LEDs de alto rendimiento con disipadores de calor incorporados y alimentadas a traves de energias ecologicas como pueden ser la energia eolica y la solar. Posee la posibilidad de conexion a red como respaldo a las energias renovables consideradas y su uso conjunto con un sistema de telegestion que permita el control de la luminaria. Ademias permite soportar diversos accesorios como pueden ser: soportes para pancartas y banderolas, camaras de seguridad, sensores de proximidad,... Los posibles usos de la invencion podrian ser en diferentes zonas publicas que requieran de alumbrado tales como parques y jardines, carriles bici, carreteras, calles residenciales,...

PatBase - ES2416854_BA

ES 2 416 854 B1

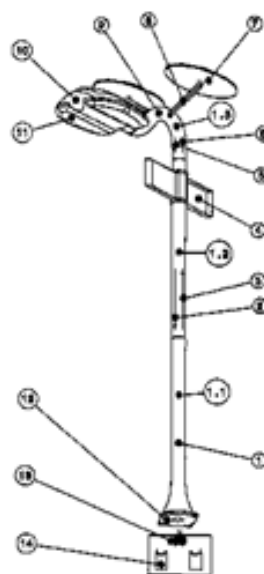


FIGURA 1

115) Family number: 54513488 (US2013201316A)

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Title: SYSTEM AND METHOD FOR SERVER BASED CONTROL**Priority:** US20120584500P 20120109 US20120620129P 20120404 US20120637030P 20120423
US20120647034P 20120515 US20130733634 20130103 US20160361434 20161127

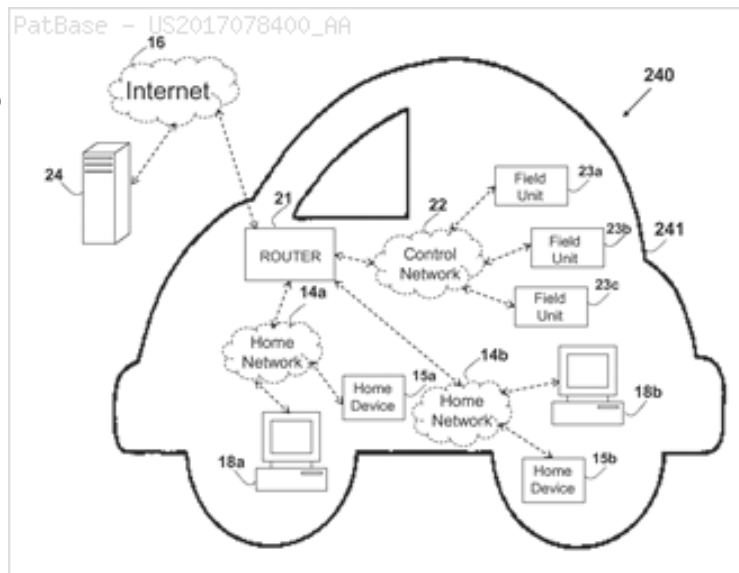
Family:	Publication number	Publication date	Application number	Application date
	<u>US2013201316 AA</u>	20130808	US20130733634	20130103
	<u>US2017078400 AA</u>	20170316	US20160361434	20161127

Probable Assignee: MAY PATENTS LTD**Assignee(s):^(std):** MAY PATENTS LTD**Inventor(s):^(std):** BINDER YEHUDA ; MAYTAL BENJAMIN**International class** H04L29/08 (Advanced/Invention)
(IPC 8-9):**CPC:** H04L67/12 B60K31/00 B60K31/18 B60Y2200/11 B60Y2200/12 B60Y2200/126
B60Y2200/13 B60Y2200/30 B60Y2200/40 B60Y2200/50 B60Y2200/90 G01C21/00
G06Q2240/00 G07C5/008 G08G1/00**US class:** 348/143 348/77 370/276 700/22 700/28 701/2 701/31.4 709/218[Classification Explorer](#)

Forward Citations: WO17019903, WO16176481, WO16155943, WO16074873, WO16058368, WO15198087, WO15160657, US9648009, US9646121, US9636981, US9634995, US9632554, US9629193, US9619105, US9608904, US9606522, US9600078, US9590975, US9590701, US9588191, US9584730, US9580139, US9577913, US9570643, US9553512, US9544534, US9543635, US9541921, US9533597, US9531704, US9531618, US9531067, US9522687, US9521449, US9520730, US9520250, US9517782, US9509436, US9509371, US9507417, US9504920, US9496620, US9494429, US9490533, US9451573, US9451434, US9446678, US9444510, US9436569, US9426223, US9420620, US9412254, US9407101, US9403545, US9397820, US9389295, US9373885, US9373245, US9368870, US9357339, US9350665, US9349365, US9325516, US9319257, US9316400, US9310891, US9306830, US9298266, US9293817, US9288102, US9287956, US9274575, US9264315, US9262064, US9246674, US9243440, US9241044, US9240625, US9231672, US9230064, US9229476, US9198265, US9191037, US9172605, US9148849, US9129155, US9111135, US9100339, US9098739, US9092665, US9088313, US9075114, US9071058, US9065523, US9063873, US9032071, US9000921, US8996060, US8988517, US8981731, US8971954, US8971210, US8934675, US8922353, US8880204, US8878496, US8855730, US8836601, US8830312, US8731977, US2017034316, US2016323356, US2016316739, US2016301474, US2016299862, US2016262242, US2016258639, US2016144695, US2016119713, US2016109864, US2016109322, US2016096608, US2016095150, US2016088438, US2016088211, US2016082903, US2016072556, US2016065536, US2016059853, US2016011617, US2016006272, US2016003491, US2016001656, US2015358660, US2015300671, US2015297121, US2015296048, US2015256391, US2015256355, US2015251556, US2015244806, US2015244410, US2015237123, US2015222820, US2015213268, US2015180774, US2015172426, US2015171650, US2015168976, US2015166085, US2015149123, US2015145417, US2015131639, US2015131479, US2015117148, US2015116813, US2015114010, US2015108284, US2015085132, US2015081313, US2015078463, US2015070007, US2015068243, US2015067819, US2015066516, US2015061525, US2015051788, US2015046646, US2015046061, US2015035722, US2015029960, US2015022725, US2015015476, US2014355499, US2014340243, US2014340240, US2014340093, US2014336850, US2014315494, US2014288912, US2014280865, US2014273865, US2014241533, US2014237092, US2014233661, US2014219443, US2014216837, US2014211636, US2014177864, US2014176308, US2014142729, US2014111341, US2014066123, US2014064082, US2014032737, US2014022383, US2014005834, US2013273952, US2013267173, US2013173219, US2013130614, US2012139538, US2012102155, US2011141255, TWI510927, RU2572455, ES2552604, EP3163386, EP2995818, EP2863607, DE102015112431, DE102015003219, DE102014204577,

Abstract:

Source: US2013201316A A system and method in a building or vehicle for an actuator operation in response to a sensor according to a control logic, the system comprising a router or a gateway communicating with a device associated with the sensor and a device associated with the actuator over in-building or in-vehicle networks, and an external Internet-connected control server associated with the control logic implementing a PID closed linear control loop and communicating with the router over external network for controlling the in-building or in-vehicle phenomenon. The sensor may be a microphone or a camera, and the system may include voice or image processing as part of the control logic. A redundancy is used by using multiple sensors or actuators, or by using multiple data paths over the building or vehicle internal or external communication. The networks may be wired or wireless, and may be BAN, PAN, LAN, WAN, or home networks.



116) Family number: 54526743 (US2013205663A)

Title: LIGHTING SYSTEM FOR USE IN RAISED BED GARDENING OR LANDSCAPING

Priority: US20120597005P 20120209 US20130760662 20130206

Family:	Publication number	Publication date	Application number	Application date
	<u>US2013205663 AA</u>	20130815	US20130760662	20130206
	US8919041 BB	20141230	US20130760662	20130206

Probable Assignee: VEGHERB LLC

Assignee(s):^(std) VEGHERB LLC

Inventor(s):^(std): TOPPING ANTHONY

Agent(s): LEASON ELLIS LLP

International class A01G9/20 (Advanced/Invention)
(IPC 8-9).

CPC: A01G9/20 A01G9/26

US class: 47/58.1LS 47/66.6

Classification Explorer

Cited documents: US7494254 BB, US6434882 BA, US4869018 A, US1617028 A.

Forward Citations: US9363948, US2016316637, US2015316698, US2015250104, US2014069007, US2013283683.

Abstract:

Source: US2013205663A A grow light support system for use with a raised border system includes components for forming a tension cord network that is suspended over the raised bed border system and includes a grow light unit that is suspended on the tension cord network. The grow light unit is configured such that the grow light can be positioned and locked in place at a predetermined location of the tension cord network and is configured such that the distance between the grow light and the tension cord network can be varied, thereby changing the height at which the grow light is positioned relative to the ground.



117) Family number: 51040630 (WO13121166A2)

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Title: SOLAR PV SYSTEM FOR VEHICLES**Priority:** GB20120002813 20120217

Family:	Publication number	Publication date	Application number	Application date
	GB201202813 A0	20120404	GB20120002813	20120217
	<u>GB2499446 A1</u>	20130821	GB20120002813	20120217
	<u>WO13121166 A2</u>	20130822	WO2013GB00058	20130214
	<u>WO13121166 A3</u>	20140227	WO2013GB00058	20130214

Probable Assignee: HODGSON RICHARD**Assignee(s):^(std):** HODGSON RICHARD**Assignee(s):** RICHARD HODGSON**Inventor(s):^(std):** HODGSON RICHARD**Inventor(s):** RICHARD HODGSON

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class B60L1/00 B60L11/18 B60L8/00 H02J3/38 (Advanced/Invention)
(IPC 8-9):

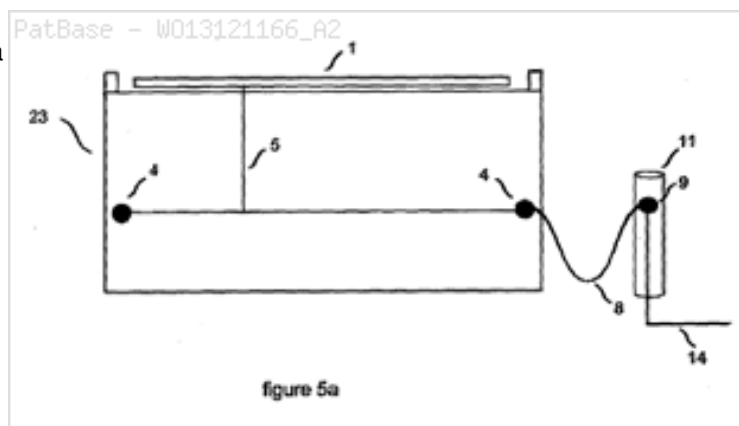
CPC: B60L11/1842 H02J3/383 B60L8/003 B60L11/1816 Y02E60/721 Y02T10/7005 Y02T10/7083 Y02T90/121 Y02T90/122 Y02T90/128 Y02T90/14 Y02T90/163 Y02T90/169 Y04S10/126 Y04S30/14 B60L1/003 B60L1/006 B60L11/1822 B60L11/1827 B60L11/1848 B60L2200/18 B60L2230/40 Y02T90/124 Y02T90/125 H02J7/35 H02J13/0006 Y02E10/563 H02J3/008 H02J3/381 G06Q20/34 G06Q20/3415 G07F15/005 B60L2200/26 Y02T10/7094

[Classification Explorer](#)

Cited documents: WO12071645 A1, WO08107767 A2, US2010193261 AA, US2010017249 AA, US2009313103 AA, US2007170886 AA, DE4205331 A1, DE4028937 A1, DE202009008572 U1

Forward Citations: WO15154888,**Abstract:**

A solar PV system contained wholly onboard a vehicle or other moveable object consisting of at least one solar photovoltaic panel 1 to enable photovoltaic power to be generated onboard and power outlet socket 4 to enable connection of the onboard inventive system to an external destination such as a power grid 14 so that the power being produced by the onboard system can be transferred or exported to that external destination and be used commercially.



118) Family number: 54820186 (WO13140011A2)

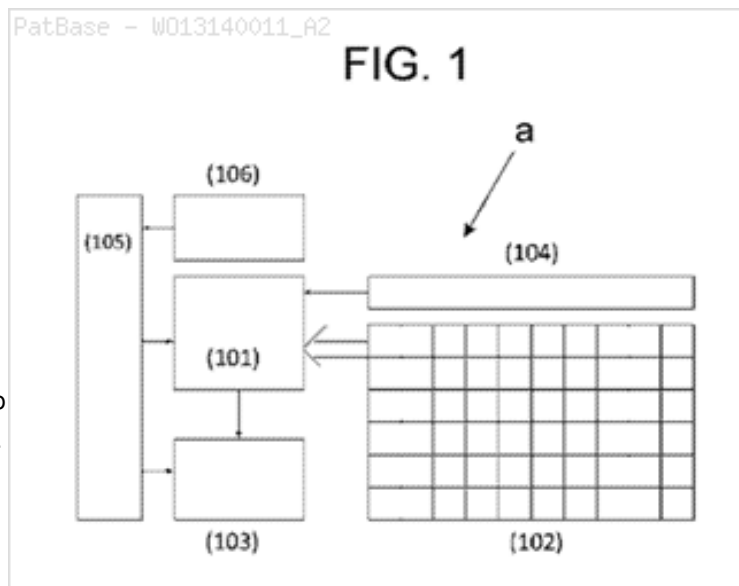
© PatBase

Title: WIRELESS COMMUNICATION DEVICE FOR PERSONS HAVING SPEECH IMPEDIMENTS**Priority:** ES20120030426 20120321**Family:**

Publication number	Publication date	Application number	Application date
ES2426663 AB	20131024	ES20120030426	20120321
ES2426663 BA	20140915	ES20120030426	20120321
ES2426663 R2	20131121	ES20120030426	20120321
WO13140011 A2	20130926	WO2013ES70180	20130319
WO13140011 A3	20131107	WO2013ES70180	20130319

Probable Assignee: UNIV CATALUNYA POLITECNICA**Assignee(s):^(std):** UNI POLITECNICA DE CATALUNYA ; UNIV CATALUNYA POLITECNICA**Assignee(s):** UNIVERSITAT POLITECNICA DE CATALUNYA**Inventor(s):^(std):** CASAS PIEDRAFITA JAIME OSCAR ; DOMINGO HERNANDO SERGIO ; QUILEZ FIGUEROLA MARCOS ; ROMERO SALORD BORJA ; ROMERO SALORD CARLOS ; HORNERA OCANA GEMMA**Inventor(s):** JAIME OSCAR CASAS PIEDRAFITA ; MARCOS QUILEZ FIGUEROLA ; SERGIO DOMINGO HERNANDO ; GEMMA HORNERA OCANA ; BORJA ROMERO SALORD ; CARLOS ROMERO SALORD**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class** [G10L13/033](#) (Advanced/Invention)
(IPC 8-9):**CPC:** [Y02B60/50](#) [H04W4/008](#) [H04M1/72588](#) [H04W52/0241](#) [G09B21/00](#)[Classification Explorer](#)**Cited documents:** WO11047218 A1,**Abstract:**

The invention relates to a wireless communication device for persons having speed impediments which is made up of communication sheets, which comprise a symbol selector (a), and a device for reproducing messages (b) between which communication takes place wirelessly, at a distance of < 5 m in order to minimise power consumption. The symbol selector (a) comprises a low-voltage battery (105), microcontroller (101), transceiver (103), and passive selection grid (102); and the reproduction device is portable and capable of reproducing sounds of the signals from the symbol selector (a) into an augmentative audio signal (approximately 1.0 W), with sound recording which can be associated with one or more symbols.



0) US2014028242A – SUNSHADES WITH SOLAR POWER SUPPLIES FOR CHARGIN...

119) Family number: 55158760 (US2014028242A)

© PatBase

Title: SUNSHADES WITH SOLAR POWER SUPPLIES FOR CHARGING ELECTRONIC DEVICES

Priority: US20120676454P 20120727 US20130461657F 20130726 US20130461658F 20130726
US20130461659F 20130726 US20130461660F 20130726 US20130461661F 20130726
US20130953727 20130729 US20130461662F 20130726 US20130467894F 20130924
US20130467891F 20130924 US20130473183F 20131119 US20130468004F 20130925
US20130467411F 20130918 US20140487442F 20140408 WO2013US52598 20130729
US20150803724 20150720 US20150526699F 20150512

Family:	Publication number	Publication date	Application number	Application date
	<u>CN303054883 S</u>	20141231	CN201430021744F	20140126
	<u>CN303126851 S</u>	20150311	CN201430021745F	20140126
	<u>EP2878014 A1</u>	20150603	EP20130822260	20130729
	<u>EP2878014 A4</u>	20160224	EP20130822260	20130729
	<u>HK1210870 A1</u>	20160506	HK20150111450	20151119
	<u>US2014028242 AA</u>	20140130	US20130953727	20130729
	<u>US2015320162 AA</u>	20151112	US20150803724	20150720
	<u>US9088181 BB</u>	20150721	US20130953727	20130729
	<u>USD693560 S1</u>	20131119	US20130461658F	20130726
	<u>USD693561 S1</u>	20131119	US20130461660F	20130726
	<u>USD693562 S1</u>	20131119	US20130461661F	20130726
	<u>USD693563 S1</u>	20131119	US20130461662F	20130726
	<u>USD700772 S1</u>	20140311	US20130461657F	20130726
	<u>USD702037 S1</u>	20140408	US20130467894F	20130924
	<u>USD703939 S1</u>	20140506	US20130467891F	20130924
	<u>USD706026 S1</u>	20140603	US20130473183F	20131119
	<u>USD728919 S1</u>	20150512	US20130468004F	20130925
	<u>USD735466 S1</u>	20150804	US20130461659F	20130726
	<u>USD753384 S1</u>	20160412	US20130467411F	20130918
	<u>USD756623 S1</u>	20160524	US20150526699F	20150512
	<u>USD779810 S1</u>	20170228	US20140487442F	20140408
	<u>WO14018990 A1</u>	20140130	WO2013US52598	20130729

Probable Assignee: ZON

Assignee(s):^(std): AKIN SARAH ; JOHNSON DAVID ; ZON

Inventor(s):^(std): AKIN SARAH ; JOHNSON DAVID

Agent(s): WILLIAMS LISA ESTELLE; AKA CHAN LLP; CHAN MELVIN D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH
CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE
GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA
LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA
NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK
SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM
ZW

International class
(IPC 8-9): A45B23/00 A45B25/02 A45B25/10 F24J2/52 H01L31/042 H01M10/46 H01M2/10
H02J7/00 H02J7/02 H02J7/35 H02S30/20 (Advanced/Invention);
H02J7/00 (Advanced/Non-Invention);
F24J H01L (Subclass/Invention)

CPC: H02J7/025 F24J2/045 F24J2/36 F24J2/42 A45B23/00 A45B25/10 A45B2023/0012
A45B2023/0037 A45B2200/1027 A45B2200/1063 H01L31/042 H01M2/1055 H01M10/465
H01M220/30 H02J7/0042 H02J2007/0062 H02S40/38 H02S30/20 A45B25/02

US class: 1/1 135/16 320/101 D13/102 D13/103 D26/138 D3/10 D3/5

Locarno class: 03/03 13/99

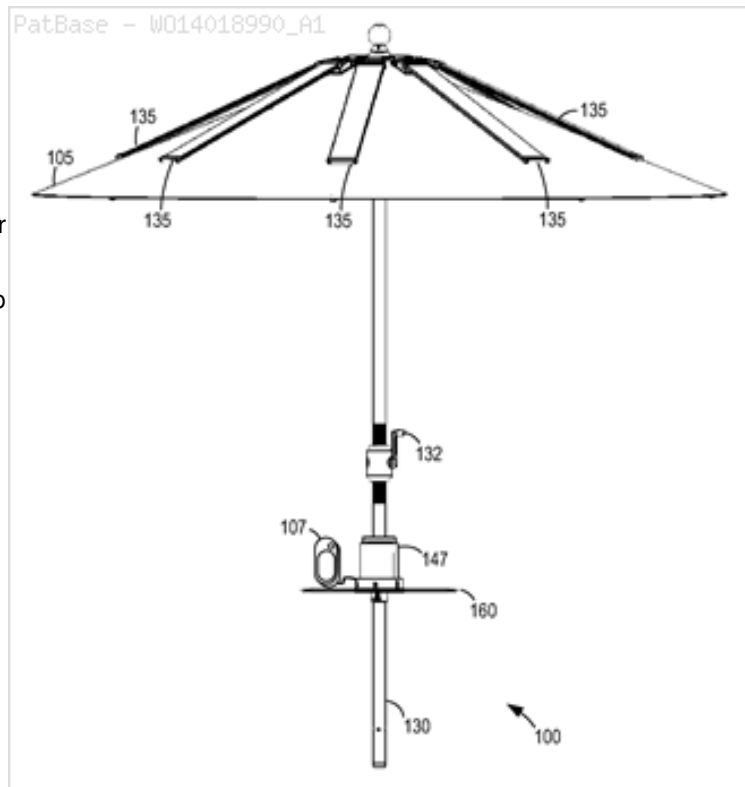
[Classification Explorer](#)

Cited documents: USD728466 S1, USD724524 S1, USD720688 S1, USD720289 S1, USD709643 S1, USD704428 S1, USD703940 S1, USD701829 S1, USD701828 S1, USD700772 S1, USD695002 S1, USD688621 S1, USD684353 S1, USD683899 S1, USD681548 S1, USD680949 S1, USD668443 S1, USD643971 S1, USD638622 S1, USD637389 S1, USD631438 S1, USD623844 S1, USD604896 S1, USD600200 S1, USD561460 S1, USD546762 S1, USD535945 S1, USD530269 S1, USD528502 S1, USD480498 S1, USD453572 S1, USD443409 S1, USD426517 S1, USD396741 S1, USD373468 S1, USD373467 S1, USD373465 S1, USD371902 S1, USD345645 S1, USD336982 S1, USD301454 S1, USD248042 S1, USD151655 S1, US9185988 BA, US9088181 BB, US8695614 BB, US8530066 BB, US8393340 BB, US8360079 BB, US7614600 BA, US7562667 BB, US7013903 BB, US7000624 BB, US6923058 BB, US6830058 BB, US6612713 BA, US5057386 A, US4836232 A, US4527721 A, US4193389 A, US3456661 A, US312446 A, US2740823 A, US2679256 A, US2571634 A, US2014211489 AA, US2014150837 AA, US2014144490 AA, US2014009103 AA, US2013240006 AA, US2013234645 AA, US2013224545 AA, US2012235477 AA, US2012219849 AA, US2012060361 AA, US2012017954 AA, US2011265694 AA, US2011232704 AA, US2011203633 AA, US2011143178 AA, US2010307547 AA, US2010154786 AA, US2009058354 AA, US2008105287 AA, US2008006312 AA, US2007242450 AA, US2007127231 AA, US2006124157 AA, US2005196665 AA, US2005161067 AA, US2005146876 AA, US2005133077 AA, US2002078986 AA, US1397789 A, KR101112638 B1,

Forward Citations: WO17000931, WO16109848, WO16040749, WO15103639, USD783522, USD779810, USD765387, USD758062, USD758036, USD756623, USD755120, USD753384, USD750365, USD749313, USD748905, USD728466, USD727614, USD724524, USD723205, US9553481, US9510653, US9490659, US9455597, US9289039, US9203257, US9185988, US9125462, US2016036267, US2015340892, US2015280457, US2015136944, GB2536450, DE102015113993, CN104814584, CN104799513,

Abstract:

Source: US2014028242A A device for providing electrical power from light for charging a portable electronic device includes a frame structure, a shade attached to the frame structure, and a solar panel attached to the frame structure and positioned above the shade. The device includes a rechargeable battery configured to be recharged by the solar panel, and a charging terminal configured to connect to the portable electronic device and supply charge from the rechargeable battery to the portable electronic device.



120) Family number: 55375071 (WO13186578A1)

© PatBase

Title: DECORATIVE TRANSPARENT INSERT AND THE MODE OF PROCEEDING**Priority:** HR20120000488 20120612

Family:	Publication number	Publication date	Application number	Application date
	<u>HR20120488 A2</u>	20131220	HR20120000488	20120612
	<u>HR20120488 B3</u>	20150424	HR20120000488	20120612
	<u>WO13186578 A1</u>	20131219	WO2013HR00017	20130611

Probable Assignee: ŠPOLJAR JOSIP**Assignee(s):**^(std) SPOLJAR JOSIP ; ŠPOLJAR JOSIP**Inventor(s):**^(std) SPOLJAR JOSIP ; ŠPOLJAR JOSIP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [B32B17/06 B32B17/10 B41F19/00 B44C5/04](#) ^(IPC 8-9) (Advanced/Invention)

CPC: [B32B2419/00 B32B2451/00 B44C5/0407 B32B17/10917 B44F1/066 B32B17/10247](#)

[Classification Explorer](#)

Cited documents: US4769265 A, GB342809 A, GB2360742 A1, EP2063685 A1, DE8534996 U, DE3527010 A1, DE20118461 U1,

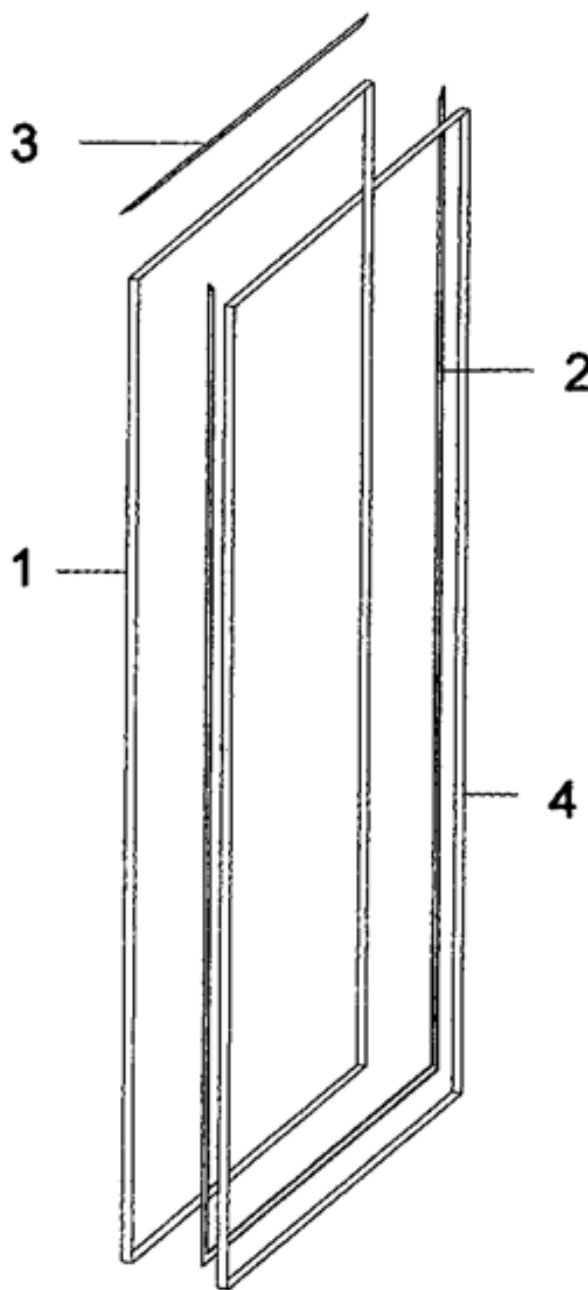
DE102005037442 A1

Forward Citations: DK201400105,

Abstract:

Transparent decorative insert according to this innovation includes straight or curved glass (plastic) surface (1,4,23), or other transparent material of any shape, on which surface the thin layer of sand grains (11), or thin layer of glass pearls (10), will be applied and which could be in all possible colors and sizes such as 1–2 mm, in the way that they are filled in through the upper fill in gate (12), diameter 1–2 mm, or by hopper (7), or through supply pipes (6), and by glue container (5). The transparent decorative insert made manually is certainly the unique exemplar. On the other hand, in order to achieve identical patterns on more units, the printer should be used (13) as the applier of sand grains (11), or transparent glass pearls (10), on transparent glass (plastic) materials, creating the drawings and shapes according to all possible wishes. First, depending on the art of decorative insert, the transparent materials are bonded together by silicon glue (2), or by distance bar (21). Second, the sand (11), or pearls (10), are added into the insert. According to wishes, the passive LED lighting (27), will be installed around the edges. After this operation, the mixture will be stucked together by using of sticky fog through sticky fog emission passage (20), and will be vacuummed at last. The decorative inserts are used as implementation for doors (33), windows, illuminated panels, furniture, billboards, or anywhere else where special effects are expected to be achieved, showing at the same time all the significant beauty and glare of the using components.

PatBase - W013186578_A1

**FIG 1**

121) Family number: 55708595 (US2014031906A)

© PatBase

Title: PORTABLE PHOTOTHERAPY DEVICE
Priority: US20120676137P 20120726 US20130794891 20130312 WO2013US30484 20130312
Family:

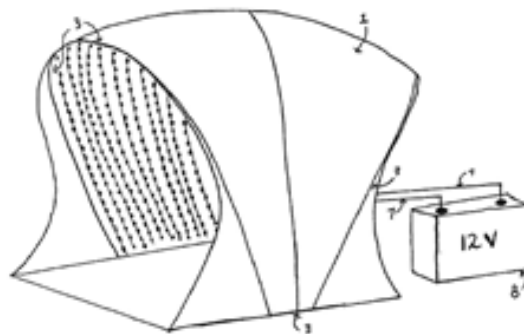
Publication number	Publication date	Application number	Application date
CN104640602 A	20150520	CN201380039321	20130312
EP2877243 A1	20150603	EP20130714383	20130312
IN00360DN2015 A	20150612	IN2015DN00360	20150115
US2014031906 AA	20140130	US20130794891	20130312
US9604072 BB	20170328	US20130794891	20130312
WO14018103 A1	20140130	WO2013US30484	20130312

Probable Assignee: LITTLE SPARROWS TECH LLC**Assignee(s):**^(std) BREZINSKI DONNA J ; LITTLE SPARROWS TECH LLC**Assignee(s):** LITTLE SPARROWS TECHNOLOGIES LLC ; BREZINSKI DONNA**Inventor(s):**^(std) BREZINSKI DONNA J**Agent(s):** GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; MICHAEL R; YANKWICH AND ASSOCIATES PC; LEON R; ZWICKER KENNETH P ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class** [A61N5/06](#) (Advanced/Invention)
(IPC 8-9).**CPC:** [A61N5/06](#) [A61N5/0614](#) [A61N5/0618](#) [A61N5/0621](#) [A61N5/0624](#) [A61N2005/0652](#) [A61N2005/0662](#) [A61N2005/0665](#)**US class:** [607/90](#)[Classification Explorer](#)**Cited documents:** WO12037355 A2, WO11088121 A2, WO07091188 A2, WO0114012 A1, US8536667 BB, US8512386 BB, US8246666 BB, US8212473 BB, US8202307 BB, US8069857 BB, US8048136 BB, US8026528 BB, US7921853 BB, US7824435 BB, US7686839 BB, US7438719 BB, US7306620 BB, US7305163 BB, US7274844 BB, US7210817 BB, US7147653 BB, US7131990 BB, US7094378 BA, US6955684 BB, US6872220 BB, US6811563 BB, US6743249 BA, US6676655 BB, US6645230 BB, US6611110 BA, US6596016 BA, US6290713 BA, US6045575 A, US5835648 A, US5824023 A, US5792214 A, US5671766 A, US5411046 A, US5400425 A, US5339223 A, US4955876 A, US4009051 A, US3990463 A, US3877437 A, US3875596 A, US3351956 A, US2011144727 AA, US2010106228 AA, US2004138726 AA,**Forward Citations:** WO17004257, USD754897, US9555262,

Abstract:

Source: US2014031906A Disclosed is a portable phototherapy device capable of emitting electromagnetic radiation of a wavelength and intensity sufficient to obtain a desired phototherapeutic effect to a subject, without being in direct physical contact with said subject. The device is portable, capable of being flattened, folded, rolled, compressed, or otherwise collapsed, to a size smaller than that of its operating size. The device may be of any size or shape, and may optionally comprise a frame support. The device may be powered by a variety of sources, including one or more batteries. The device may be configured to deliver electromagnetic radiation sufficient to obtain one or more of a variety of desired phototherapeutic effects.

PatBase - W014018103_A1

**FIG. 1**

122) Family number: 55895820 (US2015211136A)

© PatBase

Title: ELECTRIC CURRENT SENSING AND MANAGEMENT SYSTEM FOR ELECTROLYTIC PLANTS

Priority: US20120694208P 20120828 US20130424825 20130826 US20130765142P 20130215
WO2013AU00948 20130826

Family:

Publication number	Publication date	Application number	Application date
AP201508290 A0	20150228	AP20150008290	20130826
AU2013308380 AA	20140306	AU20130308380	20130826
CL2015000493 A1	20150710	CL20150000493	20150227
CN104769164 A	20150708	CN201380056525	20130826
EP2890833 A1	20150708	EP20130832519	20130826
EP2890833 A4	20160615	EP20130832519	20130826
IN00426MN2015 A	20150904	IN2015MN00426	20150227
RU2015110618 A	20161020	RU20150110618	20130826
US2015211136 AA	20150730	US20130424825	20130826
WO14032085 A1	20140306	WO2013AU00948	20130826

Probable Assignee: HATCH PTY LTD

Assignee(s):^(std): HATCH ASSOCIATES PTY LTD ; HATCH PTY LTD

Inventor(s):^(std): GARCES BARON JORGE ; GILL GERALD ; JOHNSTON NOEL ; JOHNSTON TIM ; NOLET SEBASTIAN ; NOLET SEBASTIEN ; YESBERG JOHN ; BOON CHRIS ; FRASER ROB

Inventor(s): GARC S BARON JORGE

Agent(s): WRAYS; ESTUDIO CAREY LTDA; TISCHNER OLIVER; WRAYS PTY LTD

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [C25B15/02](#) [C25C1/00](#) [C25C7/06](#) [C25D17/02](#) [C25D21/12](#) [H02J7/04](#) (Advanced/Invention)

CPC: [C25D21/12](#) [C25D17/004](#) [C23F13/04](#) [C23F13/22](#) [C25C1/00](#) [C25C7/06](#) [C25B15/02](#)

US class: [204/229.8](#) [205/337](#)

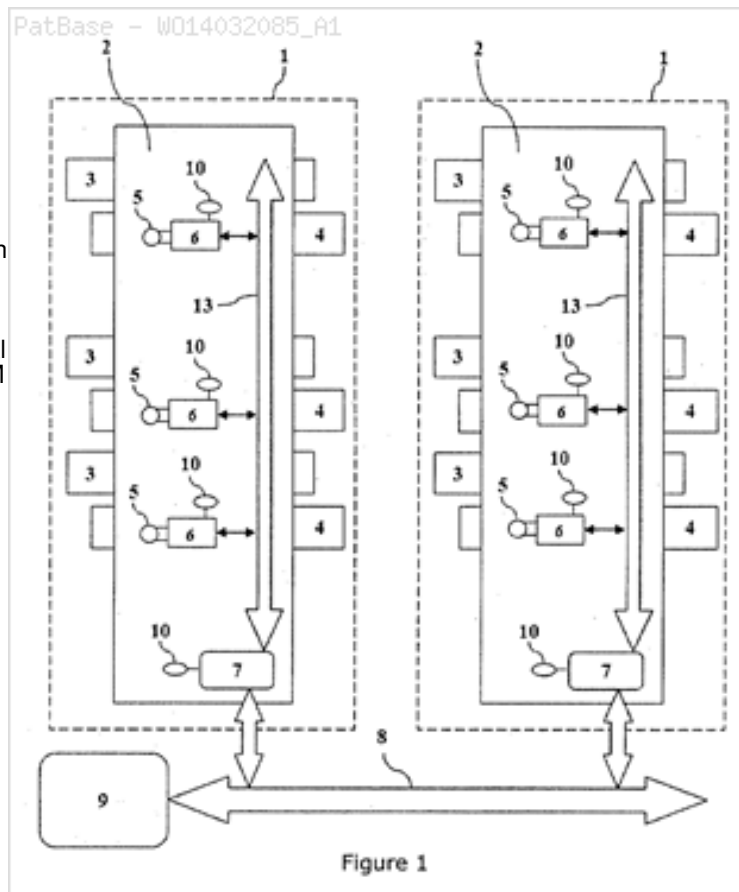
[Classification Explorer](#)

Cited documents: WO12020243 A1, WO11123896 A1, WO03057945 A2, US7993501 BB, US7854825 BB, US7445969 BB, US7445696 BB, US4375617 A, US3793166 A, US3792457 A, US3215609 A, US2013321111 AA, US2013126337 AA, US2010258435 AA, US2010065433 AA, US2009134017 AA, US2006213766 AA, US2004069640 AA, US2004000485 AA, GB1313298 A,

Forward Citations: WO16016406, WO14131946,

Abstract:

Source: US2015211136A The present invention relates to an electric current management (ECM) system and method comprising at least one electrolytic cell having at least two electrodes in contact with electrolyte media; a plurality of sensor means for measuring the current passing through one or more electrodes, said sensor means being located inside at least one ECM bar installed in one or more operating electrolytic cells; a support means for supporting at least one ECM bar in each cell; wherein the support means is adapted to avoid disruption to normal electrode movements and damage to the ECM bar. The present invention introduces improvements for minimizing the effects that several types of variables have on current measurement, such as magnetic field interference, cell geometry and contact configuration, in order to provide a reliable approximation of the current passing through each electrode. The present invention can be applied to real time monitoring of each cathode, or anode, constituting a metal electrowinning or electrorefining cell or other electrolytic cell.



0) US2014070708A – SOLAR LIGHTING APPARATUS AND SYSTEM THEREOF

123) Family number: 55977709 (US2014070708A)

© PatBase

Title: SOLAR LIGHTING APPARATUS AND SYSTEM THEREOF

Priority: US20120573399 20120912

Family:	Publication number	Publication date	Application number	Application date
	<u>US2014070708 AA</u>	20140313	US20120573399	20120912
	<u>US9222634 BB</u>	20151229	US20120573399	20120912

Probable Assignee: IP POWERS HOLDINGS LTD

Assignee(s):^(std): IP POWER HOLDINGS LTD ; IP POWERS HOLDINGS LTD ; ZHU SHOU QIANG

Inventor(s):^(std): ZHU SHOU QIANG

Agent(s): CHE YANG; LAW OFFICE OF MICHAEL CHEN

International class
(IPC 8-9): F21S9/03 F21V21/08 (Advanced/Invention);
F21S2/00 F21S6/00 F21V21/06 F21W131/10 F21W131/109
F21Y101/02 (Advanced/Non-invention)

CPC: F21S9/035 F21S2/00 F21S6/005 F21S9/032 F21V21/06 F21V21/0824 F21W2131/10
F21W2131/109 Y02B10/10 F21Y2115/10 Y02B20/72

US class: 1/1 315/152

[Classification Explorer](#)

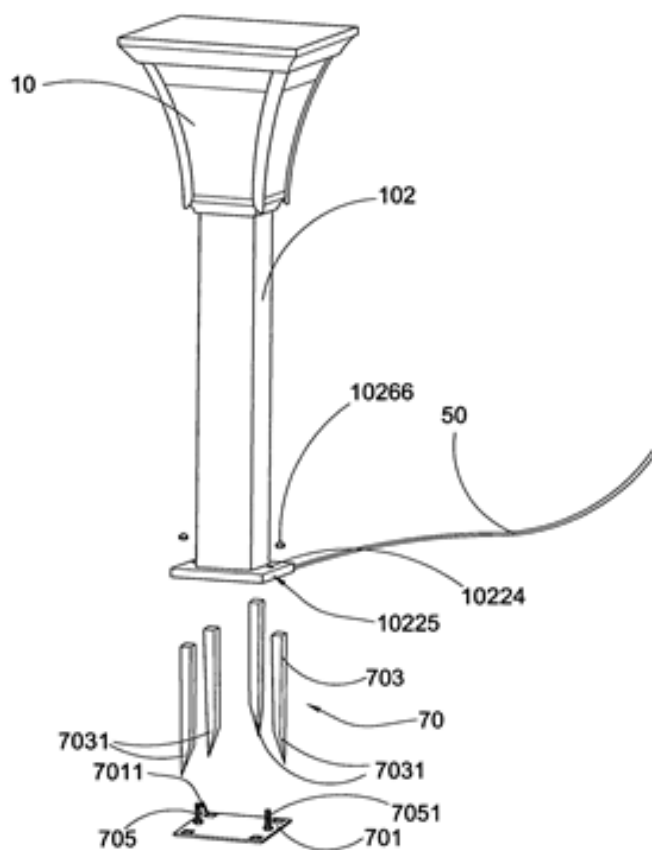
Cited documents: US8601750 BA, US7490964 BB, US6802630 BB, US5954426 A, US4793111 A, US2009090895 AA,

Forward Citations: CN105351873, CN104270859, CN104270859,

Abstract:

Source: US2014070708A A solar lighting apparatus and system, which is constructed into a street lamp, entrance lamp, garden lamp, nightlight, etc., includes a light emitting unit for providing illumination and a lighting apparatus body; a solar energy arrangement including a solar panel unit for light absorption and power supply; and a mounting plate; at least one ground supporting unit coupling with the mounting plate for securing the mounting plate onto a ground surface; and a light apparatus connecting unit provided through the mounting plate for firmly positioning the lighting apparatus, and a LED light control arrangement effectively controlling a power consumption in such a manner that the light emitting unit is arranged to being charged and discharged in a controlled manner and is protected against short circuit and overcharging, thereby maximizing power utilization, increasing lifespan and performance of the solar lighting apparatus.

PatBase - US9222634_BB



124) Family number: 56251941 (US2015280489A)

© PatBase

Title: HYBRID POWER SOURCE LIGHTING AND ENERGY MANAGEMENT SYSTEM FOR OPERATION IN HARSH AND/OR REMOTE LOCATIONS

Priority: US20120711671P 20121009 US20130434543 20131009 WO2013CA00865 20131009

Family:

Publication number	Publication date	Application number	Application date
CA2851391 AA	20140408	CA20132851391	20131009
CA2851391 C	20150414	CA20132851391	20131009
EP2907219 A1	20150819	EP20130846210	20131009
EP2907219 A4	20160406	EP20130846210	20131009
IN01323KN2015 A	20160115	IN2015KN01323	20150508
RU2015117552 A	20161210	RU20150117552	20131009
US2015280489 AA	20151001	US20130434543	20131009
WO14056086 A1	20140417	WO2013CA00865	20131009

Probable Assignee: HORIZON OILFIELD SOLUTIONS INC

Assignee(s):^(std): HORIZON OILFIELD SOLUTIONS INC

Assignee(s): HORIZON OILFIELD SOLUTIONS INC2-261106 WAGON WHEEL CRESCENTROCKYVIEWA1T4A 0E2CA ; CURLETT JOSHUA ; CURLETT JOSHUA23 SHERWOOD GROVE N.W.CALGARYA1T3R 1R3CA

Inventor(s):^(std): CURLETT JOSHUA

Inventor(s): CURLETT JOSHUA23 SHERWOOD GROVE N.W.CALGARYA1T3R 1R3CA

Agent(s): HICKS AND ASSOCIATES; LIPPERT STACHOW AND PARTNER; HICKS ANDREW

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [F21L13/00](#) [F21L4/00](#) [F21L4/08](#) [F21S9/03](#) [H02J7/00](#) [H02J7/14](#) [H02J7/35](#) [H02J9/00](#) [H02J9/06](#) [H02J9/08](#) [H05B33/08](#) [H05B37/02](#) (Advanced/Invention)

CPC: [H02J7/14](#) [H02J9/00](#) [H02J9/08](#) [H05B37/02](#) [Y02B10/72](#) [Y02E10/766](#) [H02J9/06](#) [H02J7/007](#) [H02J7/1415](#) [H05B37/0218](#) [H05B33/0845](#) [F21L13/00](#) [F21L4/08](#) [H02J7/35](#) [H05B33/0803](#) [Y10T307/625](#)

US class: [307/66](#)

[Classification Explorer](#)

Cited documents: WO12050462 A2, US6805462 BA, US5806963 A, US2013099576 AA, US2013015783 AA, US2012209463 AA, US2012201016 AA, US2012193988 AA, US2012056436 AA, US2010039792 AA, US2009071178 AA, US2008066724 AA, GB2445656 A1, GB2434928 A1,

Forward Citations: WO17072526, WO17031586, WO16185034, WO16120699, US9634497, US9568171, US2016345399, US2016033095, US2015340885,

Abstract:

Source: US2015280489A The invention relates to a portable, skid mounted, wheeled and/or collapsible hybrid-power lighting and energy management system for harsh, remote and/or high latitude locations. The system combines an internal combustion engine (ICE) power source with a control system for providing power to light system. The system may also include a battery storage system, an ICE heating system and/or renewable solar and/or wind power systems in a manner that improves efficiency and reliability of operation in such locations, while preserving and improving functionality of operation and significantly reducing operator interaction during set-up and operation.

PatBase - W014056086_A1

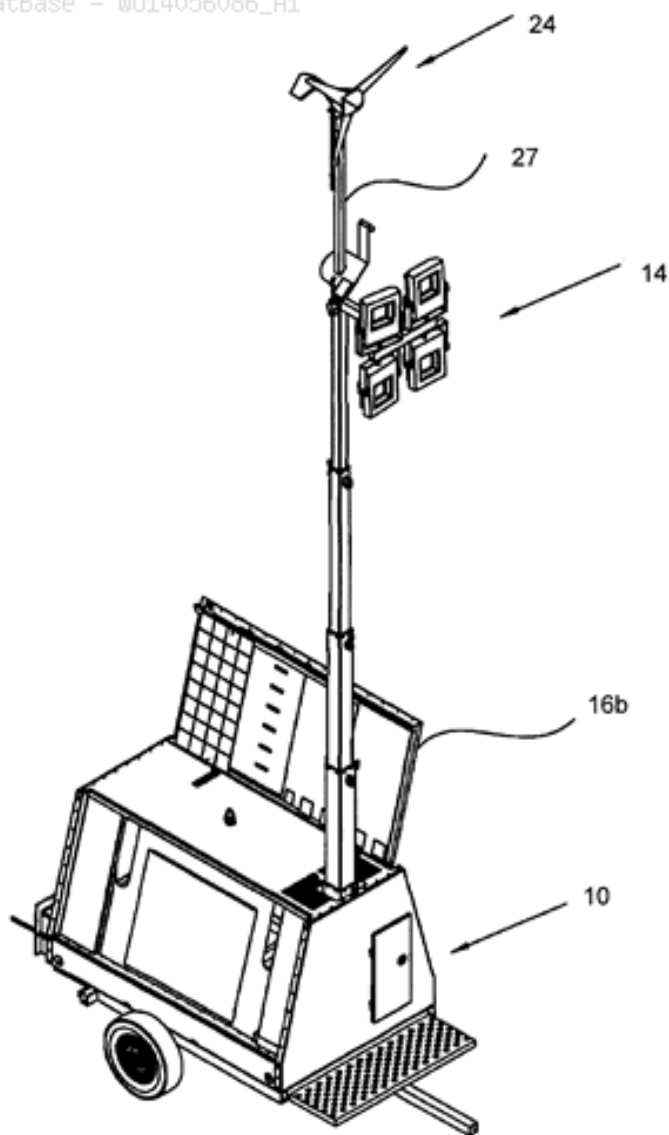


FIGURE 4B

125) Family number: 57133545 (MX2012012431A)

© PatBase

Title: MODULAR PORTABLE STRUCTURE FOR PURIFYING WASTEWATER USING SOLAR ENERGY.**Priority:** MX20120012431 20121012

Family:	Publication number	Publication date	Application number	Application date
	<u>MX2012012431 A1</u>	20140424	MX20120012431	20121012

Probable Assignee: VILLARREAL JONATHAN ANCONA**Assignee(s):^(std):** VILLARREAL JONATHAN ANCONA**Assignee(s):** JONATHAN ANCONA VILLARREAL**Inventor(s):^(std):** SANTOSCOY SARA REBECA VILLARREAL ; VILLARREAL JONATHAN ANCONA**Inventor(s):** JONATHAN ANCONA VILLARREAL ; SARA REBECA VILLARREAL SANTOSCOY**International class** C02F1/14 C02F1/18 F24J2/42 (Advanced/Invention);
(IPC 8-9): C02F9/00 (Core/Invention)**CPC:** Y02E10/40[Classification Explorer](#)**Abstract:**

The present invention is related to a modular structure, but more particularly to a portable structure of the metallic cart type formed by a metallic structure in two levels, which contains wheels for transporting a wastewater purification system using solar energy. This invention presents a modular structure of the type of an independent, mobile, compact, portable and light cart. The purpose of the invention is to provide a mobile system for purifying wastewater, which due to the highly polluting characteristics is subjected to a pre-treatment based on a coagulant and flocculant substance actuated by solar energy using solar panels and batteries, which is intended for use in urban and remote zones. Another purpose of the invention is to provide a mobile system with a capacity enough to supply a community with an arrangement able to optimize the use of the solar panels in order to obtain an affordable system for purifying water. An arrangement is used for transporting the water in two stages by gravity, where the use of pumping energy is optimized, therefore optimizing the capacity of the solar panels and batteries as well. A flexible hose is included which end portion has a metallic mesh for stopping foreign objects, the wastewater being sucked upon actuating the pump and then a dose of coagulant substance being added, a helical agitator being used for agitating the water and distributing the same in a uniform manner. The sludge resulting from the coagulation-flocculation is decanted by gravity, the clarified water being also discharged by gravity to the granular filters based on sands and activated carbon filter, thus achieving the separation of particles of up to 5 microns. The pre-filtered water is discharged by gravity to a tank located in the lower portion of the metallic cart, from there the water being transported by the pressure

PatBase - MX2012012431_A1

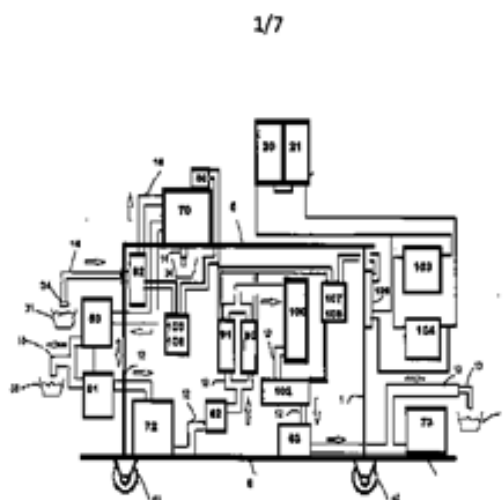


Figura 1

pumps to a polishing filter and then to the reverse osmosis membrane, the water being irradiated by ultraviolet light for removing bacteria, obtaining purified water for human consumption. The invention also includes the arrangement of granular filters for washing the modular structure in situ, for an optimum use of the invention.

0) US2014130426A – INTEGRATED SOLAR, DAYLIGHT AND NIGHT COOLING SY...

126) Family number: 56436822 (US2014130426A)

© PatBase

Title: INTEGRATED SOLAR, DAYLIGHT AND NIGHT COOLING SYSTEM

Priority: US20120796523P 20121113 US20130998568 20131112

Family:	Publication number	Publication date	Application number	Application date
	<u>US2014130426 AA</u>	20140515	US20130998568	20131112
	<u>US8938921 BB</u>	20150127	US20130998568	20131112

Probable Assignee: HARTMAN PAUL H

Assignee(s):^(std): HARTMAN PAUL H

Inventor(s):^(std): HARTMAN PAUL H

International class E04C2/52 E04F13/08 F24J2/46 (Advanced/Invention)
(IPC 8-9).

CPC: E04C2/525 Y02E10/40 Y02B10/20 F24J2/045 F25B23/003 F24F2005/0064 Y02B10/24 Y02E10/44

US class: 454/199 454/200 454/221 52/173.3 52/200 52/204.5 52/302.1 52/302.3 52/98

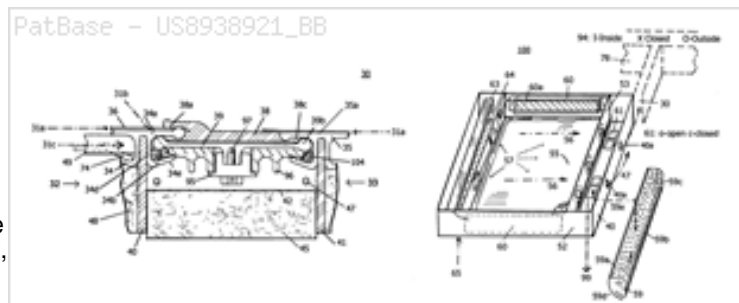
[Classification Explorer](#)

Cited documents: USRE33720 E, US8824051 BB, US8813460 BB, US8726586 BA, US8701362 BB, US8567133 BB, US8122666 BB, US8068282 BA, US7954281 BB, US7028685 BA, US6959520 BB, US6695692 BA, US6630622 BB, US6142645 A, US6014845 A, US5953869 A, US5617682 A, US5435780 A, US5134827 A, US5062247 A, US4730552 A, US4577619 A, US4468899 A, US4440342 A, US4307286 A, US4054246 A, US3994276 A, US2031328 A, US2013091792 AA, US2012096781 AA, US2011203196 AA, US2008263972 AA, US2007151169 AA, US2004123550 AA, US2002112435 AA,

Forward Citations: WO16026497, US9598867, US9377339, US2016079909, US2014076045,

Abstract:

Source: US2014130426A The invention consists of an improved heat exchange conduit formed between pre-fabricated building panels and a daylighting section integral within pre-fabricated, structural panels. The daylighting section has the capability to take ceiling air (or air below free-standing arrays) and either return it to the building during heating months, reject the heat, or shunt it for other uses after being warmed through a dual pane glazing assembly with infrared rejection. During summer days, this allows for dramatic reduction in building cooling demand. Heat exchange surfaces within the conduit are thermally tied to the exterior components of the panels to allow heating by solar insolation or cooling to night sky or air. An advanced insulation system adds to thermal performance and sealed insulation cavities prevent moisture degradation of R-Values. Passage through the heat exchange conduit allows for active whole roof solar collection in spring/fall and night cooling capability during summer night operation.



127) Family number: 56489087 (WO14077676A1)

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Title: LIGHTING UNIT FOR STREET FURNITURE**Priority:** NL20121039900 20121115**Family:**

Publication number	Publication date	Application number	Application date
NL1039900 C	20140519	NL20121039900	20121115
<u>WO14077676 A1</u>	20140522	WO2013NL00054	20131114

Probable Assignee: ROADLED BV**Assignee(s):^(std):** ROADLED BV**Inventor(s):^(std):** STARRE AAD ; STARRE ADRIAAN VAN D**Agent(s):** VAN DOKKUM WILLEM GERARD THEODOOR

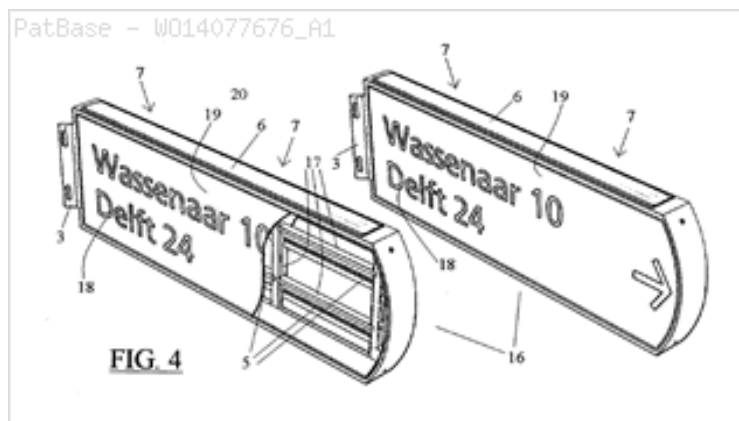
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class F21S8/08 F21S9/03 G09F13/22 G09F27/00 (Advanced/Invention)
(IPC 8-9).

CPC: G09F13/22 F21S8/085 F21S9/037 G09F27/005 G09F27/007 G09F2013/222 F21V23/045 F21W2131/103 F21Y2115/10 Y02B20/72

[Classification Explorer](#)**Cited documents:** US7585085 BA, US2012206277 AA, US2011252678 AA, US2011096536 AA,**Abstract:**

Light module for a street furniture, like a lighting lamp or road sign (16), comprising a housing with connecting means (3) for providing a connection with a frame or any other attachment point, one or more LED light sources (5), and an electric power supply. The power supply comprises one or more photovoltaic solar collectors (6), arranged for converting ambient light (7) into electric energy. Furthermore a buffer medium is provided such as batteries, and control means for storing at least a portion of the energy produced by the solar collectors (6) into the buffer medium. The control means are further arranged to supply electric energy, inside or outside of one or more time slots, dependent on the luminous intensity, to the light sources (5). Via a wireless interface, the light module can be remotely operated and/or read.



0) WO14094081A3 – STORE OR THE LIKE WITH MEANS FOR COLLECTING AND...

128) Family number: 56775294 (WO14094081A3)

© PatBase

Title: STORE OR THE LIKE WITH MEANS FOR COLLECTING AND TRANSMITTING LIGHT INTO INDOOR ENVIRONMENTS IN GENERAL

Priority: WO2012BR00523 20121218

Family:	Publication number	Publication date	Application number	Application date
	<u>WO14094081 A2</u>	20140626	WO2012BR00523	20121218
	<u>WO14094081 A3</u>	20140828	WO2012BR00523	20121218

Probable Assignee: JANAINA RAMOS CARNEIRO SILVA

Assignee(s):^(std): JANAINA RAMOS CARNEIRO SILVA

Inventor(s):^(std): JANAINA RAMOS CARNEIRO SILVA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): E06B9/26 F21S9/03 H01L31/042 (Advanced/Invention);
F21Y101/02 (Advanced/Non-invention)

CPC: F21V33/006 E06B9/40 E06B2009/2458 E06B2009/247 E06B2009/2476 F21V23/0435 G09F11/23 G09F9/301 F21S9/037 F21Y2115/10

[Classification Explorer](#)

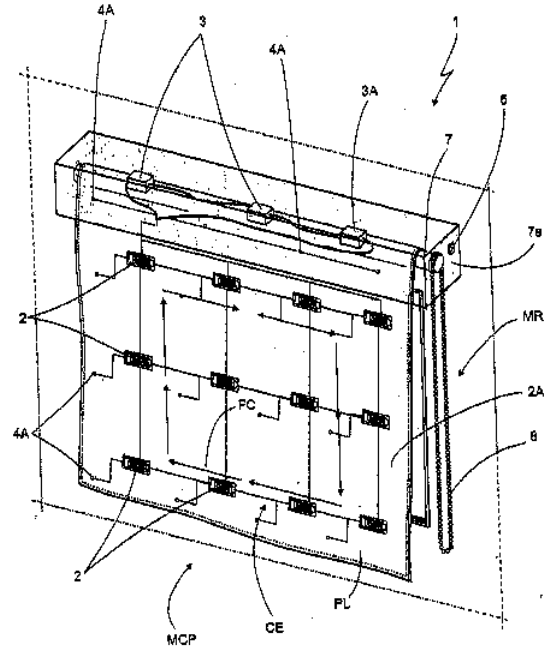
Cited documents: US2010182775 AA, KR20080093530 A, GB2455753 A1, DE10015881 A1,

Forward Citations: WO17052482,

Abstract:

A store or the like is disclosed having means for collecting and transmitting light into indoor environments in general, more particularly a store (1) with a means (MCP) for collecting and transmitting light (L) that comprises at least two separate sheets (F1)/(F2) that form a flexible slat (PL) of a store (1) or the like, a first plurality of flexible photovoltaic cells (2) connected to energy accumulators (3) being arranged between said sheets (F1)/(F2), the energy accumulators feeding in turn a second plurality of light transmitters (4) which are switched on or off by switching means, such as a manual on/off switch (5) or a remote control connected to the electric circuit (CE) that interconnects the energy accumulator (3A) and LEDs (4A); the photovoltaic cells (2) are electrically connected and assembled so as to form a semiconductor net (2A) with a semiconductor material that absorbs the incident (I) solar light (SL); each photovoltaic cell (2) is provided on both surfaces (2b and 2c) with metal contacts (6) that carry away the current flow (FC) developed by electric fields that force free electrons to flow in one direction.

FIG. 1



129) Family number: 56828131 (WO14102797A1)

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Title: DISTRIBUTED BUSINESS INTELLIGENCE SYSTEM AND METHOD OF OPERATION THEREOF**Priority:** US20120747314P 20121230

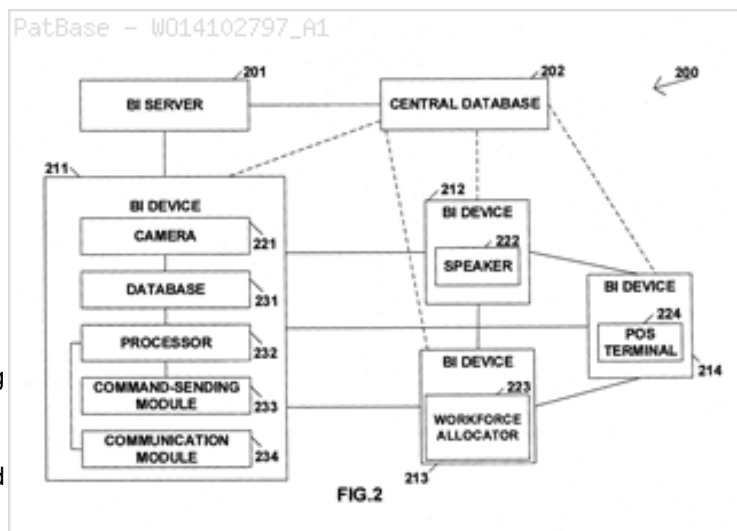
Family:	Publication number	Publication date	Application number	Application date
	WO14102797 A1	20140703	WO2013IL51080	20131230

Probable Assignee: WISEYE VIDEO SYSTEM LTD**Assignee(s):^(std):** WISEYE VIDEO SYSTEM LTD**Inventor(s):^(std):** NAKDIMON SHALOM**Agent(s):** SHEM TOV DORIT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class G06Q10/06 G08B13/196 (Advanced/Invention)
(IPC 8-9):**CPC:** G07C2011/04 G07C11/00[Classification Explorer](#)**Cited documents:** WO06087730 A1, US5097328 A, US2008249859 AA, US2007279214 AA,**Forward Citations:** WO16187648, WO16183302,**Abstract:**

A distributed Business Intelligence (BI) system and method in a store is disclosed. The system includes multiple BI devices interconnected over one or more networks. Each BI device includes a sensor for capturing data, and a BI insight is generated based on analysis of the captured data, such as counting people in a queue at the Point-of-Sale (PoS). The BI insight triggers a BI command sent to a BI device having an actuator, for generating an action in response to the BI command. The sensor may be a microphone or a video camera, and the system may include voice or image processing (such as video analytics) for generating the BI insight. A redundancy may be used by using multiple sensors or actuators, or by using multiple data paths. The network may be wired or wireless, and may be BAN, PAN, LAN, or WAN.



130) Family number: 57135355 (US2014215702A)

© PatBase

Title: TRANSPORTABLE RESTROOM**Priority:** US20130759803 20130205**Family:**

Publication number	Publication date	Application number	Application date
<u>US2014215702 AA</u>	20140807	US20130759803	20130205
<u>US9340963 BB</u>	20160517	US20130759803	20130205
<u>WO14123853 A1</u>	20140814	WO2014US14585	20140204

Probable Assignee: ITO BERTRAM Y**Assignee(s):^(std):** ITO BERTRAM Y**Inventor(s):^(std):** ITO BERTRAM Y ; PE A JESUS J ; PENA JESUS J**Agent(s):** SHLESINGER ARKWRIGHT AND GARVEY LLP; DE LEON JOSEFINO P

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class E03D1/00 E03D7/00 E04H1/12 (Advanced/Invention)
(IPC 8-9):

CPC: E03D7/00 E04H1/1266**US class:** 1/1 4/321[Classification Explorer](#)

Cited documents: USRE42688 E, US8904571 BB, US8276218 BB, US8230531 BB, US8176577 BB, US7861331 BB, US7765625 BB, US7373757 BB, US7293298 BB, US6871361 BB, US6804840 BB, US6507958 BA, US6438902 BA, US6430757 BA, US6327719 BA, US6189161 BA, US6164214 A, US6158061 A, US5875499 A, US5560050 A, US5513395 A, US5500960 A, US5398465 A, US5363510 A, US5318275 A, US5073994 A, US5060320 A, US5056166 A, US5031249 A, US4974899 A, US4944048 A, US4922557 A, US4908885 A, US4892349 A, US4888832 A, US4805660 A, US4776631 A, US4761840 A, US4305164 A, US4185337 A, US4163294 A, US4031572 A, US3949430 A, US2014143945 AA, US2013167293 AA, US2012167297 AA, US2011030802 AA, US2009100585 AA, US2008184471 AA, US2007163036 AA, US2006277675 AA, US2005241055 AA, US2003024191 AA, JP7292750 A2,

Forward Citations: WO16078682, US9605424, US2013167293,

Abstract:

Source: US2014215702A A transportable restroom comprises a skid; a clean water tank and a waste water tank disposed on the skid, the clean water tank and said waste water tank being joined together to form a base; walls extending from the base including a door; roof supported by the walls; and a toilet disposed over the waste water tank.

PatBase - W014123853_A1

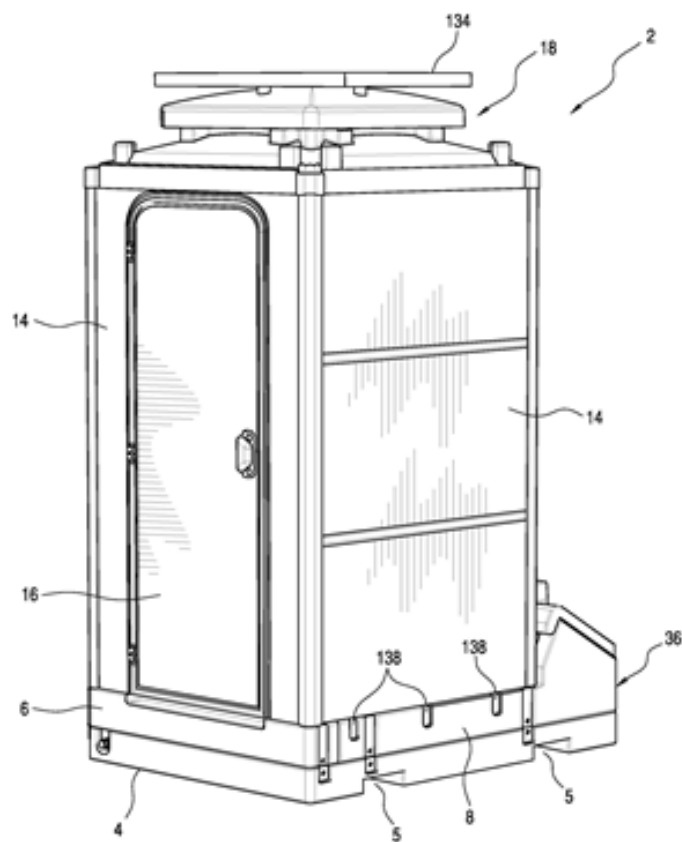


FIG. 1

Title: NIGHT SHOES–WEARING LAMP**Priority:** CN201410282218 20140623

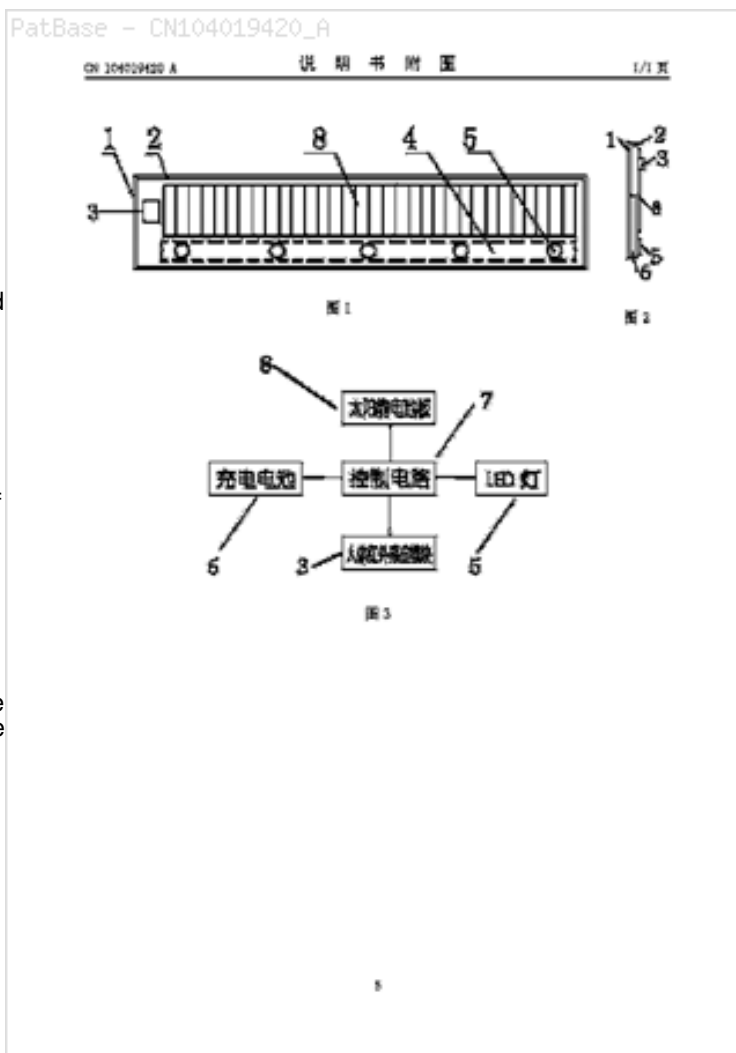
Family:	Publication number	Publication date	Application number	Application date
	CN104019420 A	20140903	CN201410282218	20140623

Probable Assignee: LIN HUIYU**Assignee(s):**^(std): LIN HUIYU**Inventor(s):**^(std): LIN HUIYU ; LIN LITIAN

International class F21S9/03 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21Y101/02 F21Y115/10 (Advanced/Non-invention)

[Classification Explorer](#)**Abstract:**

Source: CN104019420A The invention provides a night shoes–wearing lamp which is stuck at a proper position of the lower part of a bed body. The night shoes–wearing lamp comprises a flat shell, wherein a back rubber layer is arranged on one surface of the shell, and a lamp belt, a human body infrared sensing module and a solar panel are arranged on the other surface of the shell; rechargeable batteries and a control circuit are arranged in the shell. The human body infrared sensing module transfers a received human body infrared signal to the control circuit, the control circuit judges whether a person is in front of the night shoes–wearing lamp according to the strength of the signal, and meanwhile the control circuit determines that whether the current time is daytime or night according to voltage change of the two ends of the solar panel. During the daytime, an LED lamp is turned off. At night, the LED lamp is turned on, and the person can easily find the position of shoes. The control circuit is arranged as required for controlling the turning–on time of the LED lamp. When the night shoes–wearing lamp is used at night for wearing shoes, the lamplight cannot dazzle the person. The night shoes–wearing lamp has the advantages of easiness in mounting, convenience, practicality, environmental protection and energy conservation.



132) Family number: 57435357 (CH707738B)

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Title: BEGEHBARE PHOTOVOLTAIK–BODENBELAGSANORDNUNG ZUR ELEKTRIZITAETS–NETZEINSPEISUNG OHNE BATTERIE.

Priority: CH20130000563 20130309

Family:	Publication number	Publication date	Application number	Application date
	<u>CH707738 A2</u>	20140915	CH20130000563	20130309
	<u>CH707738 B1</u>	20150814	CH20130000563	20130309

Probable Assignee: WEINGARTNER MARKUS

Assignee(s):^(std): WEINGARTNER MARKUS

Assignee(s): MARKUS WEINGARTNER

Inventor(s):^(std): WEINGARTNER MARKUS

Inventor(s): MARKUS WEINGARTNER

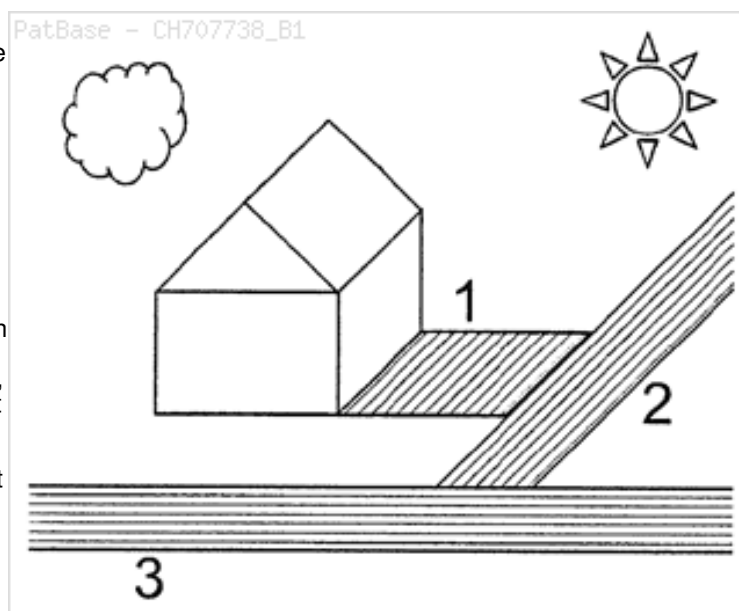
International class E01C15/00 E01C9/00 E04F15/02 H01L31/048 H01L31/05 (Advanced/Invention)
(IPC 8–9).

CPC: E01C5/22 E01C9/00 H02S20/10 H02S40/32 H02S40/425 E04F15/02183 E04F15/082 E04F2015/021 E04F2201/0107 E04F2203/026 E04F2203/04 F24J2/0438 F24J2002/467 F24J2002/4687 E04F15/02172 Y02B10/20

[Classification Explorer](#)

Abstract:

Source: CH707738B Die Erfindung betrifft eine begeh- und befahrbare Bodenbelagsanordnung, die solare Strahlung in elektrische Energie umwandelt und in das Wechselstromnetz einspeist. Da konventionelle Solarmodule typischerweise nur fuer die Stromerzeugung einsetzbar sind, basiert die vorliegende Erfindung auf speziell verstaerkt ausgefuehrten Solarmodulen, die einen Einbau in eine Bodenbelagsanordnung erlauben. Durch diese Erfindung kann die Photovoltaik nicht nur auf Daechern, Fassaden und im Freiland, sondern auch auf Gartensitzplaetzen (1), begehbaren Daechern, Plaetzen, Wegen (2), Strassen (3) etc. genutzt werden. Damit kann die erfindungsgemaesse Bodenbelagsanordnung von Fussgaengern, Zweiraedern und Autos benutzt werden. Damit ist die Nutzung der Photovoltaik vor allem in urbanen Gebieten groesser als vorher. Die Bodenbelagsanordnung ist mechanisch sehr stabil und kann rutschfest, kratzfest, durch Regen selbstreinigend und gegen Diebstahl gesichert ausgefuehrt sein. Durch eine geeignete elektrische Verschaltung ist sichergestellt, dass auch bei teilweiser Beschattung der Solarmodule eine hohe Leistung geliefert wird.



Title: SOLAR POWER SUPPLY SYSTEM

Priority: US20130781094P 20130314

Family:	Publication number	Publication date	Application number	Application date
	WO14140962 A1	20140918	WO2014IB58965	20140213

Probable Assignee: KONINKL PHILIPS NV

Assignee(s):^(std): KONINKL PHILIPS NV

Assignee(s): PHILIPS KONINKLL NV

Inventor(s):(std): KAAG BJORN CHRISTIAAN WOUTER

Agent(s): KROEZE PETER ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH
CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE
GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ
LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MY MZ
NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG
SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA
ZM ZW

International class H01M16/00 H01M8/00 H02J3/38 (Advanced/Invention)
(IPC 8-9).

CPC: H02J3/387 H02J3/383 Y02E10/563 H01M8/0656 H01M14/005 H01M16/003
H01M2250/402 Y02B90/12

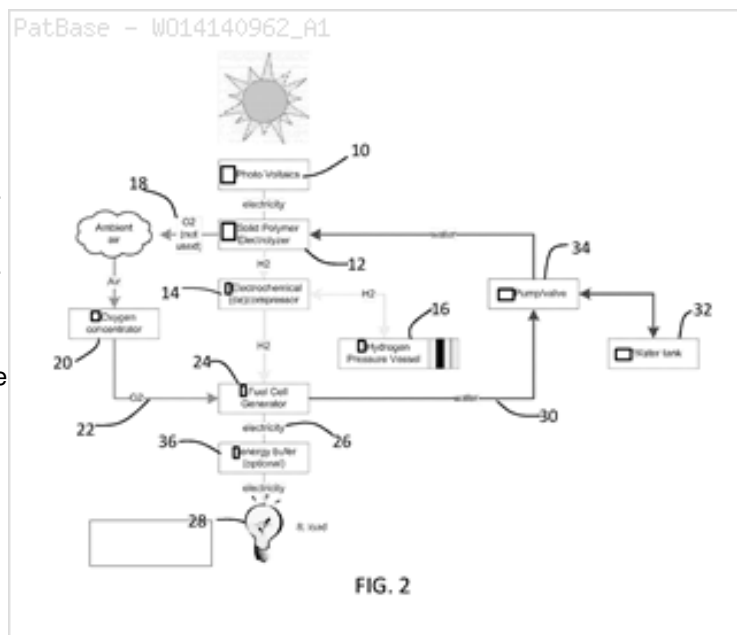
Classification Explorer

Cited documents: WO12043528 A1, WO10093240 A1, WO10092175 A1, WO07052960 A1, US2011276269 AA, US2009048716 AA, US2003047209 AA, EP2624404 A1, EP2293410 A2, EP1975279 A1.

DE102011081169 A1

Abstract:

The invention provides a power supply system comprising a solar panel for generating electricity and a fuel cell for supplying electricity to a load. The fuel cell is regenerated using the electricity generated by the solar panel. This regeneration is based on supply and demand data for at least a full year cycle. In this way, an energy shift method is used to create an energy efficient system to store summer surplus energy, for either longer endurance or even over the winter. This fuel cell system can for example break the geographical barrier for off grid street lighting system with high light output by downsizing the photo-voltaics while upsizing energy storage, thereby reducing cost compared to battery driven systems.



Title: NIGHTTIME SHOE WEARING LAMP**Priority:** CN201420335895U 20140623

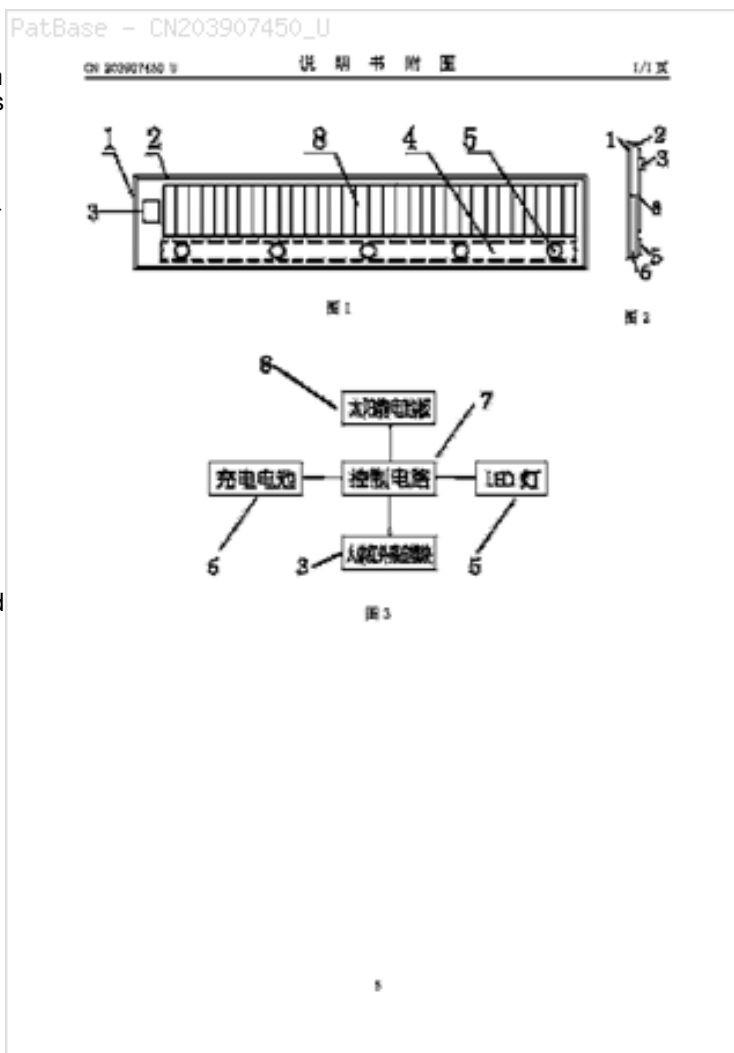
Family:	Publication number	Publication date	Application number	Application date
	CN203907450 U	20141029	CN201420335895U	20140623

Probable Assignee: LIN HUIYU**Assignee(s):**^(std): LIN HUIYU**Inventor(s):**^(std): LIN HUIYU ; LIN LITIAN

International class F21S9/03 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21Y101/02 (Advanced/Non-invention)

[Classification Explorer](#)**Abstract:**

Source: CN203907450U The utility model provides a nighttime shoe wearing lamp, which provides convenience for wearing shoes and is pasted in a proper position at the lower part of a bed body. The nighttime shoe wearing lamp comprises a flat casing, wherein one side of the casing is provided with a back glue layer, a lamp belt, a human body infrared sensing module and a solar panel are arranged on the other side of the casing, and a rechargeable battery and a control circuit are arranged inside the casing. The human body infrared sensing module transmits received human body infrared signals to the control circuit, the control circuit judges whether a user is in front of the nighttime shoe wearing lamp or not according to signal intensity, and meanwhile, the control circuit determines whether the time is daytime or night according to the change of voltage at two ends of the solar panel. During the daytime, an LED lamp is not illuminated. During the night, the LED lamp is illuminated, the positions of shoes can be easily found, and the control circuit can be set according to requirements for controlling the illumination time of the LED lamp. When the nighttime shoe wearing lamp is used at night for shoe wearing, the light is not dazzling, in addition, the installation is simple, convenience and practicality are realized, the environment is protected, and the energy is saved.



135) Family number: 57931961 (FR3006083A)

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Title: DISPOSITIF DE SIGNALISATION RFID POUR NON-VOYANTS RFID DEVICE SIGNAL FOR BLIND (Machine translation)

Priority: FR20130001184 20130524

Family:	Publication number	Publication date	Application number	Application date
	<u>FR3006083 A1</u>	20141128	FR20130001184	20130524

Probable Assignee: DE CANECAUDE EMMANUEL

Assignee(s):^(std): DE CANECAUDE EMMANUEL

Assignee(s): EMMANUEL DE CANECAUDE

Inventor(s):^(std): DE CANECAUDE EMMANUEL

Inventor(s): EMMANUEL DE CANECAUDE

Agent(s): EMMANUEL DE CANECAUDE

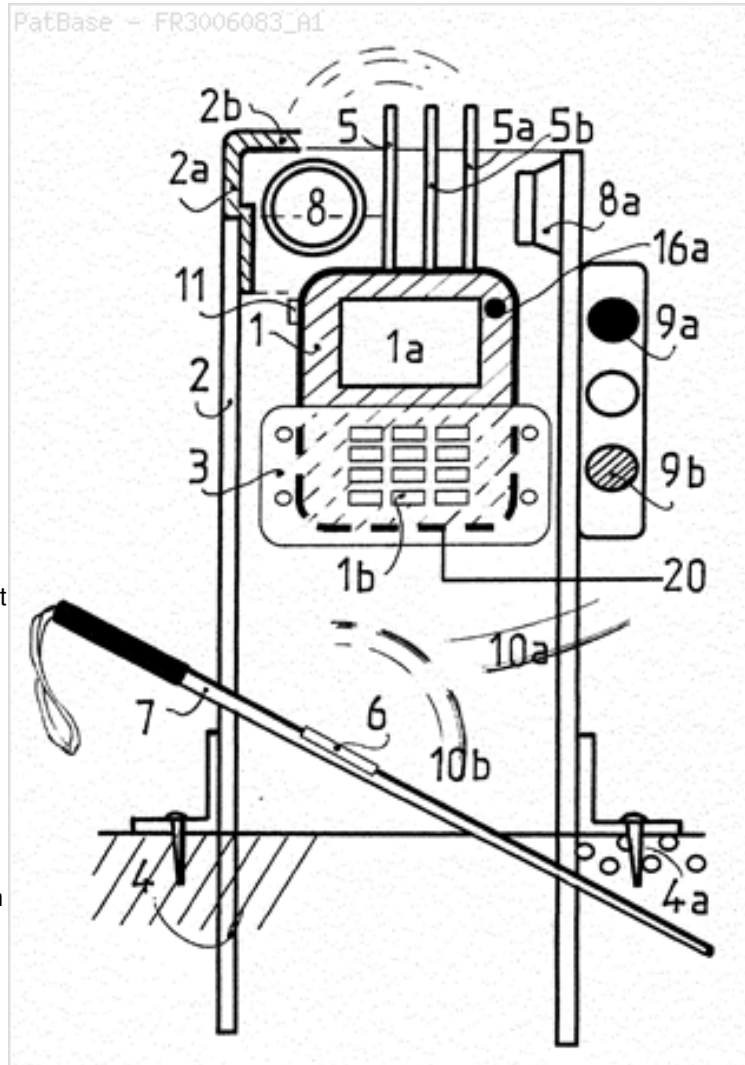
International class G06K17/00 G09B21/00 (Advanced/Invention)
(IPC 8-9):

CPC: A61H3/061 A61H2201/5058 A61H2201/5097 G09B21/003

[Classification Explorer](#)

Cited documents: WO09001991 A1, WO06045819 A2, US2006217874 AA, EP2546171 A1,

voice Seeing with respect to the antenna RFID tag. The RFID tag is compatible with traditional remote controls for Non-LEDs, they can trigger messages to all speakers fires RFID



136) Family number: 57990376 (US2016126491A)

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Title: METHOD FOR PRODUCING AN OPTICAL MODULE**Priority:** DE201310210668 20130607 WO2014EP61788 20140606

Family:	Publication number	Publication date	Application number	Application date
	<u>DE102013210668 A1</u>	20141211	DE201310210668	20130607
	<u>EP3003672 A1</u>	20160413	EP20140728951	20140606
	<u>US2016126491 AA</u>	20160505	US20140896314	20140606
	<u>WO14195444 A1</u>	20141211	WO2014EP61788	20140606

Probable Assignee: WURTH ELEKTRONIK GMBH AND CO KG**Assignee(s):^(std):** WUERTH ELEKTRONIK GMBH AND CO KG**Assignee(s):** WURTH ELEKTRONIK GMBH AND CO KG**Inventor(s):^(std):** KOSTELNIK JAN ; WOLF JUERGEN**Agent(s):** RICHARDT PATENTANWAELTE PARTG MBB

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): B29C43/00 H01L21/50 H01L23/00 H01L25/075 H01L31/00 H01L31/02 H01L31/0203 H01L31/048 H01L31/05 H01L31/18 H01L33/38 H01L33/48 H01L33/52 H01L33/56 H01L33/62 H01L51/00 H01L51/50 H01L51/52 H01L51/56 H01S5/00 H01S5/022 H05K1/02 H05K1/14 H05K1/18 H05K3/30 H05K3/32 H05K3/46 (Advanced/Invention)

CPC: H01L51/5237 H01L51/0022 H01L31/1884 H01L31/05 H01L51/56 H01L2251/5369 H01L2933/0066 H01L31/0203 H01L31/048 H01L33/56 H01L33/62 H01L51/5203 H01L2933/0033 H01L2933/005 H01L24/19 H01L31/02005 H01L31/02008 H01L51/524 H01L2924/12044 H05K1/0274 H05K1/144 H05K1/185 H05K3/4644 H05K2201/0108 H05K2201/10106 H05K2201/10121 Y02E10/50

US class: 438/28 438/66[Classification Explorer](#)

Cited documents: WO13174418 A1, WO10089081 A1, US8933473 BA, US7622367 BA, US6372608 BA, US5866949 A, US5105430 A, US2015041845 AA, US2012319152 AA, US2010133564 AA, US2010072500 AA, US2009250106 AA, US2009160043 AA, US2009093088 AA, US2009065590 AA, US2009057875 AA, US2007104917 AA, DE19953160 B4, DE19544980 A1, DE10353679 A1,

DE102007044446 A1

DE102007007847 A1

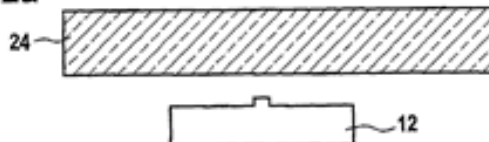
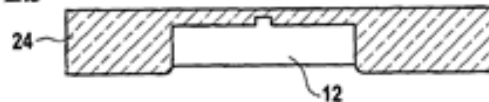
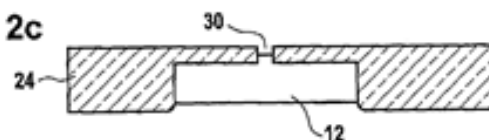
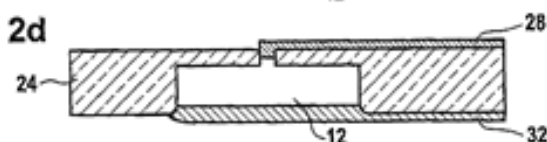
DE102007004304 A1

Forward Citations: DE102015105823,

Abstract:

Source: US2016126491A The invention relates to a method for producing an optical module, comprising the following steps: a) providing a chip having an optical element integrated in the chip, wherein the optical element has a first electrode and a second electrode, and wherein the chip has a first connection contact for the first electrode and a second connection contact for the second electrode, such that an operating voltage for the optical element can be applied between the first connection contact and the second connection contact, and wherein the chip has an optically active side, which is designed to emit and/or to receive radiation; b) connecting the chip to a film, such that the film completely covers the optically active side of the chip, wherein the film is a film made from acrylate, polyarylate, or polyurethane, wherein the film, at least in the region located above the optically active side, is transparent to radiation which, when operating voltage is applied, can be emitted or received by the optical element; c) contacting the first connection contact of the chip by means of a conducting track arranged on the film and contacting the second connection contact by means of an additional conducting track.

PatBase - W014195444_A1

Fig. 2a**Fig. 2b****Fig. 2c****Fig. 2d**

0) US2016134124A – POWER SUPPLY SYSTEM USING A FUEL CELL, CONTROLL...

137) Family number: 58123783 (US2016134124A)

© PatBase

Title: POWER SUPPLY SYSTEM USING A FUEL CELL, CONTROLLER FOR THE SAME AND CONTROL METHOD

Priority: EP20130172457 20130618 EP20140159012 20140312 WO2014EP61471 20140603
EP20140727557 20140603

Family:	Publication number	Publication date	Application number	Application date
	CN105284026 A	20160127	CN201480034999	20140603
	EP3011631 A2	20160427	EP20140727557	20140603
	IN201647000397 A	20160701	IN201647000397	20160105
	US2016134124 AA	20160512	US20140896756	20140603
	WO14202381 A2	20141224	WO2014EP61471	20140603
	WO14202381 A3	20151119	WO2014EP61471	20140603

Probable Assignee: PHILIPS LIGHTING HOLDING BV

Assignee(s):^(std) KONINKL PHILIPS NV

Assignee(s): PHILIPS KONINKLL NV ; PHILIPS LIGHTING HOLDING BV

Inventor(s):^(std) KLEE MAREIKE ; KAAG BJORN CHRISTIAAN WOUTER ; HILBIG RAINER

Agent(s): VAN EEUWIJK ALEXANDER HENRICUS WALTHERUS; COOPS PETER ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
^{(IPC 8-9):} [H01M10/46](#) [H01M16/00](#) [H01M8/0656](#) [H02J1/00](#) [H02J4/00](#) [H02J7/00](#)
[H05B37/02](#) (Advanced/Invention)

CPC: [H02J7/34](#) [H02J2001/004](#) [H02J4/00](#) [H05B37/0218](#) [H01M8/0656](#) [H01M16/006](#) [H01M10/46](#)
[H01M2250/10](#) [H01M2220/10](#) [H02J1/00](#) [H02J7/0068](#) [Y02B90/14](#)

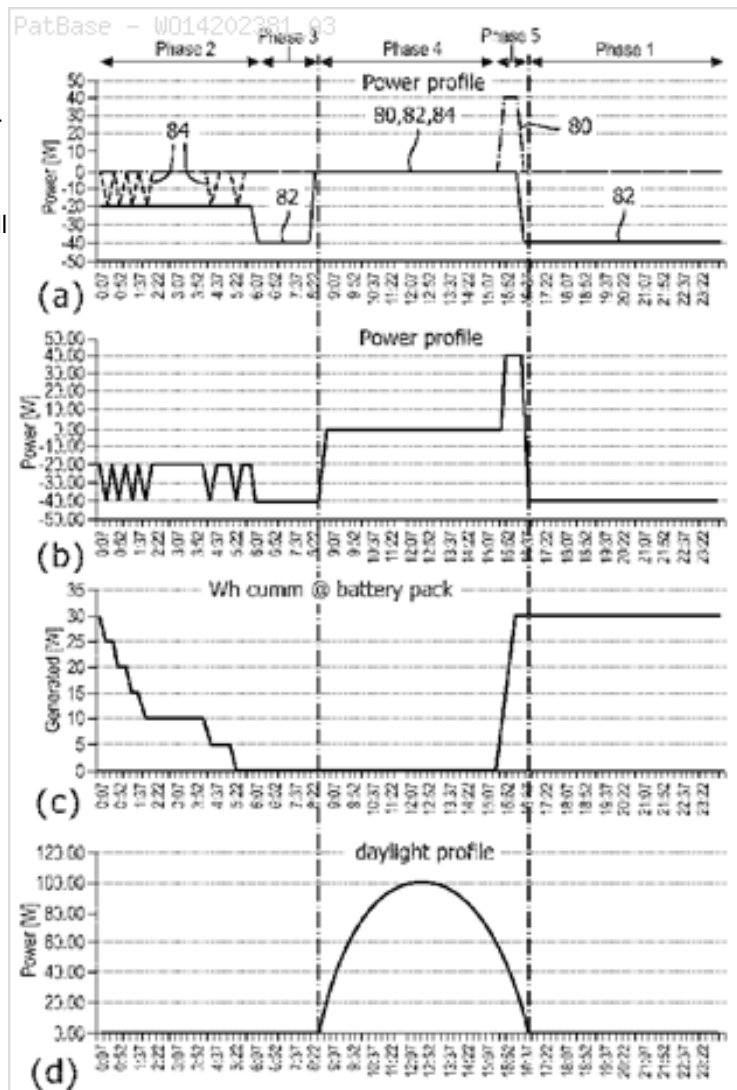
US class: [307/20](#) [307/80](#)

[Classification Explorer](#)

Cited documents: WO02097909 A1, US2012080944 AA, US2011139299 AA, JP2002369413 A2, EP2590256 A1, EP1975279 A1, CN103025028 A,

Abstract:

Source: US2016134124A A power supply system comprises a fuel cell and a battery, each for supplying electrical power to a load. The system is controlled to use the fuel cell for a first period of time (82) to supply electrical power to the load, wherein the power demand is constant over a first time period (82). The battery is used simultaneously with the fuel cell for a second supply time of electrical power to the load, wherein the power varies (84). In this way, fluctuating output is provided by the battery, and the fuel cell output is maintained as constant as possible to prolong the lifetime. During the second supply time, the power to the load (80) can be provided as a constant contribution from the fuel cell and a variable contribution from the battery.

**FIG. 8**

Title: IMAGE MAKING MEDIUM**Priority:** US20040567022P 20040430 US20050118975 20050428

Publication number	Publication date	Application number	Application date
<u>US8921473 BA</u>	20141230	US20050118975	20050428

Probable Assignee: HYMAN SYDNEY**Assignee(s):^(std):** HYMAN SYDNEY**Inventor(s):^(std):** HYMAN SYDNEY**Agent(s):** WINSTON AND STRAWN LLP**International class** C08K3/34 (Advanced/Invention)
(IPC 8-9):**CPC:** B41M5/00 C08K3/04**US class:** 423/445R 524/445 524/495 524/496[Classification Explorer](#)**Cited documents:** WO9116143 A1, US8669325 BA, US6949237 BB, US6248457 BA, US5725990 A, US5674579 A, US5532053 A, US5523167 A, US5512620 A, US5241006 A, US5102597 A, US4935275 A, US4578294 A, US4551493 A, US4320174 A, US3700754 A, US2004217332 AA, US2003008135 AA, GB974111 A, EP0921160 A1, EP0827981 A2, EP0120296 B1,**Forward Citations:** WO16160588, WO16110362, US9640347, US9589697, US9564531, US9453942, US9427941, US9182590, US2016238755, US2016224816, US2016126499, US2016069811, US2016056304, US2015370339, US2015279659, US2015079404, US2014303490, US2014226200, US2014106114, US2013329281, US2011227064, EP3042784,**Abstract:**

Source: US8921473B The invention relates to an image support medium for creation of an aesthetic image that is a work or object for display. This support medium is made from a smart or intelligent material so that the medium provides or enables formation of an image having at least one aesthetic element that can be responsive, interactive, controlled, changed, programmed, and/or modulated. The support medium can further comprise stimuli, triggers or influences that cause the smart or intelligent material to respond to change shape, size, volume, density, light properties, color, appearance, and/or another physical property of the aesthetic element. In a preferred embodiment, the smart or intelligent material is reversibly responsive to the stimuli, triggers or influences.

0) US2015077065A – CHARGING AND COMMUNICATING WITH BATTERY OPERATE...

139) Family number: 58728721 (US2015077065A)

© PatBase

Title: CHARGING AND COMMUNICATING WITH BATTERY OPERATED TOYS

Priority: US20130026196 20130913

Family:	Publication number	Publication date	Application number	Application date
	<u>US2015077065 AA</u>	20150319	US20130026196	20130913
	<u>US9531208 BB</u>	20161227	US20130026196	20130913

Probable Assignee: DISNEY ENTERPRISES INC

Assignee(s):^(std): DISNEY ENTPR INC

Assignee(s): DISNEY ENTERPRISES INC

Inventor(s):^(std): GARLINGTON JOSEPH O BRIEN ; HASELTINE ERIC CHARLES

Agent(s): PATTERSON AND SHERIDAN LLP

International class H02J7/00 H02J7/02 (Advanced/Invention)
(IPC 8-9):

CPC: H02J7/0052 H02J7/025 H02J2007/0098 H02J7/0004 H02J50/10 H02J50/80 H02J50/90

US class: 320/162

[Classification Explorer](#)

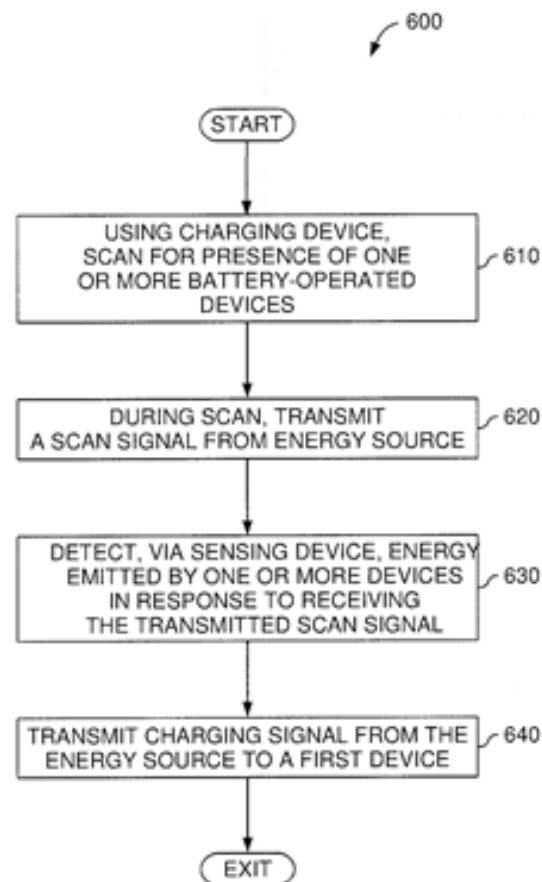
Cited documents: US2014176061 AA, US2011156640 AA, US2007114967 AA, US2005127866 AA,

Forward Citations: WO17037264,

Abstract:

Source: US2015077065A Methods and a system for the recharging of battery-operated devices, whereby the recharging process is made less burdensome and inconvenient to the users of the devices. Embodiments provide for incorporating recharging into the normal usage patterns for the devices using activities consistent with predetermined intended usage of the devices, thereby causing the user to perceive less inconvenience. Other embodiments provide for systematically detecting and wirelessly recharging devices, whereby the burden to the users may be reduced or entirely eliminated.

PatBase - US9531208_BB



140) Family number: 60953635 (TN2013000502A)

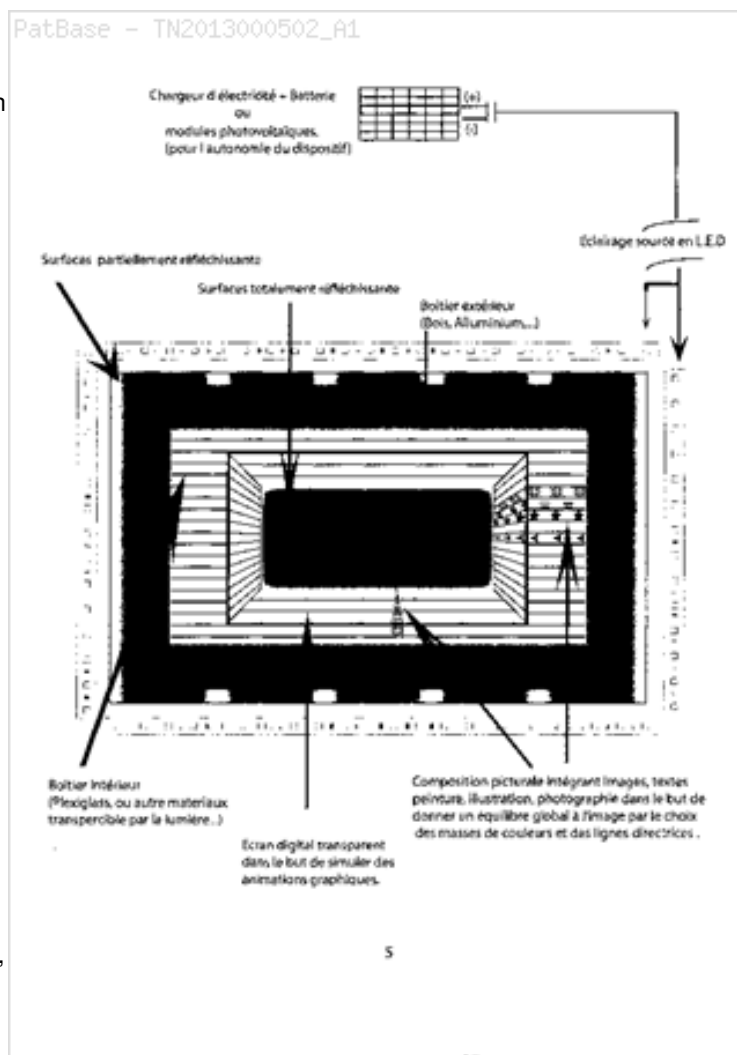
© PatBase

Title: CADRE LUMINEUX A EFFET DE PROFONDEUR BRIGHT FRAME DEPTH EFFECT (Machine translation)**Priority:** TN20130000502 20131202

Family:	Publication number	Publication date	Application number	Application date
	TN2013000502_A1	20150330	TN20130000502	20131202

Probable Assignee: KARIM FOKHI**Assignee(s):^(std):** KARIM FOKHI ; MOHAMED CHAOUCH ; MOKHTAR EL OUAHCHI**Inventor(s):^(std):** KARIM FOKHI ; MOHAMED CHAOUCH ; MOKHTAR EL OUAHCHI**International class** B44F1/02 G09F19/16 H05B37/00 (Advanced/Invention)
(IPC 8-9):[Classification Explorer](#)**Abstract:**

Source: TN2013000502A C'est un cadre lumineux, attractif, polyvalent qui pourrait etre a la fois un tableau artistique decoratif et/ou un support d'affichage ayant une haute efficacite promotionnelle. Le dispositif en question pourrait faire l'objet de plusieurs usages en meubles, œuvres d'art conceptuel, support d'affichages promotionnels, ect... Le cadre comprend deux boitiers: Un premier boitier exterieur (en bois, Alluminium, ou toute autre matiere qui servira pour bien envelopper et contenir fermement tout le dispositif en question sans oublier le cadrage decoratif exterieur. Un deuxieme boitier en Plexiglass (ou toute autre matiere qui se laisse transpercer par la lumiere et la diffuse a l'interieur) Au moins un eclaireage avec source en LED communiquant avec l'espace interieur / exterieur en cas d'eclairage-retro du dispositif en question. Le 2 degres boitier sera place a l'interieur du 1 degres boitier, compris entre deux surfaces reflechissantes ou plus (l'une des surfaces etant totalement reflechissante) Des compositions picturales imprimees sur papier vinyle ou peintes sur plexiglass ou projetes sur ecran digital transparent seront posees d'une facon harmonieuse et equilibree sur les cotes visibles du boitier interieur. Cette disposition est sensee nous donner une autre nouvelle dimension, un espace pictural attractif d'une grande profondeur apparente. This is a bright, attractive, versatile, which could be both a decorative artistic table and / or a display medium with high promotional effectiveness. The device in question could be the subject of several uses furniture, works of conceptual art, media promotional displays, ect... The frame consists of two boxes: A first external case (wood, Alluminium, or other matters that will serve to wrap tightly and firmly hold the whole device in question not to mention the decorative frame outside. A second Plexiglass box (or any other material which leaves pierced by light and diffuses inside) At least one lighting with LED source communicating with the interior space / exterior lighting in case of retro-the device in question. The case will be up 2 degrees in the interior of the casing 1 degrees, between two or more reflective surfaces (one Reflective surfaces being totally) Compositions pictorial Printing on vinyl or painted on paper or projected on transparent plexiglass digital screen will be entertained in a harmonious



and balanced way on visible inside the casing dimensions. This provision is meant to give us another new dimension, an attractive pictorial space of great apparent depth.

141) Family number: 59311437 (WO15075203A1)

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Title: CHARGING DEVICE FOR ELECTRIC VEHICLES**Priority:** DE201310112845 20131121**Family:**

Publication number	Publication date	Application number	Application date
<u>DE102013112845 A1</u>	20150521	DE201310112845	20131121
<u>WO15075203 A1</u>	20150528	WO2014EP75329	20141121

Probable Assignee: FRAUNHOFER GES ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E V**Assignee(s):^(std):** FRAUNHOFER GES ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E V**Assignee(s):** FRAUNHOFER GES ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG EV**Inventor(s):^(std):** ROTHFUSS FLORIAN**Agent(s):** PATENTANWAELTE MAMMEL U MASER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): B60L11/18 B60S5/00 E04B1/343 E04H1/12 E04H6/00 H02J17/00 H02J7/00 H02J7/34 H02J7/35 (Advanced/Invention)

CPC: B60L11/1824 B60L2230/22 B60L2230/24 B60L2230/28 B60L2230/30 B60L2230/32 E04H1/1205 E04H1/1233 E04H6/02 E04H6/42 E04H2001/1283 Y02T10/7005 Y02T10/7094 Y02T90/12 Y02T90/121 Y02T90/14 H02J7/0027 Y02T10/7055

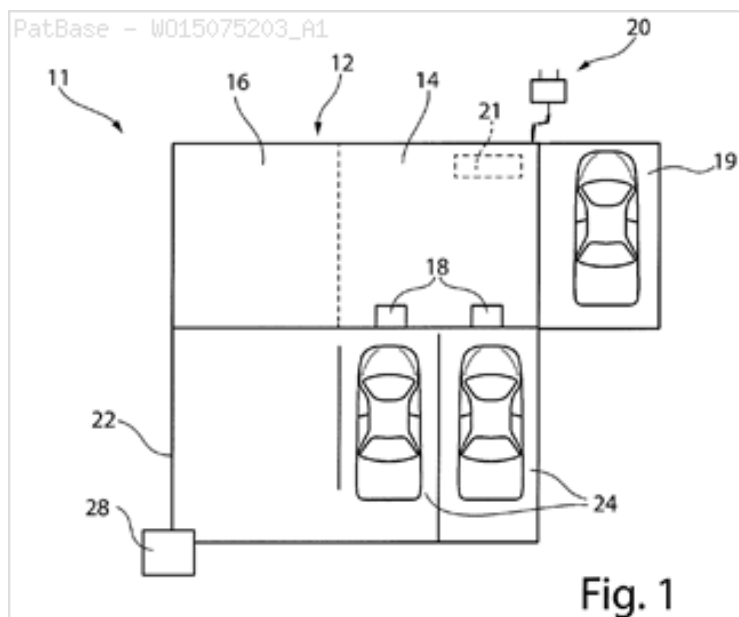
[Classification Explorer](#)

Cited documents: WO13006164 A1, WO10089535 A2, US5847537 A, US2002129566 AA, JP2003102104 A2,

DE102010062362 A1

Forward Citations: US2017028864, CN105220901,**Abstract:**

The invention relates to a charging device for electric vehicles, comprising at least one charging station (18). The at least one charging station comprises a charging socket, a charging plug, or an induction coil. A charging module (14) is provided, which comprises at least the charging station (18), which is arranged completely in the charging module (14) and remains in the charging module during use. The charging module (14) comprises a network connection (20) for a public power network. A lounge module (16) is provided for the user(s) of the vehicle to be charged, which lounge module comprises at least one lounge room for the lounging of the user(s) during the charging process. At least one charging module (14) and at least one lounge module (16) are provided in a common transportable housing (12) or at least one charging module (14) and at least one lounge module (16) are each provided in at least one transportable housing (12). At least the one transportable housing (12) can be installed at a destination at least at times.



142) Family number: 59780989 (FR3016258A)

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Title: SYSTEME PHOTOVOLTAIQUE DE PRODUCTION D'ELECTRICITE A HAUT RENDEMENT AVEC STOCKAGE INTEGRE AU SUBSTRAT OU EMBARQUE SUR PANNEAUX (STOCKAGE ABORD)

Priority: FR20140000035 20140109 FR20140000036 20140109 FR20140001389 20140620
FR20140001492 20140702 FR20150000025 20150108

Family:	Publication number	Publication date	Application number	Application date
	<u>FR3016236 A1</u>	20150710	FR20150000025	20150108
	<u>FR3016239 A1</u>	20150710	FR20140000035	20140109
	<u>FR3016240 A1</u>	20150710	FR20140000036	20140109
	<u>FR3016257 A1</u>	20150710	FR20140001389	20140620
	<u>FR3016258 A1</u>	20150710	FR20140001492	20140702

Probable Assignee: ROUSTAEI ALEX HR**Assignee(s):^(std):** ROUSTAEI ALEX HR**Assignee(s):** ALEX HR ROUSTAEI**Inventor(s):^(std):** ROUSTAEI ALEX HR**Inventor(s):** ALEX HR ROUSTAEI**Agent(s):** ALEX HR ROUSTAEI

International class H01L27/16 H01L31/04 H01L31/053 H01L31/06 H01L35/12 H01L35/34 H01M4/131
(IPC 8-9): H02S10/00 H02S40/38 (Advanced/Invention)

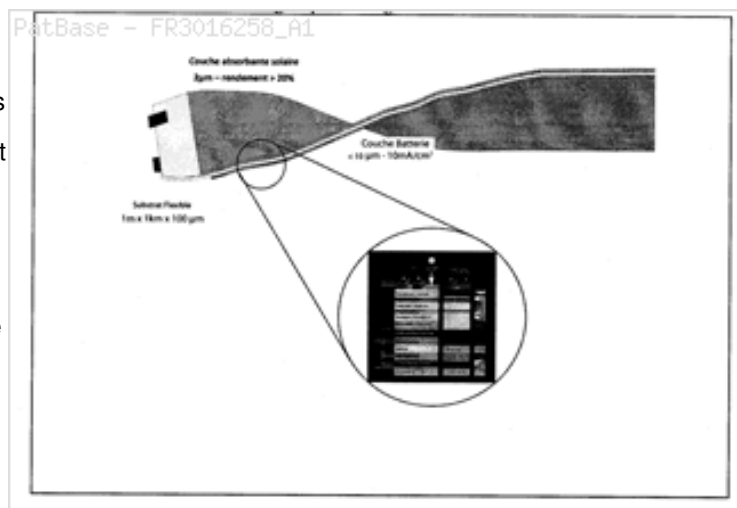
CPC: H01M4/485 H01M10/0525 H01M10/0565 H01M10/465 H01M16/00 H02S10/00 H01L27/16
H01L35/12 H01L35/34 H01L31/053 H01L31/0749 H01G9/20 H01M6/40 H01M14/005
H01L31/02167 H01L31/03928 H01L31/078 H01L31/035218 H01L27/301 H01L31/035227
H01L51/4226 Y02E10/541 Y02E10/549 Y02T10/7011 Y02T10/7022 H01L31/043
E01C7/00 H01L31/048 H02S40/38 H01L51/4213 Y02P70/521 Y02P70/54 Y02E60/122
Y02E10/50

[Classification Explorer](#)

Cited documents: WO14042907 A1, WO12021872 A2, WO11025733 A1, WO11021982 A1, WO10150833 A1, WO10054209 A1, WO08079369 A2, WO08003005 A2, US4925335 A, US2013081679 AA, US2012247527 AA, US2012043814 AA, US2011302858 AA, US2011240099 AA, US2011155236 AA, US2010231046 AA, US2009295257 AA, US2009133733 AA, US2009045773 AA, US2008115817 AA, US2007028958 AA, US2005199282 AA, KR20130142609 A, JP8126224 A2, JP2002021036 A2, FR2982082 A1, EP0108492 A2, CN202688818 U, CN103391025 A, CN103114532 A,

Abstract:

Source: FR3016258A L'invention propose une solution innovante a haute rendement pour le stockage de l'energie intermittente des cellules et systemes solaires sur films modulable et transferable sur support, integrable au substrat des cellules flexibles ou panneaux rigides solaires comprenant de preference une hybridation par ajouts de convertisseurs de rayonnements invisibles et thermiques avec une unite de stockage primaire de l'electricite embarque a bord ou au niveau de la cellule utilisant notamment la superficie surfacique de la cellule y logeant le systeme de conversion de l'energie solaire en energie electrique. De conception efficace, il est faconnable par segment ou par partition et offre une maintenance facile par division pour des surface importante et il reduit considerablement le cout par watt pour une surface donnee tout en augmentant de



maniere significative les efficacities des cellules solaires offrant un premier niveau de stockage a bord de la cellule solaire par deux voies possibles de stockage directe de l'energie produite par la cellule et sa restitution apres lissage ou stockage de cette derniere ou encore par le surplus de l'energie non consommee ou non injectee sur le reseau qui favorise considerablement son utilisation dans les maisons a energies positives ou en autoconsommation. L'invention utilise la technique de deposition atomique pour la construction des molecules complexes et la technique de croissance/deposition moleculaires pour construction des couches hybrides en 3D modelisee par une conception innovante d'augmentation de surface de stockage et l'efficience du systeme, ainsi que des options d'hybridation ou de composants piezoelectriques pour capturer les calories sur la face arriere. La cellule capture les rayons du soleil arrivant sur sa surface. Celle-ci absorbe la lumiere visible et le proche infrarouge. Les rayonnements invisibles traversent la couche absorbante et arrivent sur le convertisseur a grande puissance qui emet la lumiere additionnelle. La chaleur et calories sont transformees par la couche piezonanofils. Les cellules photovoltaïques peuvent etre du type organique ou/et inorganique en couches minces et/ou ETA ou en tandem, apportees par greffes, imprimees ou deposees. Le stockage est en gel-solide ou solide state technologie et utilise des batteries en Lithium-ion a base de nano Titanate offrant une tres grande duree de vie et une plus grande securite dans l'utilisation des batteries integrees a la cellule.

143) Family number: 60268948 (FR3017974A)

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Title: DISPOSITIF D'INTERCONNEXION ET DE GESTION D'ELEMENTS PHOTOVOLTAIQUES INTERCONNECTION DEVICE AND MANAGEMENT ELEMENTS PHOTOVOLTAIQUES (Machine translation)

Priority: FR20140000471 20140224

Publication number	Publication date	Application number	Application date
FR3017974 A1	20150828	FR20140000471	20140224

Probable Assignee: SUNPARTNER TECHNOLOGIES

Assignee(s):^(std): SUNPARTNER TECHNOLOGIES

Inventor(s):^(std): AVELINE FRANCK ; NONNENMACHER BERNARD ; PEYREMORTE LAURENT

Inventor(s): BERNARD NONNENMACHER ; FRANCK AVELINE ; LAURENT PEYREMORTE

Agent(s): GLOBAL INVENTIONS

International class G06F3/033 G06Q50/06 H02S40/36 H02S40/38 ^(Advanced/Invention)
(IPC 8-9):

CPC: H01L31/042 Y02E10/50

[Classification Explorer](#)

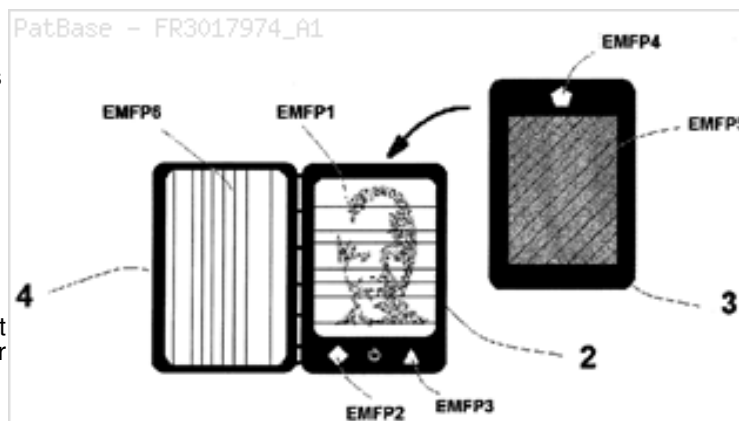
Cited documents: WO12104503 A1, US4328456 A, US2012103384 AA, US2011267324 AA, US2010167797 AA, US2010114679 AA, US2009103161 AA, JP63204665 A2, EP2330806 A1, EP2320626 A1, EP2056362 A2,

DE202010006946 U1

DE102010045006 A1

Abstract:

Source: FR3017974A L'invention concerne un dispositif photovoltaïque comprenant au moins deux éléments photovoltaïques dont chacun est apte à recevoir la lumière pour créer à sa sortie un courant susceptible de charger un dispositif de stockage d'énergie et/ou d'alimenter en énergie électrique un composant du dispositif et/ou de transporter une information encodée dans la lumière, caractérise en ce qu'il comporte un organe de gestion auquel plusieurs ou tous les différents éléments photovoltaïques sont connectés, ledit organe de gestion étant configuré pour pouvoir piloter en temps réel le fonctionnement de chaque élément photovoltaïque en fonction d'une programmation initiale ou des cas d'usage du dispositif photovoltaïque. A photovoltaic device comprising at least two photovoltaic Elements each of which is adapted to receive light to create its output current may charge an energy storage device and / or electric power supply a component of the device and / or transport information encoded in light, characterizes in that it includes a management authority which several or all of the different photovoltaic Elements are connected, said management unit being configured to be able to control in real time the operation of each photovoltaic element in accordance with initial programming or the case of use of the photovoltaic device.



144) Family number: 60399554 (CH709430A)

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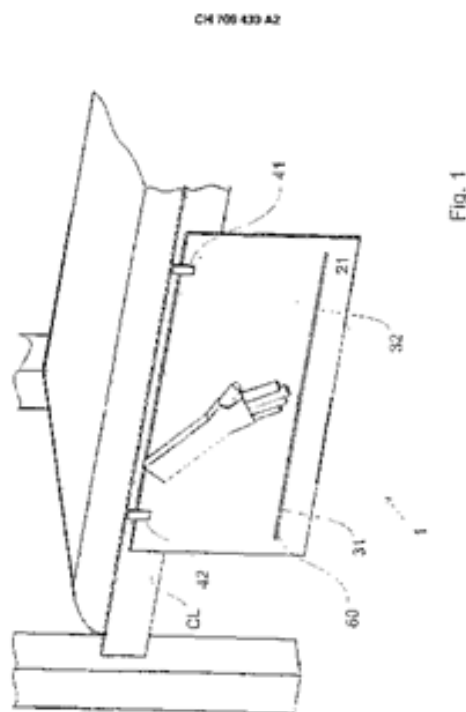
Title: DISPOSITIF DE DETECTION DE SORTIE DE LIT. OUTPUT DETECTION DEVICE LIT.
(Machine translation)**Priority:** CH20140000113 20140128

Family:	Publication number	Publication date	Application number	Application date
	CH709430 A2	20150915	CH20140000113	20140128

Probable Assignee: ANAXI DB LINEA SARL C O TRITTENFID SA**Assignee(s):^(std):** ANAXI DB LINEA SARL C O TRITTENFID SA**Inventor(s):^(std):** BRAND PATRICE**Inventor(s):** PATRICE BRAND**International class** A47C21/00 F21V33/00 G08B21/02 (Advanced/Invention)
(IPC 8-9).**CPC:** A47C21/003 G08B21/22 F21V33/0072 A61B5/1115[Classification Explorer](#)**Abstract:**

Source: CH709430A L'invention concerne un dispositif de detection de sortie de lit, comportant: un support (21a); des elements de fixation (41, 42) destines a fixer le support verticalement et de maniere amovible sur un montant horizontal d'un cadre de lit ou d'un sommier; une antenne capacitive (30) liee audit support; un eclaireage; un module de detection (80) agence pour detecter une variation de charges electrique sur ladite antenne (30) afin de commander l'allumage dudit eclaireage. The invention relates to a bed exit detection device, comprising: a support (21a); fixing of the elements (41, 42) intended to fix the vertically movable manner and support on a horizontal amount of a bed frame or mattress; a capacitive antenna (30) linked to said support; a lighting; a detection module (80) arranged to detect a variation of electric charges on said antenna (30) for controlling ignition of said lighting.

PatBase - CH709430_A2



145) Family number: 60458129 (DE102014113195A1)

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Title: TROCKENBAUELEMENT MIT INTEGRIERTEN ELEKTRISCHEN ELEMENTEN
TROCKENBAU ELEMENT WITH INTEGRATED ELECTRIC ELEMENTS (Machine translation)

Priority: DE201410104263 20140326 DE201410113195 20140912

Publication number	Publication date	Application number	Application date
<u>DE102014113195 A1</u>	20151001	DE201410113195	20140912

Probable Assignee: LANGER MARTIN

Assignee(s):^(std): LANGER MARTIN

Inventor(s):^(std): LANGER MARTIN

International class E04B9/04 E04F13/074 H02G3/36 (Advanced/Invention)
(IPC 8-9).

CPC: H02G3/121

[Classification Explorer](#)

Cited documents: EP0568752 A1,
DE202011051236 U1

Abstract:

Source: DE102014113195A1 Die Erfindung betrifft ein Trockenbauelement (10) mit integrierten elektrischen Elementen, dadurch gekennzeichnet, dass mindestens ein eine Montageaufnahme bildendes, nach aussen offenes Aufnahme-Profilelement (12) im Element eingebettet ist, das zur loesbaren Aufnahme von elektrischen Elementen (14) mit Befestigungseinrichtungen fuer diese ausgelegt ist sowie die Verwendung des Trockenbauelements mit integrierten elektrischen Elementen nach einem der vorangehenden Ansprueche zur elektrischen Versorgung eines Gebaeudeabschnitts, insbesondere zur Raumbeluechtung ohne externen Stromanschluss, wobei das mindestens eine elektrische Element ueber Stromleitungen, Batterien/Akkumulatoren, Brennstoffzellen, Solarelemente betrieben ist sowie ein Verfahren zur Beleuchtung von Gebaeudebereichen ohne Stromanschluss. The invention concerns a dry element (10) with integrated electric elements, characterized in that at least a mounting seat forming outwardly open receiving profile element (12) is embedded in the element for the detachable accommodation of electrical elements (14) is designed with fixing means for this, and the use of dry construction element with integrated electrical elements according to one of the preceding claims for the electrical supply of a Gebaeudeabschnitts, in particular for room lighting with no external power supply, wherein the at least one electrical element on power lines, batteries / accumulators, fuel cells, solar panels operated is and a method for illuminating Gebaeudebereichen without electricity.

PatBase - DE102014113195_A1

DE 10 2014 113 195 A1 2015.10.01

Anhängende Zeichnungen

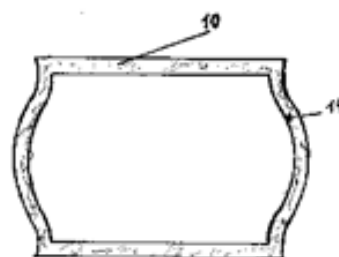


Fig. 1

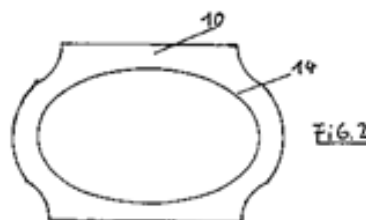


Fig. 2

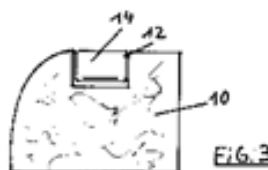


Fig. 3

146) Family number: 60513329 (WO16124809A1)

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Title: PHOTOVOLTAIC MODULE**Priority:** ES20150030144 20150205

Family:	Publication number	Publication date	Application number	Application date
	<u>ES2547469 AA</u>	20151006	ES20150030144	20150205
	<u>ES2547469 BA</u>	20160622	ES20150030144	20150205
	<u>WO16124809 A1</u>	20160811	WO2016ES70070	20160205

Probable Assignee: STUDIO ITINERANTE ARQUITECTURA S L**Assignee(s):^(std):** CAVIASCA ALESSANDRO ; STUDIO ITINERANTE ARQUITECTURA S L**Assignee(s):** STUDIO ITINERANTE ARQUITECTURA SL ; ALESSANDRO CAVIASCA**Inventor(s):^(std):** CAVIASCA ALESSANDRO**Inventor(s):** ALESSANDRO CAVIASCA**Agent(s):** ESPIELL EDUARDO MARIA; ESPIELL VOLART EDUARDO MARIA

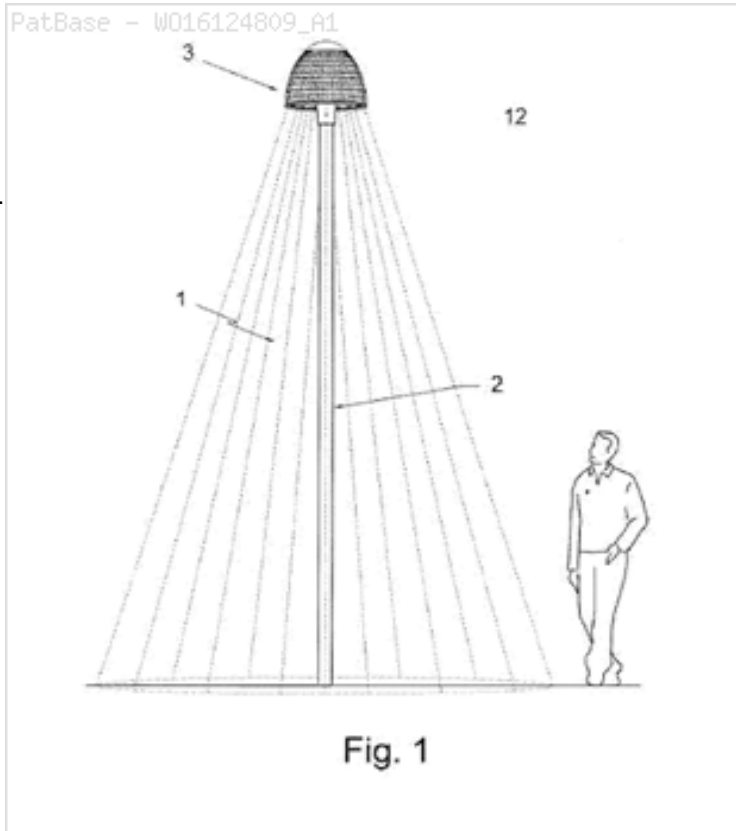
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [F21S8/08 F21S9/03](#) (Advanced/Invention)
 (IPC 8-9):

CPC: [F21S8/08 F21S9/03](#)[Classification Explorer](#)**Cited documents:** US2012075855 AA, US2009190367 AA, JP2010257621 A2, DE10336543 A1,

Abstract:

The invention relates to a photovoltaic module consisting of a plurality of photovoltaic cells defining a photovoltaic surface (4) which is arched such that it is truncated at the top with an opening (8) and a closing cupola (5), the surface of which has axial segments (13) which are each connected to the following one. The surface (4) is made from a thin layer of crystalline silicon, or CIGS or other, and covered with an outer surface of polymer material with reinforced fibres or crystal. It comprises means for storing the photovoltaic energy or battery (9) and/or means (10) for controlling both which are connected to the module (3) and arranged on an inner support (11). There is a closure (6) with light sources (7) in the lower opening of the surface (4). The module (3) can be connected to the energy receiver(s) as: a lighting element, a sensor, a signalling element, a charging station, and an electronic element of the public highway, and also comprises an inner insulating sheet on the surface (4) and various ventilation openings. Said surface (4) has the following parameters: lower diameter (D2) / height (H) between 1.3 and 1.6; upper diameter (D1) / height (H) between 0.5 and 0.9; lower angle of curvature of the generatrix (Alfa 1) between 80 degrees and 95 degrees; middle angle of curvature of the generatrix (Alfa 2) between 65 degrees and 75 degrees; and upper angle of curvature of the generatrix (Alfa 3) between 35 degrees and 46 degrees.

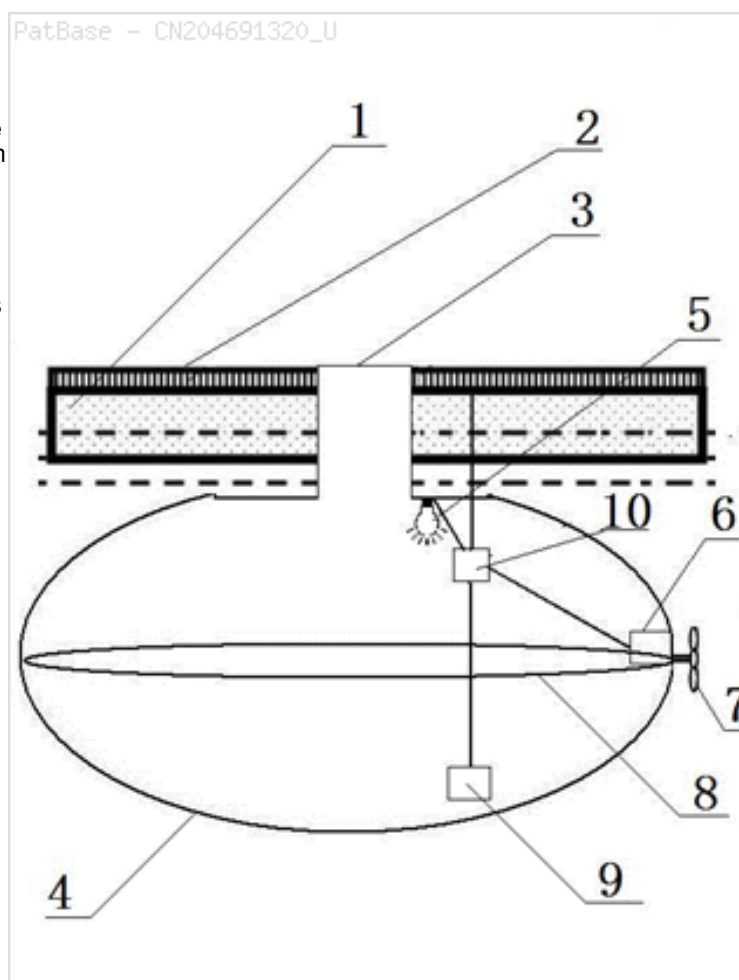


Title: AQUATIC HOTEL**Priority:** CN201520174660U 20150326**Family:**

Publication number	Publication date	Application number	Application date
<u>CN204691320 U</u>	20151007	CN201520174660U	20150326

Probable Assignee: SHANGHAI CHANGXIANG INTELLIGENT TECHNOLOGY CO LTD**Assignee(s):^(std):** SHANGHAI CHANGXIANG INTELLIGENT TECHNOLOGY CO LTD**Assignee(s):** IMAGINE INTELLIGENT TECHNOLOGY CO LTD SHANGHAI ; SHANGHAI CHANGXIANG INTELLIGENT TECHNOLOGY CO**Inventor(s):** INVENTOR HAS WAIVED RIGHT TO BE MENTIONED**International class** E04H3/02 (Advanced/Invention)
(IPC 8-9).[Classification Explorer](#)**Abstract:**

Source: CN204691320U The utility model provides a body of aquatic hotel, by the surface of water and a transparent room is constituted that the aquatic the upper surface laminating solar panel of body is equipped with into door in, be equipped with bed, battery, controller, motor and bulb in the transparent room, solar panel, battery, motor and bulb link to each other with the controller through the wire respectively, and the afterbody in transparent room is installed to the motor to its output shaft links to each other with the screw, the utility model has the advantages that: one of which, transparent room temperature in aqueous are low, and people lie in transparent room, and the water -saving can economize on electricity, next, the solar panel of the surface of water had both saved the terrestrial space, can generate electricity again, the third above all, makes things convenient for the aquatic to remove, has increased a new adventure in daily life again for the people of curiosity.



148) Family number: 60635821 (CN204715233U)

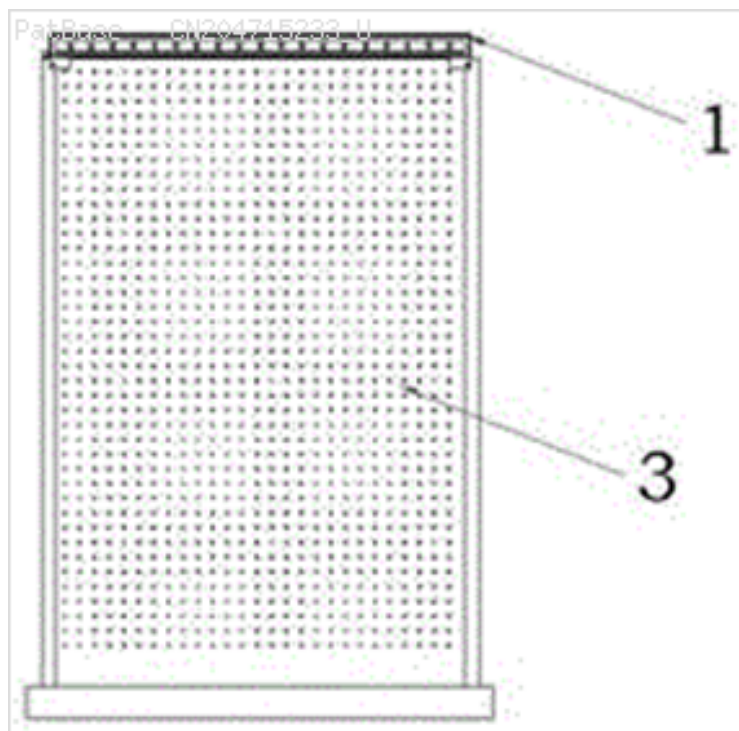
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Title: ILLUMINATION BAFFLE GIVES SOUND INSULATION IN EXPRESSWAY BASED ON FLEXIBLE SOLAR PANEL**Priority:** CN201520436835U 20150624

Family:	Publication number	Publication date	Application number	Application date
	CN204715233 U	20151021	CN201520436835U	20150624

Probable Assignee: UNIV HUBEI TECHNOLOGY**Assignee(s):^(std):** HUBEI UNIV OF TECHNOLOGY ; UNIV HUBEI TECHNOLOGY**Inventor(s):^(std):** DENG GANG ; GONG LYUFANG ; HE HUAN ; HU JISONG ; MING SHUXIAN ; SUN BANGWU ; TAN BAOHUA ; TAN ZONGMING ; TANG MIN ; WU ZHIYUAN ; YUAN YINGYING ; ZHOU YUANYE**International class** E01F8/00 F21V23/04 F21V33/00 F21Y101/02 (Advanced/Invention);
(IPC 8-9); F21Y101/02 (Advanced/Non-invention)[Classification Explorer](#)**Forward Citations:** CN105429012,**Abstract:**

Source: CN204715233U The utility model relates to an illumination baffle gives sound insulation in expressway based on flexible solar panel. Including acoustic celotex board part, street lamp illumination part, solar panel power generation part and electronic box part. Its characteristics utilize helmholtz resonator and the micropore of obturator foamed aluminium itself and crack to consume acoustic energy, and evenly punch foamed aluminium, PC board and the air bed between them and constitute perforated plate sound absorbing structure, further absorb the noise, this kind of acoustic celotex board simple structure, and absorbing effect is good. The LED lamp of the free from glare selecting for use and install has leading extender lens, can provide effective and stable illumination for certain region, avoids upsetting driver's sight, the influence driving. And the system adopts the mode of " solar energy + commercial power ", when energy shortage in the actuating system during operation that solar energy provided for the battery, the system makes the LED lamp normally luminous automatic switch –over to commercial power operating condition, simultaneously, adopts the mode of special electronic box to deposit battery and main circuit, and is waterproof dustproof.



Title: DISTRIBUTION BOX
Priority: CN201520354153U 20150528
Family:

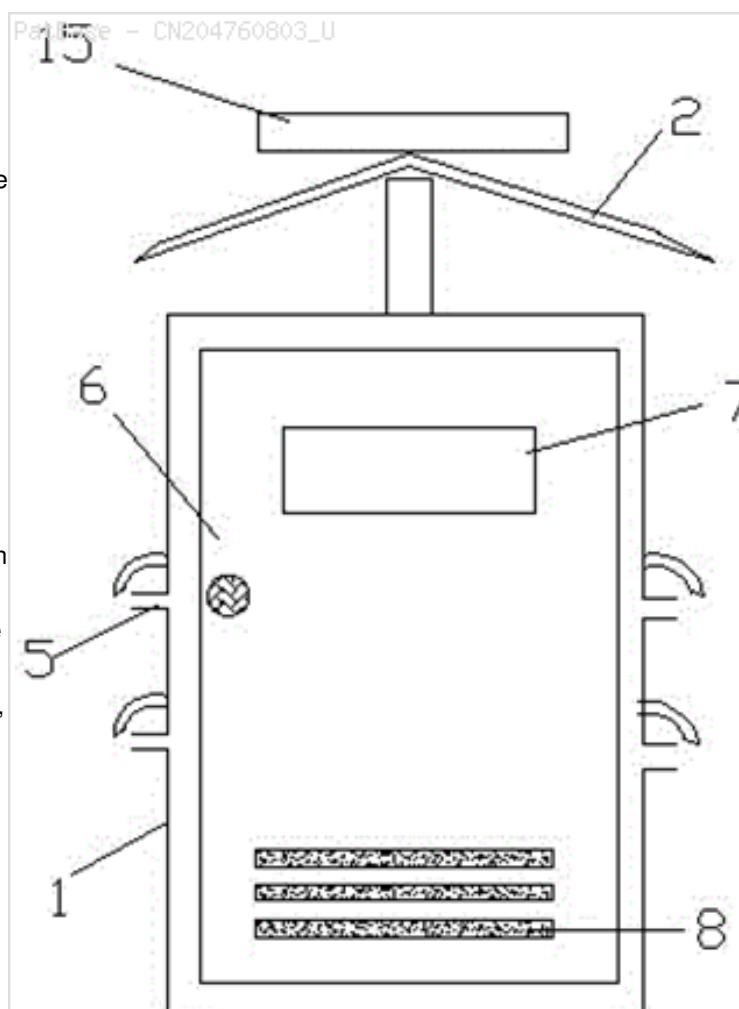
Publication number	Publication date	Application number	Application date
<u>CN204760803 U</u>	20151111	CN201520354153U	20150528

Probable Assignee: NANTONG POWER SUPPLY CO LTD JIANGSU ELECTRIC POWER CO
Assignee(s):^(std): NANTONG POWER SUPPLY CO LTD JIANGSU ELECTRIC POWER ; NANTONG POWER SUPPLY CO LTD JIANGSU ELECTRIC POWER CO
Assignee(s): NANTONG JIANGSU ELECTRIC POWER CO POWER CO ; NANTONG POWER SUPPLY CO
Inventor(s):^(std): LIN LIN ; WANG SHENGQIANG ; WU XIAONAN ; XU ZHILONG
International class H02B1/044 H02B1/24 H02B1/28 H02B1/30 H02B1/56 (Advanced/Invention)
 (IPC 8-9):

[Classification Explorer](#)

Abstract:

Source: CN204760803U The utility model provides a distribution box, includes the casing, the casing is sandwich structure, casing intraformational bed surface is equipped with a plurality of through -holes, it has the spring to inlay in the through -hole, the spring diameter is less than the through -hole, spring one end is equipped with the fixation clamp, the fixation clamp is greater than the through -hole, be equipped with the rainproof sunshade umbrella on the casing top, both sides are equipped with logical groove in the casing, it is equipped with the diaphragm to lead to the inslot, the diaphragm surface is equipped with the spout, the spout is connected with the riser through the slider, the casing avris is equipped with a plurality of air exits, the position that corresponds on the air exit is equipped with rain -proof cover, be equipped with on the casing and open the door, be equipped with the viewing aperture on opening the door, it is equipped with the heat dissipation window to open the door the lower part, still includes rectangular frame, the frame is established in the casing lower part, be equipped with battery, battery connection temperature controller, air temperature sensor, alarm and bulb in the frame, rainproof sunshade umbrella top is equipped with solar panel.



150) Family number: 60951827 (FR3021476A)

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Title: INFRASTRUCTURE D'UN RESEAU DE TELECOMMUNICATION ET DISPOSITIF D'INTERFACE D'UNE TELLE INFRASTRUCTURE INFRASTRUCTURE FOR TELECOMMUNICATIONS NETWORK INTERFACE DEVICE AND INFRASTRUCTURE AS (Machine translation)

Priority: FR20140054525 20140520

Publication number	Publication date	Application number	Application date
FR3021476 A1	20151127	FR20140054525	20140520

Probable Assignee: C2D

Assignee(s):^(std): C2D

Inventor(s):^(std): RIVARD DANIEL

Inventor(s): DANIEL RIVARD

Agent(s): GEVERS FRANCE

International class G06Q50/00 H01L31/042 H04B10/25 (Advanced/Invention)
(IPC 8-9):

CPC: H04W88/08 E01C1/002

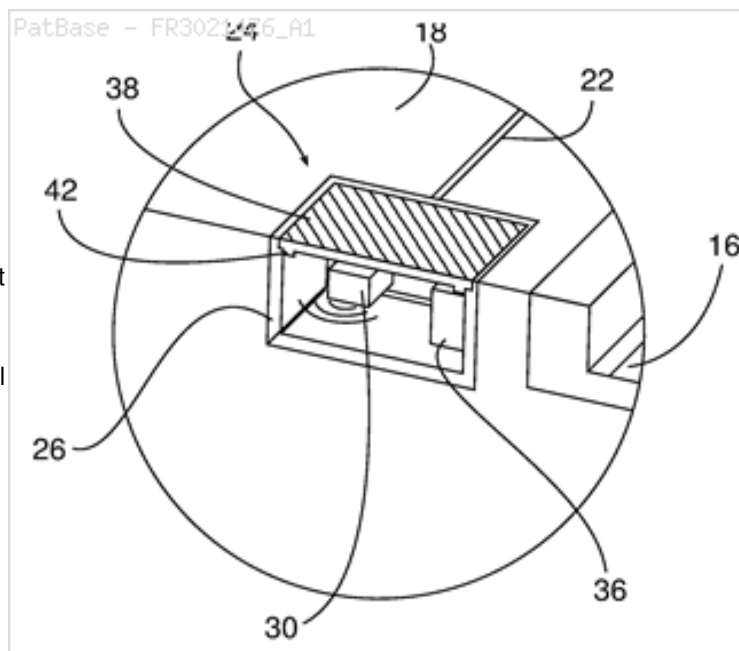
[Classification Explorer](#)

Cited documents: US8447239 BA, US2008014932 AA,

Abstract:

Source: FR3021476A L'invention concerne une infrastructure d'un reseau de telecommunication comprenant un reseau central filaire de transmission de donnees amenee dans une voirie de l'espace public, au moins un equipement local de transmission de donnees agence au voisinage de ladite voirie, et un dispositif (24) d'interface entre le reseau central et l'equipement local.

L'infrastructure est caracterisee en ce que ledit dispositif d'interface (24) comprend une chambre (26) de connexion menagee dans la voirie et connectee au reseau central filaire, et au moins un moyen (30) de connexion sans-fil agence dans ladite chambre (26) de connexion et adapte pour transmettre des donnees entre le reseau central filaire et l'equipement local. The invention relates to an infrastructure of a network of telecommunication network including a central wire of feeding data transmission in road public space, at least one local agency data transmission equipment in the vicinity of said road, and a device (24) as an interface between the central and local network equipment. The infrastructure is characterized in that said interface device (24) comprises a chamber (26) provided in connection roads and connected to the wired network core, and at least one means (30) for wireless connection agency said chamber (26) and adjusts connection to transmit data between the wired network and the local central equipment.



151) Family number: 61023779 (CN204821367U)

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Title: ON –VEHICLE GOODS OF FURNITURE FOR DISPLAY RATHER THAN FOR USE**Priority:** CN201520618257U 20150817

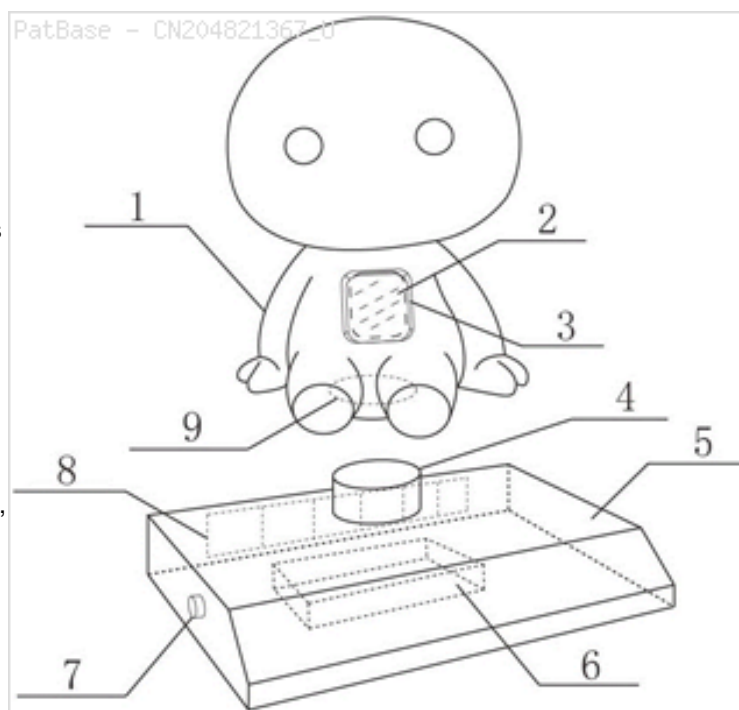
Family:	Publication number	Publication date	Application number	Application date
	CN204821367 U	20151202	CN201520618257U	20150817

Probable Assignee: SHAOXING SHUIKUO TRADE CO LTD**Assignee(s):^(std):** SHAOXING SHUIKUO TRADE CO LTD**Assignee(s):** SHAOXING WATER WIDE TRADE CO LTD ; SHAOXING SHUIKUO TRADE CO**Inventor(s):** INVENTOR HAS WAIVED RIGHT TO BE MENTIONED

International class B60Q3/02 B60R11/00 F21S9/03 F21V33/00 F21Y101/02 (Advanced/Invention);
 (IPC 8–9): F21Y101/02 (Advanced/Non–Invention)

[Classification Explorer](#)**Abstract:**

Source: CN204821367U The utility model discloses an on –vehicle goods of furniture for display rather than for use, this on –vehicle goods of furniture for display rather than for use is by the doll body, the two –dimensional code card, the draw –in groove, cylindrical LED lamp, a pedestal, the battery, the switch, solar panel, the round hole is constituted, it is equipped with the draw –in groove on the doll body of decoration effect to play on this on –vehicle goods of furniture for display rather than for use, be convenient for deposit the two –dimensional code card that has car owner's contact way, as car owner temporary stopping and hinder his man –hour, alright come to get in touch with the car owner with the mobile phone scanning two –dimensional code, and the two –dimensional code card has with low costsly, the information updating is convenient, can audio –visually not reveal advantages such as car owner's information, this on –vehicle goods of furniture for display rather than for use's the inside battery that is equipped with of base, and accessible solar panel charges, be equipped with cylindrical LED lamp on the base, not only can be used for throwing light on, as the car owner in the dim environment of light during temporary stopping, can make the doll body send the light, being convenient for, other people discover this on –vehicle goods of furniture for display rather than for use and the effectual scanning two –dimensional code card of ability, therefore high convenience is obtained, the cowpea stem drawing rope in the utility model has the beneficial effects of simple design, low cost and relatively great practicality, it is reliably durable, the practicality is big.



152) Family number: 61298669 (EP2960957A1)

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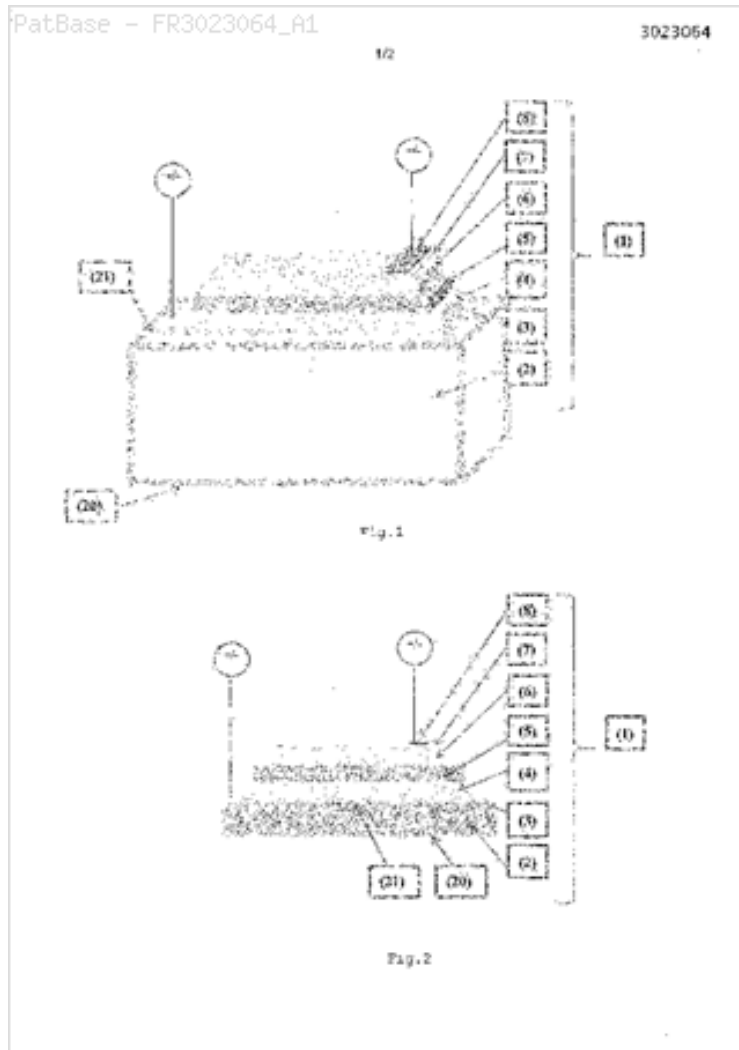
Title: FOTOVOLTAIKVORRICHTUNG UND IHR HERSTELLUNGSVERFAHREN
PHOTOVOLTAIC DEVICE AND METHOD FOR MAKING SAME**Priority:** FR20140055905 20140625 FR20140060204 20141023

Family:	Publication number	Publication date	Application number	Application date
	EP2960957 A1	20151230	EP20150173849	20150625
	FR3023063 A1	20160101	FR20140055905	20140625
	FR3023064 A1	20160101	FR20140060204	20141023

Probable Assignee: DRACULA TECHNOLOGIES**Assignee(s):**^(std): DRACULA TECHNOLOGIES**Inventor(s):**^(std): BARRET MICKAEL ; BRUNET ADRIEN ; CRUCHON BRICE**Inventor(s):** MICKAEL BARRET ; BRICE CRUCHON ; ADRIEN BRUNET**Agent(s):** NOVAGRAAF TECHNOLOGIES**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC
ME MK MT NL NO PL PT RO RS SE SI SK SM TR**International class**
^(IPC 8-9): [H01L31/042](#) [H01L31/18](#) [H01L51/00](#) [H01L51/42](#) [H02J7/35](#) (Advanced/Invention)**CPC:** [H01L31/042](#) [H01L31/18](#) [H02J7/35](#) [Y02E10/549](#) [H01L51/0005](#) [H01L27/301](#) [H01L51/0037](#)
[H01L51/4246](#) [H01L51/4253](#) [H01L51/4206](#) [H01L51/424](#)[Classification Explorer](#)**Cited documents:** WO12041847 A1, WO09133984 A1, US2006108578 AA, GB2330451 A1, EP2763203 A2,
EP1970959 A2,

Abstract:

Source: EP2960957A1 La presente invention concerne un procede de realisation de dispositifs photovoltaïques comportant une ou plusieurs couches deposees par impression a jet d'encre. The present invention relates to a process for the realization of photovoltaic devices having one or more layers deposited by ink jet printing.



153) Family number: 61298579 (FR3023121A)

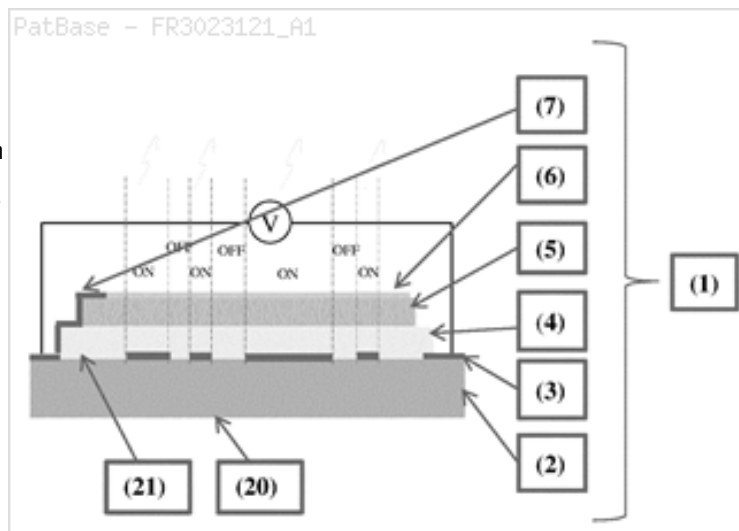
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Title: DISPOSITIF ELECTROLUMINESCENT ET SON PROCEDE DE FABRICATION**Priority:** FR20140055919 20140625 FR20140057237 20140725

Family:	Publication number	Publication date	Application number	Application date
	FR3023120 A1	20160101	FR20140055919	20140625
	FR3023121 A1	20160101	FR20140057237	20140725

Probable Assignee: DRACULA TECHNOLOGIES**Assignee(s):**^(std) DRACULA TECHNOLOGIES**Inventor(s):**^(std) BARRET MICKAEL ; CRUCHON BRICE ; BRUNET ADRIEN**Inventor(s):** BRICE CRUCHON ; MICKAEL BARRET ; ADRIEN BRUNET**Agent(s):** NOVAGRAAF TECHNOLOGIES**International class** H05B33/02 H05B33/10 (Advanced/Invention)
(IPC 8-9):**CPC:** H05B33/28 H01L51/0005[Classification Explorer](#)**Cited documents:** WO14089708 A1, WO08015426 A1, US8673702 BB, US2009130296 AA, EP0880303 A1,**Abstract:**

Source: FR3023121A La presente invention a pour objet un procede de realisation de dispositifs electroluminescents, dans lequel une ou plusieurs couches deposees par impression a jet d'encre. La presente invention a egalement a egalement pour objet un dispositif electroluminescent susceptible d'etre obtenu selon le procede de l'invention.



154) Family number: 61602190 (BRPI1104899A)

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Title: PERSIANA OU SIMILAR COM MEIO DE CAPTACAO E PROPAGACAO DE LUMINOSIDADE PARA AMBIENTES EM GERAL
BLINDS OR SIMILAR WITH FUNDING MEANS OF LIGHT AND SPREAD FOR ENVIRONMENTS IN GENERAL (Machine translation)

Priority: BR2011PI04899 20111107

Publication number	Publication date	Application number	Application date
BRPI1104899 A2	20160105	BR2011PI04899	20111107

Probable Assignee: SILVA JANAINA RAMOS CARNEIRO

Assignee(s):^(std): SILVA JANAINA RAMOS CARNEIRO

Assignee(s): JANAINA RAMOS CARNEIRO SILVA

Inventor(s):^(std): SILVA JANAINA RAMOS CARNEIRO

Inventor(s): JANAINA RAMOS CARNEIRO SILVA

International class F21S9/03 F21V11/02 F21V21/00 H01L31/042 (Advanced/Invention)
(IPC 8-9):

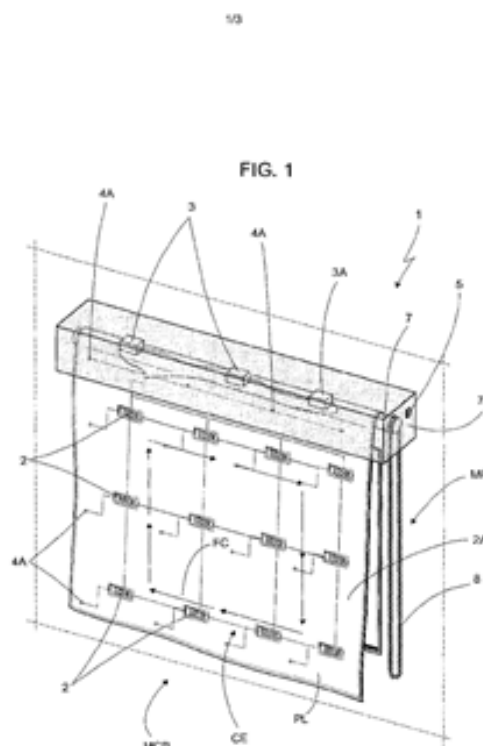
CPC: Y02E10/50 Y02B10/10

[Classification Explorer](#)

Abstract:

Source: BRPI1104899A 1 RESUMO
"PERSIANA OU SIMILAR COM MEIO DE CAPTACAO E PROPAGACAO DE LUMINOSIDADE PARA AMBIENTES EM GERAL", mais precisamente trata-se de persiana (1) cujo meio de 5 captacao e propagacao (MCP) de luminosidade (L) inclui pelo menos duas folhas individuais (F1)/(F2) para configurarem a placa flexivel (PL) de uma persiana (1) ou similar, sendo que entre referidas folhas (F1)/(F2) e distribuido um primeiro conjunto de celulas fotovoltaicas flexiveis (2) conectadas em armazenadores de energia (3) que, por io sua vez, alimenta um segundo conjunto de propagadores de luminosidade (4), os quais sao ligados ou desligados atraves de meio de comutacao, tal como uma chave manual liga/desliga (5) ou controle remoto, conectada no circuito eletrico (CE) que interliga o armazenador de energia (3A) e LED(s) (4A); ditas celulas is fotovoltaicas (2) sao conectadas eletricamente e reunidas de forma a conformar uma malha semicondutora (2A) cuja incidencia (I) de luz solar (SL) e absorvida pelo material semicondutor; cada celula fotovoltaica (2) preve em ambas superficies (2b) e (2c) contatos de metal (6) que drenam o fluxo de corrente (FC) desenvolvido atraves 20 dos campos eletricos que forcam os eletrons livres a fluir num sentido. 1 SUMMARY "BLINDS OR SIMILAR WITH FUNDING MEANS AND LIGHT SPREAD FOR ENVIRONMENTS IN GENERAL", more precisely it is blind (1) which through 5 Capture and propagation (MCP) of lightness (L) includes at least two individual sheets (F1) / (F2) to configure the flexible plate (PL) of a roller shutter (1) or similar, being between said sheets (F1) / (F2) is fed a first set of flexible photovoltaic cells (2) connected

PatBase - BRPI1104899_A2



in energy armazenadores (3) for io turn feeds a second set of light propagating (4), which are connected or disconnected via a switching means, such as an alloy manual / off switch (5) or remote, connected to the electric circuit (CE) interconnecting the energy storer (3A) and LED (s) (4A); said photovoltaic cells is (2) are electrically connected and assembled so as to conform a semiconductor mesh (2A) whose incidence (I) of sunlight (SL) and absorbed by the semiconductor material; each photovoltaic cell (2) foresees both surfaces (2b) and (2c) metal contacts (6) that drain current flow (FC) developed through 20 of the electric field that forces the free electrons to flow in one direction.

155) Family number: 61699584 (CO7490009U)

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Title: CONCEPTO DE PRODUCTO PARA MOBILIARIO URBANO CON ALIMENTACION DE ENERGIA FOTOVOLTAICO E ILUMINACION CON TECNOLOGIA LEDS
 CONCEPT PRODUCT FOR FURNITURE WITH FOTOVOLTAICO power supply and lighting LEDS TECHNOLOGY (Machine translation)

Priority: CO20150263783U 20151105

Publication number	Publication date	Application number	Application date
CO7490009 U1	20160115	CO20150263783U	20151105

Probable Assignee: ESCOBAR BRAUSIN EDWIN YESID

Assignee(s):^(std): ESCOBAR BRAUSIN EDWIN YESID

Inventor(s):^(std): ESCOBAR BRAUSIN EDWIN YESID

International class H02S20/30 (Advanced/Invention)
 (IPC 8-9).

[Classification Explorer](#)

Abstract:

Source: CO7490009U Resumen. Diseno de un concepto nuevo en mobiliario urbano, utilizando diferentes tecnologias como son: generacion de energias renovables, en este caso mediante panel fotovoltaico; utilizacion de fuentes de luz LEDs (Diodo emisor de luz) que pueden venir en diferentes presentaciones, tales como cintas, PCBs (Printed circuit board) y baterias para almacenar la energia generada por el panel fotovoltaico. Estos elementos hacen parte de la arquitectura del producto, haciendo parte funcional y estetica del mueble, el cual se carga durante el dia mediante la incidencia de los rayos solares y por la noche, se activa una fotocelda que permite activar los LEDs, generando una luz ambiente agradable.

Summary. Design of a new concept in street furniture, using different technologies such as: renewable energy generation, in this case by photovoltaic panel; use of light sources of LEDs (Light Emitting Diode) that can come in different forms, such as tapes, PCBs (Printed Circuit Board) and batteries to store the energy generated by the photovoltaic panel. These elements are part of the product architecture, making aesthetic and functional part of the furniture, which is charged during the day by the incidence of sunlight and at night, a photocell which activates the LEDs is activated, generating a light friendly atmosphere.

156) Family number: 61782454 (CN205065570U)

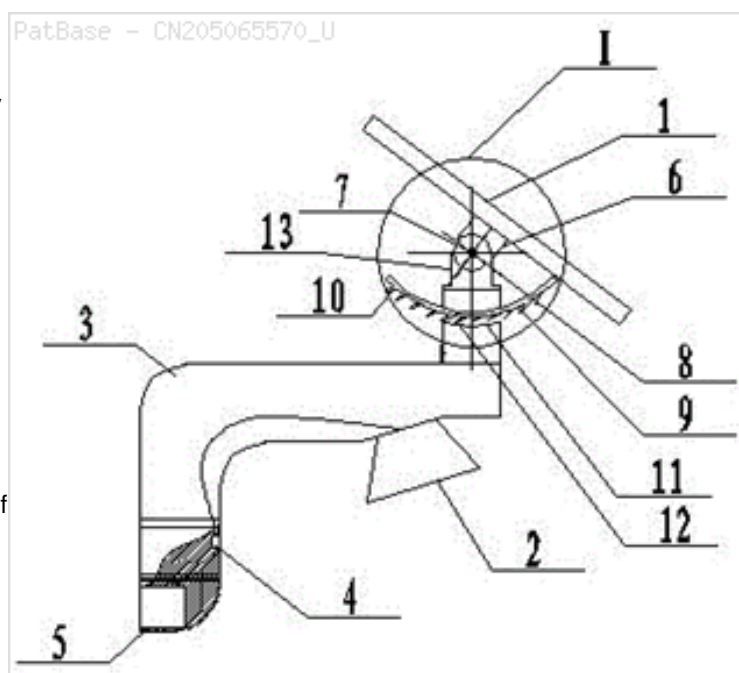
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Title: SOLAR ENERGY WALL LAMP OF ADJUSTABLE SOLAR PANEL ASSEMBLY ANGLE**Priority:** CN201520692284U 20150909**Family:**

Publication number	Publication date	Application number	Application date
<u>CN205065570 U</u>	20160302	CN201520692284U	20150909

Probable Assignee: DALIAN ECHO PHOTOELECTRIC TECH CO LTD**Assignee(s):^(std):** DALIAN ECHO PHOTOELECTRIC TECH CO LTD**Assignee(s):** DALIAN ECHO PHOTOELECTRIC TECHNOLOGY CO ; DALIAN YIKE OPTOELECTRONIC TECHNOLOGY CO LTD**Inventor(s):^(std):** FAN LI ; LIN YUN ; REN SHAOXIA ; WANG KUN**International class** F21S9/03 F21V23/00 F21Y101/02 (Advanced/Invention)
(IPC 8-9).[Classification Explorer](#)**Abstract:**

Source: CN205065570U The utility model belongs to a solar energy wall lamp of adjustable solar panel assembly angle, battery (5) and controller (4) are equipped with including solar panel assembly (1), LED lamp (2) and wall lamp support (3), at the lower extreme of wall lamp support (3), its characterized in that is fixed with diaxon bearing (6) in the middle of solar panel assembly's (1) the back, be equipped with bearing (7) on bearing frame (6), is equipped with axle (8) in bearing (7), with axle bed (13) fixed connection in the middle of the axle (8), axle bed (13) are with the top of screw fixation in wall lamp support (3), wall lamp support (3) upper portion is equipped with one cambered way (11), be equipped with in cambered way (11) one arc branch (9), the right -hand member and the solar panel assembly hinge of arc branch (9) connect movably. The utility model discloses an economize on electricity, engineering volume is little, not restricted by any place, simple to operate, pollution -free, green beautifies the environment.



157) Family number: 61912695 (WO16041000A1)

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Title: LOCALISED PERSONAL AIR CONDITIONING SYSTEM

Priority: AU20140903758 20140919 AU20150901307 20150413 WO2015AU50514 20150901

Family:

Publication number	Publication date	Application number	Application date
<u>AU2015318813 AA</u>	20160324	AU20150318813	20150901
<u>WO16041000 A1</u>	20160324	WO2015AU50514	20150901

Probable Assignee: CLOSE COMFORT PTY LTD

Assignee(s):^(std): CLOSE COMFORT PTY LTD

Inventor(s):^(std): TREVELYAN JAMES

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class E04H15/10 F24F1/50 F24F1/52 F24F13/08 F25D3/04 (Advanced/Invention)
(IPC 8-9):

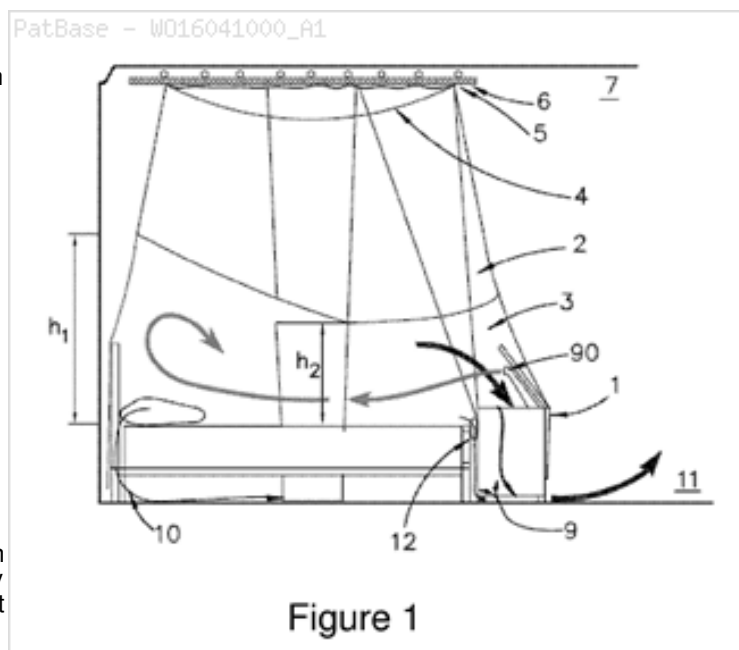
CPC: F24F2013/088 F24F5/0096 F24F13/0604

[Classification Explorer](#)

Cited documents: US3896634 A, US2567915 A, US2013143480 AA, US2008264461 AA,

Abstract:

An air conditioner system including a sleeping enclosure defining a sleeping space into which conditioned air is adapted to be delivered from one end or side of the sleeping space in a manner which maximizes contact between conditioned air and a person or persons in the sleeping space, the sleeping space including an upper air pervious section; and a lower relatively air impervious section adapted to surround a bed in the sleeping space and configured to minimize passage of the conditioned air from the sleeping space through the pervious section or other leakage paths; and an air conditioner unit for generating a conditioned air flow, wherein the impervious section extends to a height above the sleeping surface of the bed at the end or side of the bed opposed to said end or side sufficient to contain the conditioned air as it moves towards and returns from the opposite end or side of the sleeping space, and wherein the impervious section extends to a sufficiently increased height above the sleeping surface at the opposite end or side to allow the direction of air flow to reverse towards said one end or side without substantial loss of conditioned air through the pervious section.



158) Family number: 62117388 (WO16055686A8)

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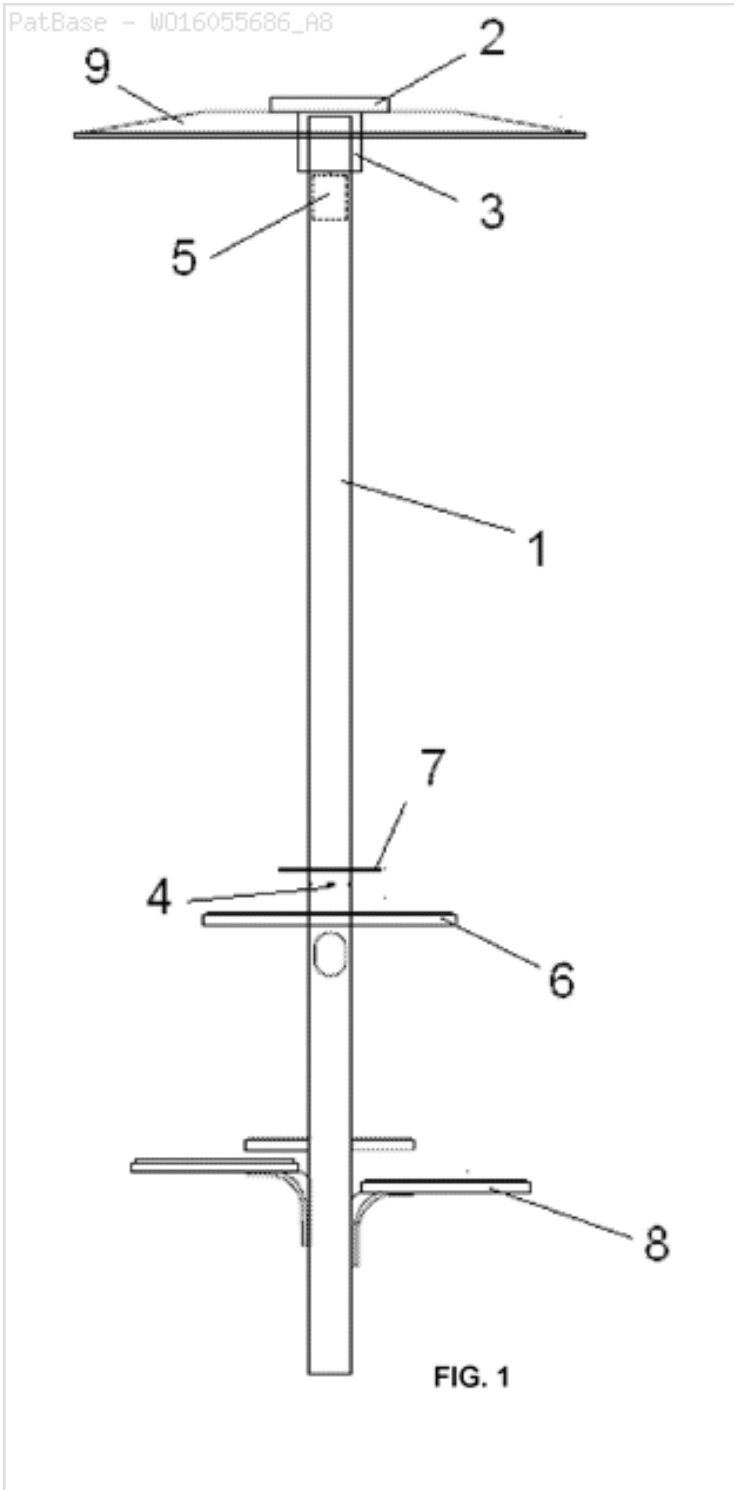
Title: SOLAR CHARGER FOR MOBILE DEVICES**Priority:** ES20140000789 20141010 ES20150031442 20151007

Family:	Publication number	Publication date	Application number	Application date
	ES2566233 AA	20160411	ES20140000789	20141010
	ES2566233 BA	20170207	ES20140000789	20141010
	ES2611762 AA	20170510	ES20150031442	20151007
	WO16055686 A1	20160414	WO2015ES70736	20151009
	WO16055686 A8	20160609	WO2015ES70736	20151009

Probable Assignee: IMAZ MAZQUIARAN INAKI**Assignee(s):**^(std): IMAZ MAZQUIARAN INAKI ; VINAS ALIAU MONTSERRAT I ; VINAS I ALIAU MONTSERRAT ; VINAS I ALIAU MONTSERRAT I**Assignee(s):** INAKI IMAZ MAZQUIARAN ; MONTSERRAT VINAS I ALIAU**Inventor(s):**^(std): IMAZ MAZQUIARAN INAKI ; VINAS ALIAU MONTSERRAT I ; VINAS I ALIAU MONTSERRAT ; VINAS I ALIAU MONTSERRAT I**Inventor(s):** INAKI IMAZ MAZQUIARAN ; MONTSERRAT VINAS I ALIAU**Agent(s):** GARCIA CABRERIZO GARCIA CABRERIZO PEDRO; GARCIA CABRERIZO Y DEL SANTO PEDRO MARIA**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): [H01L31/042](#) [H02J7/00](#) [H02S40/38](#) (Advanced/Invention)**CPC:** [H02S40/38](#) [H01L31/042](#) [H02J7/0027](#) [H02J7/00](#) [Y02E10/50](#)[Classification Explorer](#)**Cited documents:** WO12155286 A1,

Abstract:

The invention relates to a solar charger for devices, designed to be installed in a public space so that users can recharge their mobile devices, wherein the charger comprises: a securing column (1); a photovoltaic solar panel (2) housed in the upper part of the securing column (1); a battery (3) connected to the photovoltaic solar panel (2); a charge controller (5) connected to the battery (3) and to the photovoltaic solar panel (2); at least one module for connecting to a mobile device (4), which is accessible to users and connected to the charge controller (5); and means for securing to the ground, configured to keep the solar charger fixed to the ground.



159) Family number: 62232073 (EP3016240A3)

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Title: AUTONOME ELEKTRISCHE ENERGIEERZEUGUNGSEINHEIT UND IHRE ANWENDUNG FUER EINE ANTENNE AUTONOMOUS ELECTRICAL PRODUCTION UNIT AUTOREGULATED AND ITS UTILISATION FOR A RELAIS ANTENNA

Priority: FR20140002471 20141031

Family:	Publication number	Publication date	Application number	Application date
	EP3016240 A2	20160504	EP20150191895	20151028
	EP3016240 A3	20160608	EP20150191895	20151028
	FR3028108 A1	20160506	FR20140002471	20141031

Probable Assignee: CYRILLE LE FLOCH

Assignee(s):^(std) ARMOUDIAN SARKIS ; LE FLOCH CYRILLE

Assignee(s): SARKIS ARMOUDIAN ; CYRILLE LE FLOCH

Inventor(s):^(std) ARMOUDIAN SARKIS ; LE FLOCH CYRILLE

Inventor(s): SARKIS ARMOUDIAN ; CYRILLE LE FLOCH

Agent(s): SCHMIDT MARTIN PETER; IXAS CONSEIL

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

International class [F02B63/04](#) [H02J7/14](#) (Advanced/Invention)
(IPC 8-9).

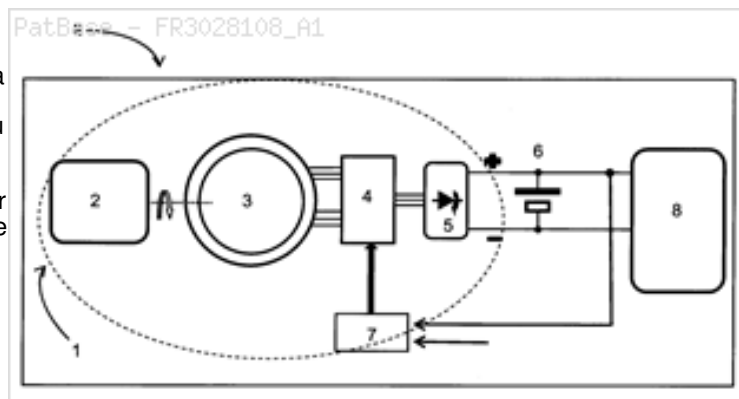
CPC: [H02J7/1469](#) [F02B63/042](#) [H02J7/1415](#) [H02J7/1476](#) [H02J7/32](#)

[Classification Explorer](#)

Cited documents: US7948218 BB, US7230819 BB, US6058299 A, US5198698 A, US4402288 A, GB2076036 A1, FR2127546 A5, FR1300302 A, ES2380848 AA, EP2746092 A2,

Abstract:

Source: EP3016240A3 Systeme ou dispositif autonome (1) pour fournir un courant continu a un consommateur, et notamment pour fournir un courant continu pour la charge regulee d'au moins une batterie (6), ledit systeme ou dispositif comprenant un moteur a combustion (2) alimente par un combustible, un alternateur (3) et un moyen redresseur de courant (5) apte a produire un courant continu, caracterise en ce que: – l'alternateur (3) est un alternateur synchrone fonctionnant en frequence variable (3), – le moteur a combustion (2) est accouple a l'alternateur (3), – le moyen redresseur de courant (5) est place en sortie de l'alternateur (3) et a l'entree du consommateur, qui peut etre une batterie (6), – le moteur a combustion (2) et l'alternateur (3) sont configures et/ou regles pour fournir une puissance telle que le courant continu issu du moyen redresseur (5) ne depasse pas une valeur predeterminee, et caracterise en ce que dans le systeme ou dispositif la vitesse du moteur (2) est modulee par l'intermediaire de la frequence de l'alternateur (3), cette derniere etant modulee par le courant continu appele par le consommateur.



160) Family number: 62395046 (CN205242317U)

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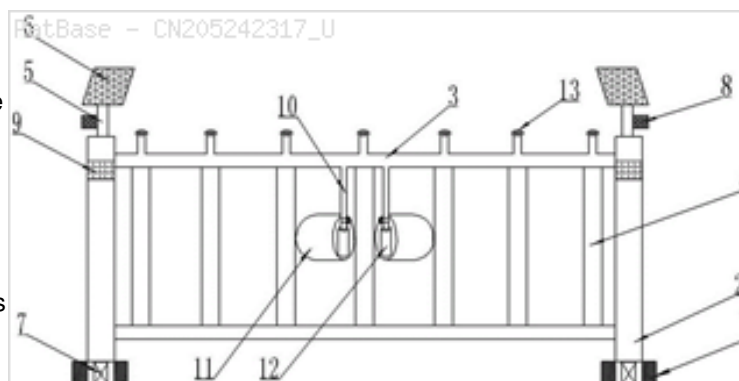
Title: HIGHWAY BARRIER WITH FOG DISPERSAL SNOW MELT DEVICE**Priority:** CN201521077452U 20151218**Family:**

Publication number	Publication date	Application number	Application date
<u>CN205242317 U</u>	20160518	CN201521077452U	20151218

Probable Assignee: ON BEHALF OF FOREST**Assignee(s):**^(std) DAI SENLIN ; GAO LI ; HU BING ; TIAN JING ; LIU YUYING ; TUO PENG ; HU QI**Assignee(s):** ON BEHALF OF FOREST ; QI HU ; KOREA ; DULY PENG**Inventor(s):**^(std) DAI SENLIN ; GAO LI ; HU BING ; HU QI ; LIU YUYING ; TIAN JING ; TUO PENG**International class** E01F15/04 E01H10/00 E01H13/00 (Advanced/Invention)
(IPC 8-9) :[Classification Explorer](#)**Abstract:**

Source: CN205242317U The utility model discloses a highway barrier with fog dispersal snow melt device, including base, stand, fence body, cylinder, support, solar cell panel, battery, photovoltaic inverter, LED reflector lamp, conveyer pipe, liquid storage pot, delivery pump and nozzle, stand and base fixed connection, solar cell panel installs photovoltaic inverter through setting up the leg joint at the stand top on the support, install the LED reflector lamp on stand upper portion, has a battery at base internally mounted, fence body and cylinder fixed connection are on the stand, and the cylinder is connected for sealing with the fence body junction,

equidistantly on fence body are equipped with a plurality of nozzles, and every certain distance sets up two liquid storage pots on the road bed, is equipped with a delivery pump on every liquid storage pot, and the delivery pump is linked together through conveyer pipe and fence body, can spray snow melt agent or fog dispersal agent to the highway road surface or the road surface sky through the guardrail in fog snow weather to quick snow melt is dispersed fog, has improved highway's driving safety.



161) Family number: 62737070 (WO16095050A1)

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Title:

METHOD AND SYSTEM FOR SENSING INTERIOR SPACES TO AUTO-GENERATE A NAVIGATIONAL MAP

Priority:

US20140093837P 20141218

Family:

Publication number	Publication date	Application number	Application date
WO16095050 A1	20160623	WO2015CA51343	20151217

Probable Assignee:

INNERSPACE TECHNOLOGY INC

Assignee(s):^(std):

GAMBLÉN JASON ; INNERSPACE TECHNOLOGY INC ; MACGILLIVRAY MATT ; WU JAMES

Inventor(s):^(std):

GAMBLÉN JASON ; MACGILLIVRAY MATT ; WU JAMES

Agent(s):

SABETA ANTON

Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9):

G01S1/00 G01S1/02 G01S5/00 G01S5/14 G01S7/02 (Advanced/Invention)

CPC:

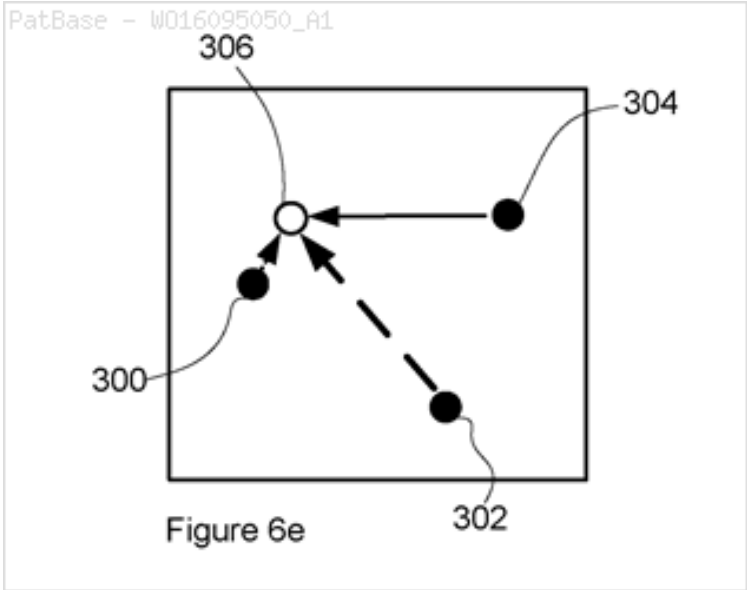
G01S17/89 G01S7/003 G01S5/14

[Classification Explorer](#)

Cited documents:

WO14172792 A1, US2007143006 AA, US2003080901 AA, EP1705459 A2,

Abstract:
A method for generating a routable map of a spatial environment, the method comprising the steps of: positioning a transponder in a location within said spatial environment at least one sensor; associating at least one sensor with said transponder, said at least one sensor being rotatable in at least one plane; measuring distances within said spatial environment with said at least one sensor relative to said location; and composing a local map model of spatial environment based on said measurements.



162) Family number: 63294527 (US2016242370A)

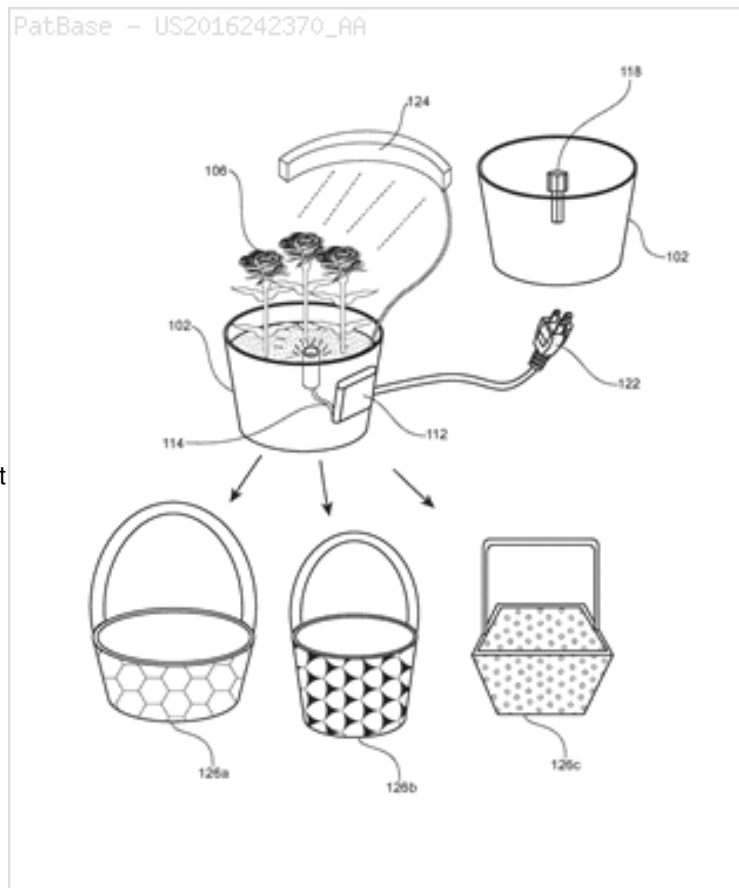
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Title: AUTOMATED PLANT IRRIGATION SYSTEM**Priority:** US20150117394P 20150217 US20160045197 20160216

Family:	Publication number	Publication date	Application number	Application date
	<u>US2016242370 AA</u>	20160825	US20160045197	20160216

Probable Assignee: KIDAKARN MICHAEL**Assignee(s):^(std):** KIDAKARN MICHAEL**Inventor(s):^(std):** KIDAKARN MICHAEL**International class** A01G27/00 A01G7/04 A01G9/02 (Advanced/Invention)
(IPC 8-9):**CPC:** A01G27/02 A01G7/045 Y02P60/146**US class:** 47/79[Classification Explorer](#)**Abstract:**

Source: US2016242370A An automated plant irrigation system provides a habitable plant environment that automatically generates moisture, sunlight, and proper soil conditions for a plant, and allows the plant to be displayed and transferred between indoor and outdoor environments. The system provides generally artificial means to grow the plant, so that the plant can grow indoors. A plant container is used to contain and display the plant and soil. Once the plant has grown to a desired size and configuration, the plant container can transfer the plant outdoors for natural growth conditions and presentation. The container may include an ornamental design and be encapsulated by a transparent housing to enhance the display of the plant. A light source directionally emits artificial sunlight on the plant. A liquid dispensing device dispensed water and liquid nutrients onto the plant and soil. A control system automatically controls dispensing moisture and artificial sunlight.



163) Family number: 64369165 (US2016363806A)

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Title: CARRYING CASE WITH ELECTROCHROMIC PANELS**Priority:** US20160244632 20160823 US20160259675 20160908

Family:	Publication number	Publication date	Application number	Application date
	<u>US2016363806 AA</u>	20161215	US20160244632	20160823
	<u>US2017115545 AA</u>	20170427	US20160259675	20160908

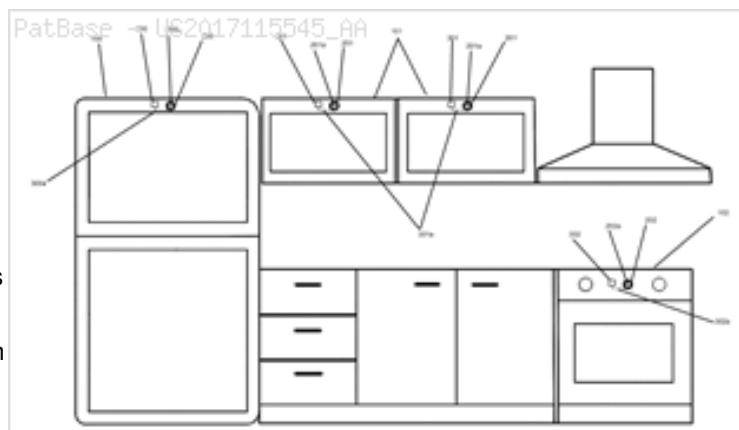
Probable Assignee: MOHAWK INNOVATIONS LTD**Assignee(s):**^(std) MOHAWK INNOVATIONS LTD**Inventor(s):**^(std) FRAM SCHWARTZ NOAH ; SINDERBRAND ALEXANDRA L ; YANEY MAXIMUS

International class A45C15/06 A45C3/00 A45C3/02 A45C3/06 A45C5/03 G02F1/133 G02F1/1333 G02F1/1334 G02F1/1335 G02F1/1347 G02F1/155 G02F1/163 G03B11/04 H04N5/225 H04N7/18 (Advanced/Invention)

CPC: G02F1/1334 G02F1/13318 G02F1/13342 G02F1/1336 G02F1/1347 A45C3/001 A45C15/06 A45C3/06 G02F2001/133342 A45C13/00 A45C2200/05 A45C2200/10 G02F1/163 H04N7/181 G02F1/155 H04N5/2254 G03B11/043 G02F1/133308

US class: 190/124[Classification Explorer](#)**Abstract:**

Source: US2016363806A This invention relates to a carrying case with at least one electrochromic panel that can reversibly change from an opaque "off-state" to a highly transparent "on-state" when a button, dial, switch, snap, voice command, remote device, toggle, proximity sensor, other pocket, pouch, or flap on the carrying case, temperature sensor, or any other type of actuator that applies a charge to the electrochromic panel is activated. The electrochromic panel can be on any facet of the carrying case or multiple electrochromic panels can layer on top of each other to create various effects. Each electrochromic panel can have varying properties including, but not limited to, unique textures, transparency when voltages are applied, polarizations, colors, densities, finishes, and/or holographic displays. The electrochromic panel can be used on various appliances, furniture, devices, and/or over optical lenses to prevent an unauthorized remote user from viewing scenes through the optical lens.



164) Family number: 64685088 (WO17009695A1)

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Title: MULTI-UTILITY MULTI-OBJECT TRANSFORMABLE PORTABLE MOBILITY APPARATUS**Priority:** IN2015MU02632 20150711

Family:	Publication number	Publication date	Application number	Application date
	<u>IN02632MU2015 A</u>	20170113	IN2015MU02632	20150711
	<u>WO17009695 A1</u>	20170119	WO2015IB57476	20150930

Probable Assignee: SADHANA DHIRAJ PANCHAL SANJAY**Assignee(s):^(std):** SADHANA DHIRAJ PANCHAL SANJAY**Assignee(s):** SANJAY SADHANA DHIRAJ PANCHAL**Inventor(s):^(std):** SADHANA DHIRAJ PANCHAL SANJAY**Inventor(s):** SANJAY SADHANA DHIRAJ PANCHAL**Agent(s):** BURDE SWATI

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class A47C B25H5/00 B60P3/42 (Advanced/Invention)
(IPC 8-9):

CPC: B60P3/42 B64C37/00[Classification Explorer](#)**Cited documents:** US2010139383 AA, US2009088939 AA,

The present invention discloses personalized portable inter-convertible multi-utility apparatus. The mobility apparatus is converted to a plurality of indoor and outdoor equipment like a bed, a seating chair, a travelling bag, a dining table, a study table, a sofa, a laptop table, a workstation, a shopping trolley, a tent, a lounge, a personal commuting vehicle, a social commuting unit, an exercycle and an emergency stretcher. The mobility apparatus comprises a plurality of hardware, software and firmware add-ons. The personalized mobility apparatus has plurality of multiple uses, and emotional stimulation system and information gathering and communication system, and personalization system.



165) Family number: 64975692 (US2017050467A)

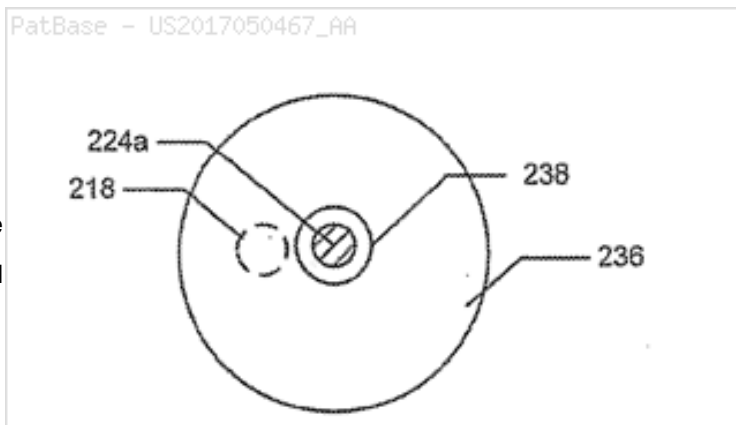
© PatBase

Title: INTELLIGENT CASTER SYSTEM WITH OCCUPANCY DETECTION AND OPTIONAL SOLAR PANEL FOR USE WITH A FURNITURE COMPONENT**Priority:** US20150208350P 20150821 US20160212915 20160718

Publication number	Publication date	Application number	Application date
US2017050467 AA	20170223	US20160212915	20160718

Probable Assignee: TOME INC**Assignee(s):^(std):** TOME INC**Inventor(s):^(std):** BALDINI MASSIMO ; BARCH ERIC CHRISTOPHER ; DANNE PHILIP J ; SIGAL JACOB R ; SUZUKI KENT**International class** B60B33/00 (Advanced/Invention)
(IPC 8-9).**CPC:** B60B33/0094 B60B33/0092 B60B33/026 B60W10/00 G08B21/22**US class:** 340/667[Classification Explorer](#)**Cited documents:** US8016351 BB, US7729880 BA, US5861582 A, US5090770 A, US2016339742 AA, US2016288568 AA, US2016127809 AA, US2015266342 AA, US2014324315 AA, US2013194072 AA, US2013117936 AA, US2010288322 AA, US2009231095 AA, US2009179760 AA, US2007114742 AA, US2005242635 AA, US2005236196 AA, US2003070233 AA,**Abstract:**

Source: US2017050467A The present disclosure relates to an electronic caster system for use with a furniture component. The system may have a caster with a body portion, a wheel supported for rolling movement relative to the body portion, and a neck portion. The neck portion may be adapted to be operably coupled to the furniture component to enable swiveling movement of the body portion. A processor may be provided which is supported on the caster. A sensing component may also be included which is carried on the caster for sensing a condition affecting the caster, and generating an output signal in accordance with the sensed condition to the processor.



166) Family number: 65085328 (WO17033065A1)

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Title: EQUIPPED SEAT OR BENCH**Priority:** IT201510000046635 20150826

IT2015UB03232 20150826

Family:

Publication number	Publication date	Application number	Application date
<u>WO17033065 A1</u>	20170302	WO2016IB51023	20160225

Probable Assignee: MEZZALIRA STEFANO**Assignee(s):^(std):** MEZZALIRA STEFANO ; SARTOR CRISTIAN**Inventor(s):^(std):** MEZZALIRA STEFANO ; SARTOR CRISTIAN**Agent(s):** BENETTIN MAURIZIO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class A47C11/00 A47C7/72 (Advanced/Invention)
(IPC 8-9):

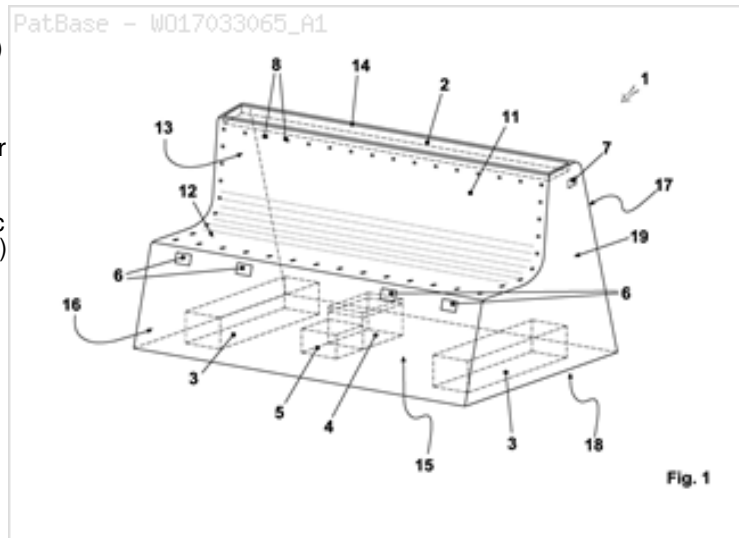
CPC: A47C7/72 A47C7/725 A47C11/00[Classification Explorer](#)**Cited documents:** US5329716 A,

DE202010007025 U1

CN204351422 U, CN203234373 U, CN201595453 U,

Abstract:

The invention is an equipped seat or bench (1) comprising a body (11) in a single piece provided with a seating surface (12), and wherein said body in a single piece is at least partially hollow, thus defining at least one inner housing compartment (15). The new seat (1) comprises also a photovoltaic panel (2), an accumulator (4) connected to said photovoltaic panel (2) and housed in said compartment (15) of said body (11), sockets (6) for battery recharge or connection in general for one or more electronic devices such as mobile phones, computers etc., means for connecting said sockets (6) to said accumulator (4).



- **search:** SS2 ft=(bed or furniture) and solar cell* and (LED* or bulb*) and batter* (Results 116)
- **List:** SS2 1-10 (ft=(bed or furniture) and solar cell* and (LED* or bulb*) and batter*) (Results 116)

1) Family number: 23064451 (FR1303629A)

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Title: APPAREIL DE PROTECTION CONTRE LE VOL PROTECTIVE EQUIPMENT THEFT
(Machine translation)

Priority: FR19610870000 19610803

Family:	Publication number	Publication date	Application number	Application date
	<u>FR1303629 A</u>	19620914	FR19610870000	19610803

Inventor(s):^(std): AGOSTINI ROBERT ACHILLE

International class
(IPC 8-9): G08B13/16 G08B13/22 (Advanced/Invention);
G08B13/16 G08B13/22 (Core/Invention)

International class
(IPC 1-7): G08B13/16 G08B13/22

CPC: G08B13/1672 G08B13/22

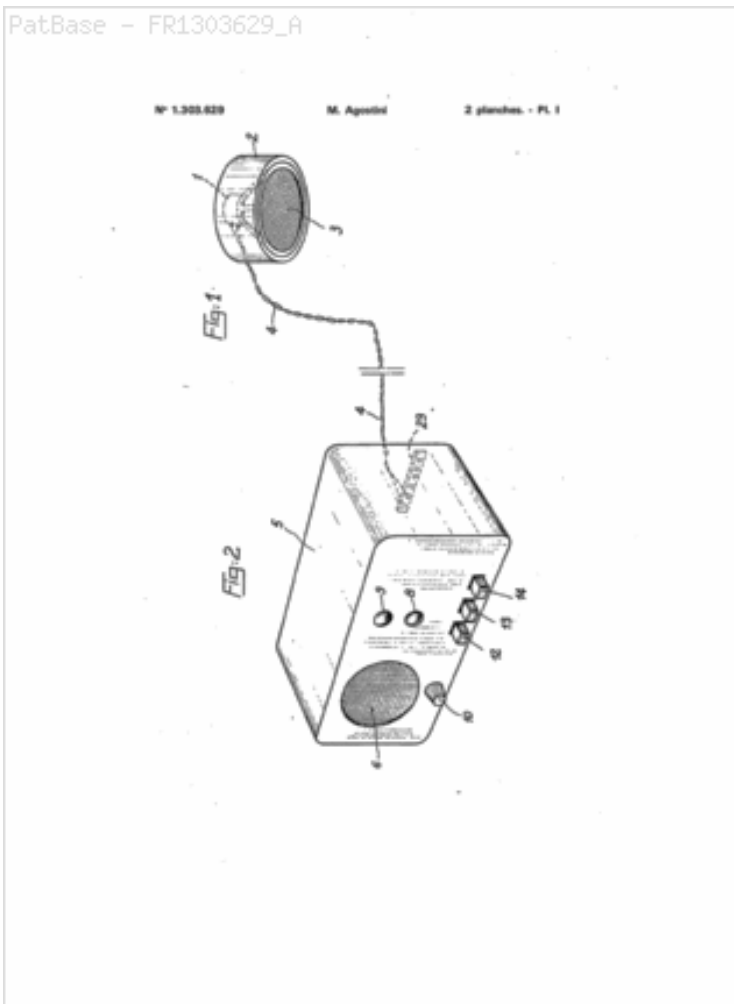
European class: G08B13/16B2 G08B13/22

[Classification Explorer](#)

Forward Citations: FR2289017, FR2289017,

Abstract:

Source: FR1303629A (Claim 1) 1, pouvant presenter en outre les particularites suivantes, prises separe ment ou selon les diverses combinaisons possibles a. Le detecteur acoustique comprend essentiel lement un microphone-haut-parleur de petites dimensions et de tres grande sensibilite, dispose A l'interieur d'un boitier de protection et relie au poste de commande par un fil souple a deux conducteurs; b. Le poste de commande comprend essentielle ment, a l'interieur d'un coffret metallique, un second microphone-haut-parleur, un amplificateur electronique, un bloc d'alimentation, un relais sensible, un relais de puissance, un premier commutateur, un second commutateur et un inverseur; c. Le premier commutateur met l'appareil en fonctionnement sur la position dite Delect, pour laquelle le detecteur acoustique provoque l'emission d'un signal d'alarme par le poste de commande, des qu'il capte un bruit de niveau superieur a un seuil reglable fixe d'avance; d. Le second commutateur libere le premier mais conserve l'alimentation de l'appareil qu'il met en fonctionnement sur la position dite ecoute, pour laquelle le signal d'alarme est interrompu et les bruits captes par le detecteur acoustique sont reproduits, apres amplification, par le haut-parleur du poste de commande; e. Le second commutateur etant en position ecoute, l'inverseur permet de placer l'appareil sur la position parole pour laquelle ce dernier fonctionne en interphone; f. L'amplificateur comprend deux etages en cascade suivis d'un etage push-pull, tous equipes avec des transistrons en montage a electrode emettrice commune, le premier de ces transistrons pouvant agir en outre comme oscillateur basse frequence pour emettre le signal d'alarme, lorsque ledit premier commutateur est sur la position dite detect; g. Cet amplificateur est attaque par un trans formateur basse frequence dont le secondaire est shunte par un potentiometre qui sert a regler le seuil de sensibilite de l'appareil; h. Le bloc d'alimentation, du type secteur par transformateur et redresseur, est



amovible et peut etre remplace par tout autre type, notamment par une batterie d'accumulateur ou une batterie de piles, y compris des piles solaires.

Machine translation: (Claim 1) 1, can also present the following peculiarities, taken separately or as various combinations has. The detector noise includes essentially a microphone-speaker small dimensions and very high sensitivity, arranged inside a protective case and connects to the control station by a flexible wire has two conductors b. The control station includes essentially, inside a metal box, a second microphone, speaker, amplifier electronics, power supply, a sensitive relay, power relay, a first switch, a second switch and an inverter c. The first switch turns the unit into operation on the position known detect, for which the acoustic detector causes the emission of an alarm signal by the control station, he picks up the noise level above a threshold adjustable pre-fixed, d. The second switch releases the first but keeps the power of the unit it puts into operation the position known as listen for which the alarm signal is interrupted and noise picked up by the acoustic sensor are reproduced, after amplification, by the speaker of the control e. The second switch being in position listen, the inverter can place the device on the position for which the latter word in intercom function f. The amplifier comprises two cascaded stages followed by a floor push-pull, all equipped with mounting transistors in a common emitter electrode, the first of these transistors can act also as a low frequency oscillator to emit the alarm signal, when said first switch is set to detect so-called g. This amplifier is attacked by a low frequency transformer whose secondary is shunted by a potentiometer that adjusts the threshold of sensitivity of the device, h. The power supply, industry type transformer and rectifier, is removable and can be replaced by any other type, including a storage battery or a battery pack, including solar cells.

0) DE2911041A1 – LAGEABHAENGIGKEITSSCHALTER POSITION-DEPENDENT S...

2) Family number: 1783689 (DE2911041A1)

© PatBase

Title: LAGEABHAENGIGKEITSSCHALTER POSITION-DEPENDENT SWITCH FOR WATCH
DISPLAY ILLUMINATION SOURCE – IS USED IN COMBINATION WITH LIGHT
SENSOR SWITCHING SYSTEM

Priority: DE19792911041 19790321

Family:	Publication number	Publication date	Application number	Application date
	<u>DE2911041 A1</u>	19801002	DE19792911041	19790321

Probable Assignee: ROETHKE ERNST ING GRAD

Assignee(s):^(std): ROETHKE ERNST ING GRAD

Assignee(s): ROETHKE ERNST ING

Inventor(s):^(std): ROETHKE ERNST ING GRAD

Inventor(s): ROETHKE ERNST ING

International class G04C3/00 H01H35/02 (Advanced/Invention);
(IPC 8-9): G04C3/00 H01H35/02 (Core/Invention)

International class G04C17/00 H01H35/02 H01H35/14
(IPC 1-7):

CPC: G04C3/002 H01H35/02

European class: G04C3/00K2 H01H35/02

[Classification Explorer](#)

Forward Citations: DE102004008636,

Abstract:

Source: DE2911041A1

Lageabhängigkeitsschaltung ggf in Kombination mit Licht Sensorschaltung, im Folgenden kurz Lageschaltkombination genannt Ansprüche 1 Lageschaltkombination (vorzugsweise gedacht fuer eine Uhr) dadurch gekennzeichnet, dass sie mindestens aus einem lageempfindlichen

Primar-Schaltelement (mechanisches bzw.

The switch has primary and secondary switch elements, the first operated mechanically or hydromechanically in response to its position and influencing the second which is connected in a control circuit, combined with a light

sensor switching system. The primary switch

element comprises a rolling or sliding element, a float, a conductive or insulating fluid, a

free-flowing granular mass, a bubble within a fluid, or a reeling element. The orientation

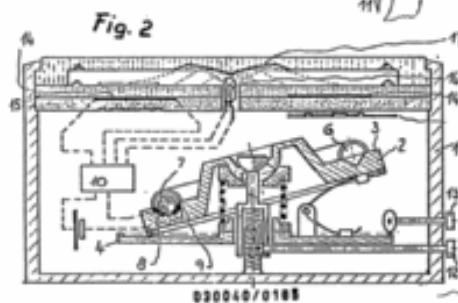
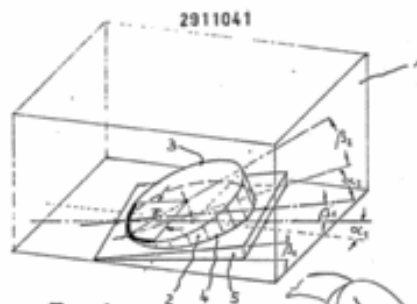
and/or the orientation direction of the position

- dependant system is variable for adjustment.

PatBase - DE2911041_A1

Nummer: 29 11 041
Int. Cl. H 01 H 35/14
Anmeldetag: 25. März 1979
Offenlegungstag: 5. Oktober 1980

- 45 -



030046/0188

0) DE2947106A1 – LAGEABHAENGIGKEITSSCHALTUNG GGF. IN KOMBINATION...

3) Family number: 1791015 (DE2947106A1)

© PatBase

Title: LAGEABHAENGIGKEITSSCHALTUNG GGF. IN KOMBINATION MIT LICHTSENSOR-SCHALTUNG POSITION-DEPENDENT SWITCH AND LIGHT SENSOR – HAS A ROLLING PRIMARY ELEMENT CONTROLLED BY GRAVITY TO CLOSE CONTACTS AND CONTROLS LED DISPLAY

Priority: DE19792947106 19790420

Family:	Publication number	Publication date	Application number	Application date
	<u>DE2947106 A1</u>	19801030	DE19792947106	19790420

Probable Assignee: ROETHKE ERNST ING GRAD

Assignee(s):^(std): ROETHKE ERNST ING GRAD

Assignee(s): ROETHKE ERNST ING

Inventor(s):^(std): ROETHKE ERNST ING GRAD

Inventor(s): ROETHKE ERNST ING

International class
(IPC 8-9): G04C3/00 H01H35/14 (Advanced/Invention);
G04C3/00 H01H35/14 (Core/Invention)

International class
(IPC 1-7): G04C17/00 H01H35/02 H01H35/14

CPC: G04C3/002 H01H35/14

European class: G04C3/00K2 H01H35/14

[Classification Explorer](#)

Forward Citations: EP0102939,

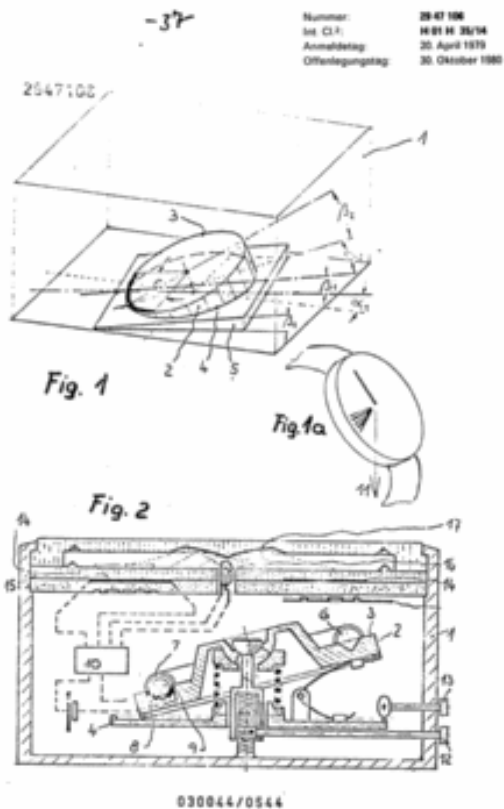
Abstract:

Source: DE2947106A1

Lageabhaengigkeitsschaltung ggf in Kombination mit Licht Sensorschaltung, im Folgenden kurz Lageschaltkombination genannt Ansprueche: Lsgeschaf)combination (vorzugsweise gedacht fuer eine Uhr) dadurch gekennzeichnet, dass sie mindestens aus einem lageempfindlichen

Primaer-Schaltelement (mechanisches bzw. The inclination indicating unit combined with a light sensor controls a liquid crystal display (14) held between glass plates (15). The lamp (16) is reflected by the silvering on the inside profile of the instrument covering glass to illuminate the dial. The primary switching element is formed by a ball (7) which tends to find a position nearest to the ground, and controlling switching contacts (8, 9) which act as the secondary elements. Setting of the inclination is ensured by knobs (12, 13) and there are different combinations for the shape and type of primary switching element. Indirect control of the unit is made with the auxiliary switch (10).

PatBase - DE2947106_A1



0) US4377722A – SOLAR CELL UNIT AND A PANEL OR BATTERY COMPOSED...

4) Family number: 4855043 (US4377722A)

© PatBase

Title: SOLAR CELL UNIT AND A PANEL OR BATTERY COMPOSED OF A PLURALITY OF SUCH SOLAR CELL UNITS

Priority: DK19790000780 19800225 DK19800000797 19800225 US19800212544 19801203
JP19790159487 19791208 JP19790159488 19791208

Family:	Publication number	Publication date	Application number	Application date
	DE3106884 A1	19820225	DE19813106884	19810224
	DK79780 A	19810826	DK19800000797	19800225
	FR2476917 A1	19810828	FR19810003431	19810220
	FR2476917 B1	19831230	FR19810003431	19810220
	GB2071414 A1	19810916	GB19810004740	19810216
	GB2071414 B2	19840919	GB19810004740	19810216
	JP56081963 A2	19810704	JP19790159487	19791208
	JP56081964 A2	19810704	JP19790159488	19791208
	JP56153780 A2	19811127	JP19810025603	19810225
	US4377722 A	19830322	US19810234199	19810213
	US4539490 A	19850903	US19850494266	19850513

Probable Assignee: TOKYO SHIBAURA ELECTRIC CO

Assignee(s):^(std): ELEKTRONIKCENTRALEN ; TOKYO SHIBAURA ELECTRIC CO

Assignee(s): ELEKTRONIKCENTRALEN 2970 HOERSHOLM DK ; ELEKTRONIKCENTRALEN VENLIGHEDSVEJ 4 DK 2970 HORSHO ; TOKYO SHIBAURA DENKI KABUSHIKI KAISHA

Inventor(s):^(std): IENSU UESUDEZU ; SEGAWA MAKOTO ; ARIIZUMI SHOJI ; IENSU BUESUDEZU ; ARIIZUMI SHIYOUJI ; WESTED JENS ; WESTED J

Inventor(s): JENS WESTED ; WESTED JENS 2730 HERLEV DK

International class
(IPC 8-9): [G05F3/20](#) [G11C11/4074](#) [G11C5/14](#) [H01L21/82](#) [H01L21/822](#) [H01L27/02](#) [H01L27/04](#) [H01L29/78](#) [H01L31/0236](#) [H01L31/042](#) [H01L31/052](#) [H01L31/054](#) (Advanced/Invention) ;
[G05F3/08](#) [G11C11/407](#) [G11C5/14](#) [H01L21/70](#) [H01L27/02](#) [H01L27/04](#) [H01L29/66](#) [H01L31/0236](#) [H01L31/042](#) [H01L31/052](#) (Core/Invention)

International class
(IPC 1-7): [G11C11/40](#) [H01L27/04](#) [H01L29/78](#) [H01L31/02](#) [H01L31/04](#) [H01L31/06](#) [H01L31/08](#) [H01L31/18](#)

CPC: [G05F3/205](#) [G11C5/146](#) [G11C11/4074](#) [H01L27/0222](#) [H01L31/0236](#) [Y02E10/52](#) [H01L31/0547](#)

European class: [G05F3/20S](#) [G11C11/4074](#) [G11C5/14P1](#) [H01L27/02B3B2](#) [H01L31/0236](#) [H01L31/052B](#) [Y02E10/52](#)

US class: [136/244](#) [136/255](#) [136/256](#) [136/259](#) [257/299](#) [257/313](#) [257/E31.13](#) [307/296R](#) [327/536](#) [327/537](#) [327/566](#)

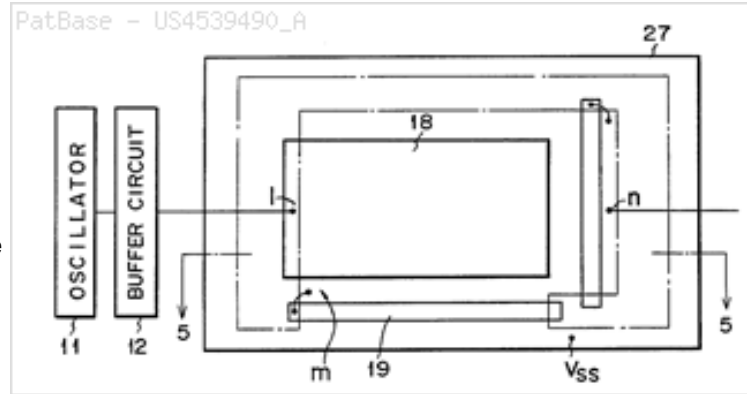
[Classification Explorer](#)

Cited documents: US4339766 A, US4255756 A, US4249196 A, US4168507 A, US4163245 A, US4141027 A, US4115794 A, US4044373 A, US3845331 A, US3806741 A, US3475609 A, US3310439 A, US2320185 A, JP54149489 A2, JP53078796 A2, JP53023287 A2, GB1193228 A, FR1574428 A,

Forward Citations: WO09062837, WO06134300, WO06134300, US9583661, US9500785, US9324598, US9318332, US9303314, US8997688, US8982523, US8871619, US8749053, US8697553, US8697552, US8675279, US6864664, US6509788, US5810945, US5725006, US5596207, US5248884, US5075749, US5043597, US4990870, US4973935, US4845390, US4737670, US4670669, US4591738, US4482779, US4482778, US2012218668, US2011162703, US2011139234, US2010323508, US2010051093, US2009309039, US2004257039, JP62188254, JP61049457, JP60103660, JP2009508147, GB2229574, GB2229574, GB2135512, GB2131229, FR2536911, FR2522880, FR2492541, EP0508970, EP0448869, EP0319063,

Abstract:

Source: US4377722A The effective area of a solar cell unit may be enlarged or increased considerably relative to its physical area by providing its exposed surface layer with a periodic structure or pattern, by which a local field is generated, a so-called Hartree harmonics field. The periodic structure is preferably a grating structure or pattern, and by orienting the solar cell edgewise so that the sunlight is grazing rather than oblique or directly perpendicular to the surface, its response factor may be increased up to a factor 11 theoretically.



5) Family number: 3300166 (US5090770A)

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Title: ELECTRICAL SEAT ADJUSTMENT DEVICE**Priority:** DE19893913849 19890427 DE19905007188 19900426**Family:**

Publication number	Publication date	Application number	Application date
<u>AU199053891 A1</u>	19901101	AU19900053891	19900424
<u>AU624499 B2</u>	19920611	AU19900053891	19900424
<u>DE3913849 A1</u>	19901031	DE19893913849	19890427
<u>DE59007188 D1</u>	19941027	DE19905007188	19900426
<u>EP0395057 A1</u>	19901031	EP19900107953	19900426
<u>EP0395057 B1</u>	19940921	EP19900107953	19900426
<u>ES2060851 T3</u>	19941201	ES19900107953T	19900426
<u>JP2299609 A2</u>	19901211	JP19900105506	19900423
<u>JP2944705 B2</u>	19990906	JP19900105506	19900423
<u>US5090770 A</u>	19920225	US19900510555	19900418

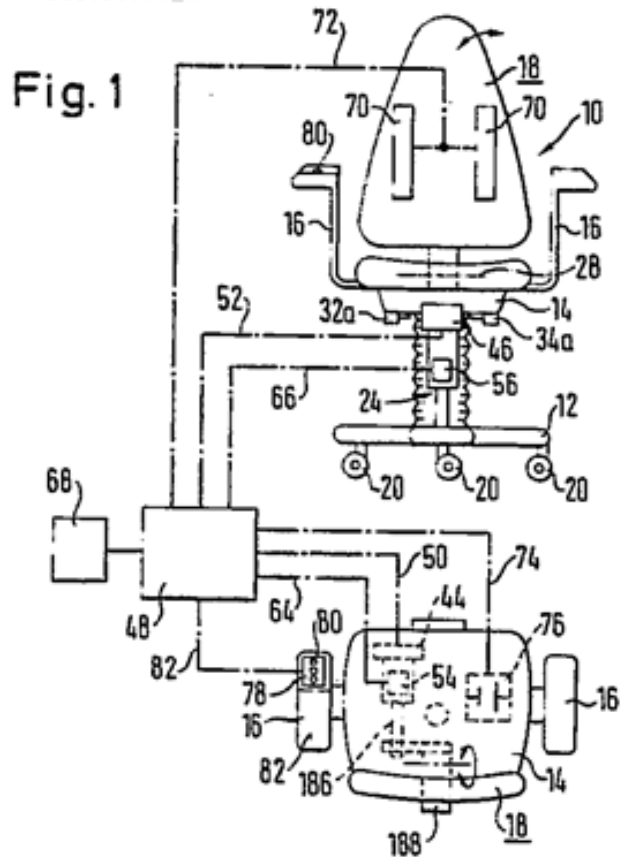
Probable Assignee: STABILUS GMBH**Assignee(s):^(std):** STABILUS GMBH**Assignee(s):** STABILUS GMBH 5400 KOBLENZ DE ; STABILUS GMBH 56070 KOBLENZ DE ; SHUTABIRUSU GMBH**Inventor(s):^(std):** ARUFUREETO DEIRUKUZEN ; DIRKSEN ALFRED ; ENDERS STEPHAN ; ENDERS STEPHAN DIPL ING ; HAINTSUUYOOZEPU HAINRITSUHSU ; HEINRICHS HEINZ JOSEF ; HEINRICHS HEINZ JOSEF DR ING ; SHIYUTEFUAN ENDERUSU ; UUDO BUAAGUNAA ; WAGNER UDO ; WAGNER UDO DIPL ING**Inventor(s):** WAGNER UDO DIPL ING 5421 DACHSENHAUSEN DE ; ALFRED DIRKSEN ; WAGNER UDO D 5421 DACHSENHAUSEN DE ; UUDO UAAGUNAA ; SHUTEFUAN ENDERUSU ; STEPHAN ENDERS ; UDO WAGNER ; HEINZ JOSEF HEINRICHS ; HEINRICHS HEINZ JOSEF D 5400 KOBLENZ METTERNICH DE ; ENDERS STEPHAN DIPL ING 5400 KOBLENZ DE ; ENDERS STEPHAN D 5400 KOBLENZ DE ; DIRKSEN ALFRED 5047 WESSELING DE ; DIRKSEN ALFRED D 5047 WESSELING DE**Agent(s):** FB RICE**Designated states:** DE ES FR GB IT**International class** A47C3/30 A47C9/02 (Advanced/Invention) ;
(IPC 8-9) : A47C3/20 A47C9/00 (Core/Invention)**International class** A47C1/02 A47C3/20 A47C3/22 A47C3/30 A47C9/02
(IPC 1-7) :**CPC:** A47C3/30**European class:** A47C3/30**US class:** 188/300 267/64.12 297/344.19 297/347 297/361 297/362.13[Classification Explorer](#)**Cited documents:** US4655505 A, US4589620 A, US4379588 A, US4257582 A, US4245826 A, US3559776 A, GB2159402 A1, GB1164155 A, GB1034347 A, DE3148724 A1, DE3027374 A1, DE2630483 A1,**Forward Citations:** WO9959831, WO9959831, WO16192699, WO10068122, WO09095725, WO07101554, WO07021926, WO04017798, USH1874, US9622579, US9033421, US8459736, US8382076, US8062190, US8002349, US7806244, US7731126, US7721399, US7614616, US7461884, US7114781, US7108324, US7108324, US7104583, US7007587, US6928710, US6585320, US6499795, US6425636, US6334607, US6019429, US6012775, US6007130, US5979617, US5915674, US5899530, US5868687, US5791731, US5765804, US5678886, US5671972, US5538115, US5522641, US5516082, US5511759, US5437354, US5435625, US2017050467, US2014210236, US2011193372, US2008258021, US2008245631, US2008010802,

US2007102979, US2007099766, US2007035164, US2006284354, US2006082203, US2005022661, US2004135418, NL1012535, JP2008224036, DE102015006949, DE102009053312, DE102009053312, DE102008018654, DE102008018654, DE102007012222, DE102007003707, DE102006020146, DE102006020146, DE102006009887, AU2003250652,

Abstract:

Source: US5090770A In the case of an item of seating furniture, particularly an office chair, comprising at least one seat adjusting device, for example for adjusting the height of the seat, with a spring element engaging the two parts of the seat which are to be adjusted in respect of each other, particularly a pressurized fluid filled spring, and with a locking device for the separable fixing of the two seat parts in whatever is the desired and selected adjusted position, the use of an electrical actuating element for the locking device is proposed, which is connected to a manually operable control means for the at least one seat adjustment, this allowing simplified operation with minimal structural expenditure.

PatBase - US5090770_A



0) US5037917A – PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

6) Family number: 29233865 (US5037917A)

© PatBase

Title: PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

Priority: CA19912057309 19911209 CN19911012744 19911209 US19890364667 19890609
 US19900534819 19900607 US19910720553 19910625 US19910673884 19910322
 US19910673882 19910322 US19900625588 19901210 US19890451404 19891215
 US19930054648 19930426 US19930159892 19931201 US19920929742 19920813
 US19960679324 19960712 US19950373163 19950117 US19930077472 19930615
 WO1990US03151 19900604 WO1990US03151 19900604 US19930054647 19930426
 WO1994US04274 19940419 WO1994US04273 19940419

Family:

Publication number	Publication date	Application number	Application date
<u>AT112575 E</u>	19941015	AT19900909909T	19900604
<u>AU199059265 A1</u>	19910107	AU19900059265	19900604
<u>AU619125 B2</u>	19920116	AU19900059265	19900604
<u>CA2031185 AA</u>	19901206	CA19902031185	19900604
<u>CA2057309 AA</u>	19920611	CA19912057309	19911209
<u>CA2159910 AA</u>	19951004	CA19942159910	19940419
<u>CA2160700 AA</u>	19951016	CA19942160700	19940419
<u>CN1073137 A</u>	19930616	CN19911012744	19911209
<u>DE69013120 D1</u>	19941110	DE19906013120	19900604
<u>DE69013120 T2</u>	19950511	DE19906013120T	19900604
<u>EP0428708 A1</u>	19910529	EP19900909909	19900604
<u>EP0428708 B1</u>	19941005	EP19900909909	19900604
<u>EP0490335 A2</u>	19920617	EP19910121160	19911210
<u>EP0490335 A3</u>	19930203	EP19910121160	19911210
<u>EP0696309 A1</u>	19960214	EP19940916541	19940419
<u>FI910628 A0</u>	19910208	FI19910000628	19910208
<u>IE914262 A1</u>	19920617	IE19910004262	19911209
<u>JP04500388 T2</u>	19920123	JP19900509841T	19900604
<u>JP08509765 T2</u>	19961015	JP19940524352T	19940419
<u>JP3022921 B2</u>	20000321	JP19900509841T	19900604
<u>JP4325237 A2</u>	19921113	JP19910325977	19911210
<u>JP4500388 T2</u>	19920123	JP19900509841T	19900604
<u>JP8509765 T2</u>	19961015	JP19940524352T	19940419
<u>KR100191390 B1</u>	19990615	KR19910070146	19910208
<u>NO177824 B</u>	19950821	NO19910000518	19910208
<u>NO177824 C</u>	19951129	NO19910000518	19910208
<u>NO910518 A</u>	19910208	NO19910000518	19910208
<u>NO910518 A0</u>	19910208	NO19910000518	19910208
<u>TW200492 B</u>	19930221	TW19900110361	19901208
<u>TW223096 B</u>	19940501	TW19910109658	19911209
<u>US5037917 A</u>	19910806	US19890364667	19890609
<u>US5037918 A</u>	19910806	US19890451404	19891215
<u>US5066746 A</u>	19911119	US19900534819	19900607
<u>US5159036 A</u>	19921027	US19910673884	19910322
<u>US5159037 A</u>	19921027	US19910720553	19910625
<u>US5159038 A</u>	19921027	US19910673882	19910322
<u>US5246782 A</u>	19930921	US19900625588	19901210
<u>US5364547 A</u>	19941115	US19930054647	19930426

<u>US5364917 A</u>	19941115	US19930159892	19931201	
<u>US5409777 A</u>	19950425	US19930077472	19930615	
<u>US5730922 A</u>	19980324	US19960679324	19960712	
<u>WO9015082 A1</u>	19901213	WO1990US03151	19900604	
<u>WO9425505 A1</u>	19941110	WO1994US04273	19940419	
<u>WO9425547 A1</u>	19941110	WO1994US04274	19940419	

Probable Assignee: DOW CHEMICAL CO

Assignee(s):^(std): MORGAN TED A ; RICHEY W FRANK ; EZZELL BOBBY R ; BABB DAVID A ; CLEMENT KATHERINE S ; DOW CHEMICAL INT CO LTD ; THE DOW CHEMICAL COMPANY ; DOW CHEMICAL CO

Assignee(s): DOW CHEMICAL CO A CORP OF DELAWARE ; THE DOW CHEMICAL CO MIDLAND MICH US ; THE DOW CHEMICAL COMPANYUS ; DOW CHEM CO ; DOW CHEM CO THE ; BRATTON LARRY D ; DOW CHEMICAL COMPANY ; DOW CHEMICAL CO THE ; DOW CHEMICAL COMPANY THE ; RICHEY W ; THE DOW CHEMICAL CO ; DOW CHEMICAL CO A OF DE CORP ; JEZIC ZDRAVKO ; PERETTIE DONALD J ; KENNEDY ALVIN P ; LANE ECKEL R

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Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR

Designated states: AT AU BE CA CH DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL NO PT SE US

International class
(IPC 8-9): A47J36/04 B32B27/00 B32B27/06 B32B27/28 B32B27/32 C07C17/26 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C07D209/48 C07D487/04 C08F12/20 C08F136/14 C08F136/16 C08F14/18 C08F16/14 C08F16/24 C08F16/32 C08F30/00 C08F30/02 C08F36/04 C08F36/16 C08G18/73 C08G18/75 C08G59/40 C08G64/00 C08G64/14 C08G65/00 C08G65/40 C08G73/10 C08G73/12 C08G75/02 C08G75/04 C08J5/04 C08L27/12 C09D127/12 C09D157/08 C10M105/54 C10M105/72 C10M107/38 C10M107/46 C10M131/10 C10M135/22 C10M147/04 C10M151/04 G01R31/28 G11B5/71 G11B5/725 H04L1/22 (Advanced/Invention);
C08F30/00 C08G65/00 C10N30/08 C10N40/18 C10N50/08 (Advanced/Non-invention);
A47J36/02 B32B27/00 B32B27/32 C07C17/00 C07C43/00 C07C65/00 C08F12/00 C08F14/00 C08F16/00 C08F30/00 C08F36/00 C08G18/00 C08G59/00 C08G64/00 C08G65/00 C08J5/04 C09D127/12 C09D157/00 C10M105/00 C10M107/00 G01R31/28 H04L1/22 (Core/Invention);
B32B27/06 C08F14/18 C08L27/12 (Core/Non-invention)

International class
(IPC 1-7): A47J36/04 B29B7/00 B29C43/10 B29C43/18 B32B27/00 B32B27/06 B32B27/28 B32B27/30 B32B27/32 B32B3/00 B32B9/04 C06F14/18 C07C327/00 C07D209/48 C07D487/04 C08F114/18 C08F12/20 C08F136/14 C08F136/16 C08F14/16 C08F14/18 C08F16/24 C08F16/32 C08F214/18 C08F259/08 C08F30/00 C08F36/16 C08F5/00 C08G18/75 C08G59/40 C08G63/66 C08G64/14 C08G65/00 C08G65/40 C08G73/10 C08G73/12 C08G75/04 C08J5/00 C08J7/04 C09D157/08 C10M105/18 C10M105/50 C10M105/54 C10M105/72 C10M107/38 C10M107/46 C10M131/10 C10M135/22 C10M147/04 C10M151/04 C10N30/08 C10N40/18 C10N40/25 C10N50/08 G11B5/71 H01B3/00

CPC: C07C17/269 C07C17/361 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C08F16/32 C07D209/48 C08G73/1039 C08G73/123 C10M131/10 C10M147/04 C10M2213/00 C10M2213/04 C10M2213/06 C10N2240/10 C10N2240/101 C10N2240/104 C10N2240/106 C10N2240/20 C10N2240/201 C10N2240/202 C10N2240/203 C10N2240/204 C10N2240/205 C10N2250/121 G11B5/725 C08F14/185 Y10S428/901 Y10S428/934 C08J5/04 C08J2327/12 C09D127/12 C09D157/08 C10M105/54 C10M107/38 H01G4/18 Y10T428/131 Y10T428/16 Y10T428/29 Y10T428/31504 Y10T428/3154 Y10T428/31554 Y10T428/31558 Y10T428/31565 Y10T428/31573 Y10T428/31598 Y10T428/31601 Y10T428/31667 Y10T428/31692 Y10T428/31743 Y10T428/31797 Y10T428/3192 C07C2603/18

European class: C07C17/269 C07C17/26B10 C07C17/361 C07C43/17 C07C43/225 C07C65/21 C07C65/24 C07D209/48 C08F14/18B C08F16/32 C08G73/10F C08G73/12F C08J5/04

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US class:

252/54 264/257 264/258 264/328.1 264/331.11 264/331.19 264/331.21 428/34.4 428/357
428/411.1 428/421 428/423.3 428/423.4 428/423.7 428/424.2 428/425.5 428/425.6 428/44
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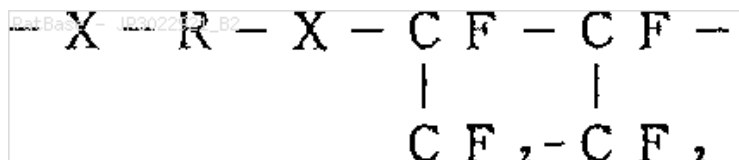
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Abstract:

Source: US5037917A A process for preparing a polymer having perfluorocyclobutane rings by the steps of (a) contacting monomers having at least two dimerizable perfluorovinyl groups; and (b) exposing the monomers to sufficient heat and for a sufficient time that a

polymer containing perfluorocyclobutane rings is formed. The invention includes polymers having a backbone comprising hydrocarbyl groups, perfluorocyclobutane rings and non-carbon atoms and polymers of at least 10,000 molecular weight having repeating units [O-(CFRf)n-O-perfluorocyclobutane].



0) US5127735A – SYSTEM FOR MEASURING THE POSITION IN SPACE OF A...

7) Family number: 5073689 (US5127735A)

© PatBase

Title: SYSTEM FOR MEASURING THE POSITION IN SPACE OF AN OBJECT USING A LIGHT BEAM

Priority: GB19890020448 19890909

Family:

Publication number	Publication date	Application number	Application date
EP0417934 A2	19910320	EP19900309445	19900829
EP0417934 A3	19910612	EP19900309445	19900829
GB8920448 A0	19891025	GB19890020448	19890909
JP3144301 A2	19910619	JP19900237283	19900910
US5127735 A	19920707	US19900577737	19900905

Probable Assignee: RENISHAW PLC

Assignee(s):^(std): RENISHAW PLC

Assignee(s): RENISHAW PLC GLOUCESTER STREET WOTTON UNDER EDGE G

Inventor(s):^(std): GIRIESU DEIBITSUDO PITSUTO ; PITT GILLIES D ; PITT GILLIES DAVID

Designated states: CH DE FR GB IT LI SE

International class [G01B11/00 G01B9/02](#) (Advanced/Invention);
(IPC 8-9): [G01B11/00 G01B9/02](#) (Core/Invention)

International class [G01B9/02](#)
(IPC 1-7):

CPC: [G01B9/02029 G01B9/02068 G01B9/0207 G01B11/005](#)

European class: [G01B11/00D1 G01B9/02](#)

US class: [356/358 356/500](#)

[Classification Explorer](#)

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Forward Citations: WO10105083, WO10065135, WO0101067, USRE45565, US9631922, US9631921, US9474831, US9421286, US9149648, US9101678, US9005263, US8958055, US8888731, US8803055, US8753304, US8734718, US8706211, US8702640, US8647292, US8585627, US8472029, US8460229, US8414517, US8366652, US8343086, US8282593, US8216173, US8162924, US8120780, US8081297, US8049867, US8040525, US7835011, US7271917, US7207327, US7164481, US7079261, US6655215, US6573996, US6547397, US6501550, US5991033, US5543914, US5537209, US5404222, US2011170113, US2011007327, US2011007305, US2011001958, US2010292629, US2010249692, US2010241053, US2010241052, US2010241051, US2010241050, US2010241049, US2010241048, US2010176270, US2009177139, US2009171263, US2009048648, US2007171428, US2006250617, US2005274376, JP2009229235, FR2974631, EP1510812, CN102022977,

Abstract:

Source: US5127735A A measuring system for measuring the position of an object comprises a laser (10), a laser interferometer (16), and a detector (24). A series of sensors for sensing environmental conditions are provided; the sensors may be attached to the object. The sensors transmit information back to a central control (46) via LED transmitter (54). The transmitter (54) is powered from a battery (56) which is in turn charged by transducing (with a solar cell) part of the power of the light beam (12) generated by the laser (10). The sensors may be temperature sensors, pressure sensors, humidity sensors, refractive index sensors, vibration sensors, or beam alignment sensors.

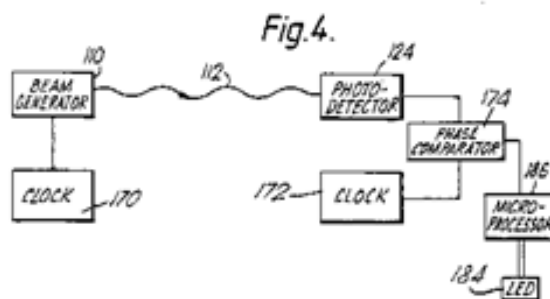
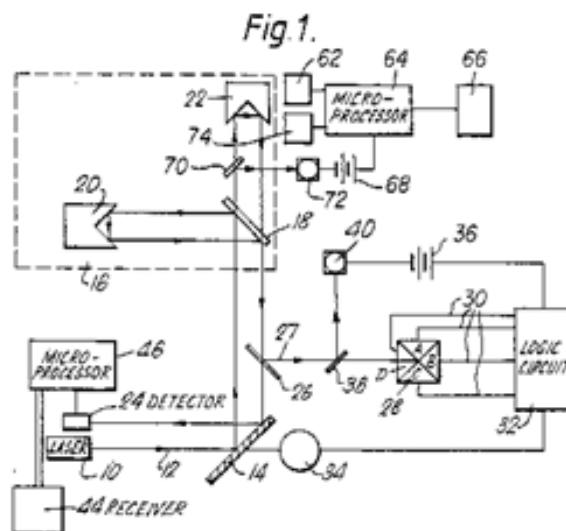
PatBase - US5127735_A

U.S. Patent

July 7, 1992

Sheet 1 of 3

5,127,735



8) Family number: 20308714 (US5352342A)

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Title: Method and apparatus for preventing corrosion of metal structures
Priority: US19930034783 19930319 US19940292965 19940822 WO1994US02801 19940321
Family:

Publication number	Publication date	Application number	Application date
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Assignee(s):^(std) GRAHAM OTHO L ; MARINE ENVIRONMENTAL RES ; RIFFE WILLIAM ; RIFFE WILLIAM J
Assignee(s): WILLIAM J RIFFE ; WILLIAM RIFFE ; WILLIAM J RALPH ; MARINE ENVIRONMENTAL RESEARCH INC
Inventor(s):^(std) REVI WILLIAM J ; RIFFE WILLIAM ; RIFFE WILLIAM J
Inventor(s): WILLIAM J RIFFE ; WILLIAM RIFFE
Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; OGILVY RENAULT LLP SENCRL SRL; SARGENT
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KG KP KR KZ LI LK LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG TJ TT UA UZ VN
International class
 (IPC 8-9): [C03B11/02](#) [C09D5/08](#) [C23F13/00](#) [C23F13/02](#) [C23F15/00](#) (Advanced/Invention);
[C23F13/00](#) (Advanced/Non-invention);
[C03B11/02](#) [C09D5/08](#) [C23F13/00](#) (Core/Invention)
International class
 (IPC 1-7): [C23F](#) [C23F13/00](#) [C23F13/02](#) [C23F15/00](#)
CPC: [C09D5/08](#)

European class: C09D5/08

US class: 204/147 204/196 204/196.01 204/196.26 204/196.27 204/196.36 205/735 205/740

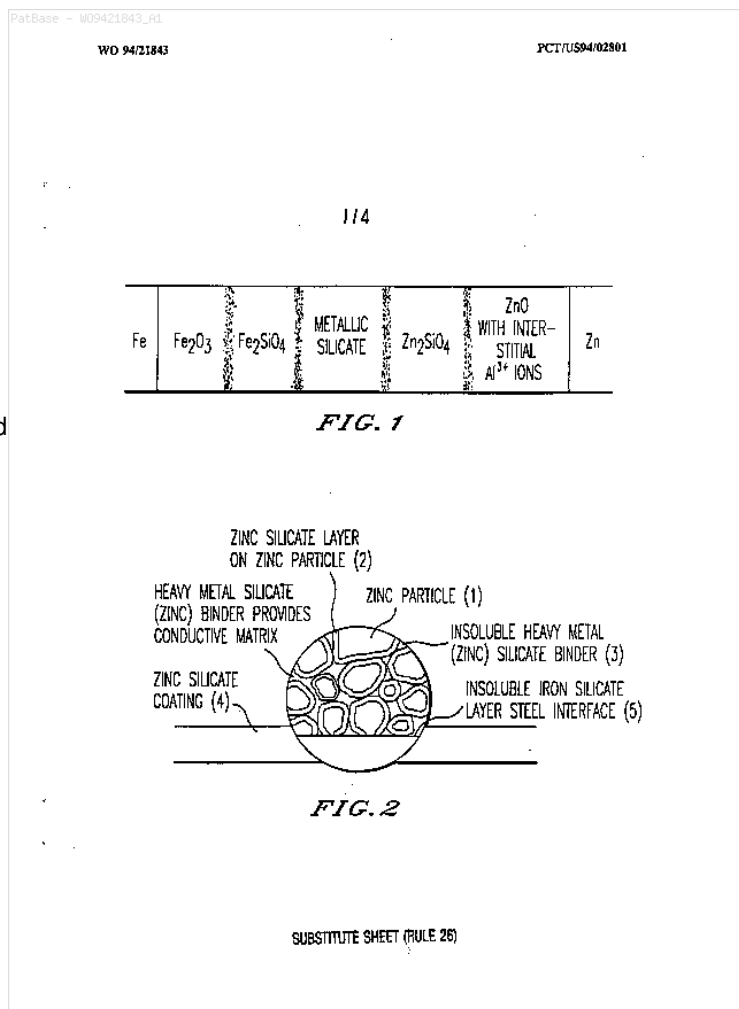
[Classification Explorer](#)

Cited documents: US911260 A, US5055165 A, US5009757 A, US414943 A, US4136309 A, US3612898 A, US3581148 A, US3205381 A, US28793 A, US2813242 A, US2584623 A, US129971 A, US126356 A, SU571786 T, JP52036064 A2, DE3621810 A1, DE2451315 A1,

Forward Citations: WO04016826, WO02101117, WO0206563, WO0143173, US8496511, US7318889, US7244498, US7041895, US7029569, US6994779, US6933046, US6890420, US6866896, US6866770, US6811681, US6599643, US6592738, US6572756, US6562201, US6551491, US6524466, US6508349, US6399021, US6325915, US6258243, US6153080, US6149794, US6080334, US6024861, US5750071, US5650060, US2007252316, US2007098990, US2007023295, US2006090915, US2005176851, US2005109635, US2004188262, US2004134795, US2004089559, US2004051332, US2003230494, US2003178317, US2003165627, KR100897320, KR100822090, KR100765589, JP2004504488, JP2003519725, EP1785510, EP1412556, EP1316913, EP1236223, AU784620, AU2001280458,

Abstract:

Source: US5352342A A system for preventing corrosion of a surface of a metal structure in contact with a corrosive environment comprising: (a) a conductive zinc silicate coating in conductive contact with at least part of the surface, wherein the conductive zinc silicate coating forms an interfacial layer between the surface and the corrosive environment; and (b) means for imparting a net negative bias to the metal structure, wherein the means comprise a power supply means having a negative terminal directly coupled to the metal structure and a positive terminal coupled to a portion of the metal structure, remote from the negative terminal, by way of a capacitor or resistor, and a method of preventing corrosion using the system.



9) Family number: 10695421 (US5727103A)

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Title: OPTICAL LEAKAGE PREVENTING APPARATUS AND SELF-LIGHT-EMITTING INDICATING APPARATUS USING THE SAME

Priority: GB19940022625 19941109 JP19930279930 19931109 JP19940261616 19940930
 JP19940136186 19940617 JP19940253939 19941019 JP19940250811 19941017
 US19960773590 19961227 US19940336211 19941104

Family:	Publication number	Publication date	Application number	Application date
	<u>CN1115035 A</u>	19960117	CN19941018091	19941109
	<u>GB2283832 A1</u>	19950517	GB19940022625	19941109
	<u>GB2283832 B2</u>	19980121	GB19940022625	19941109
	<u>GB2308896 A1</u>	19970709	GB19970002300	19941109
	<u>GB2308896 B2</u>	19980121	GB19970002300	19941109
	<u>GB2308897 A1</u>	19970709	GB19970002793	19941109
	<u>GB2308897 B2</u>	19980121	GB19970002793	19941109
	GB9422625 A0	19950104	GB19940022625	19941109
	GB9701931 A0	19970319	GB19970001931	19970130
	GB9702300 A0	19970326	GB19970002300	19941109
	GB9702793 A0	19970402	GB19970002793	19941109
	<u>JP8171352 A2</u>	19960702	JP19940253939	19941019
	<u>KR100348541 B1</u>	20021123	KR19940029157	19941108
	<u>KR19950014909 A</u>	19950616	KR19940029157	19941108
	<u>MY122549 A</u>	20060429	MY19940002960	19941108
	<u>SG48864 A1</u>	19980518	SG19960003166	19941109
	<u>TH19169 A</u>	19960614	TH19941002389	19941107
	<u>TW288234 B</u>	19961011	TW19940109866	19941026
	<u>US5727103 A</u>	19980310	US19960773590	19961227
	<u>VN331 A1</u>	19970425	VN19940000873	19941031
	<u>VN331 A3</u>	19970425	VN19940000873	19941031
	<u>VN332 A1</u>	19970425	VN19960002503	19941031
	<u>VN332 A3</u>	19970425	VN19940000873	19941031

Probable Assignee: SANYO ELECTRIC CO

Assignee(s):^(std): SANYO ELECTRIC CO ; SANYO ELECTRIC MACHINERY CO LTD

Assignee(s): SANYO ELECTRIC CO LTD

Inventor(s):^(std): KUNIO OKAMOTO ; MATSUSAKA KAJI ; MATSUSAKA YOSHIHARU ; MATSUZAKA YOSHIHARU ; OKAMOTO KUNIO ; YOSHIHARU MATSUSAKA

Inventor(s): YoshiharuOkamoto ; Matsusaka ; KAJI MATSUSAKA ; Kunio

International class
^{(IPC 8-9):} E01F9/00 E01F9/016 G01J1/42 G02B6/10 G02B6/36 G02B6/40 G02B6/42 G09F9/30
G09F9/305 (Advanced/Invention);
G02B6/00 G09F13/04 G09F9/305 (Advanced/Non-invention);
G01J1/42 G02B6/36 G02B6/40 G02B6/42 G09F9/30 (Core/Invention);
G09F13/04 G09F9/30 (Core/Non-invention)

International class
^{(IPC 1-7):} E01F9/00 G02B6/00 G02B6/36 G02B6/42 G02B7/00 G06F13/00 G09F13/00 G09F13/20
G09F9/30

CPC: G02B6/3644 G02B6/3664 G09F27/007 Y10S385/901 G02B6/4298 G02B6/403
G02B6/4202 G02B6/4249 G09F9/305 G09F2009/3055 G09F2013/0472

European class: G02B6/40B G02B6/42C2 G02B6/42L G09F9/305 S02B6/36M2H S02B6/36M6
S02B6/42C8 S09F13/04R12 S09F9/305T

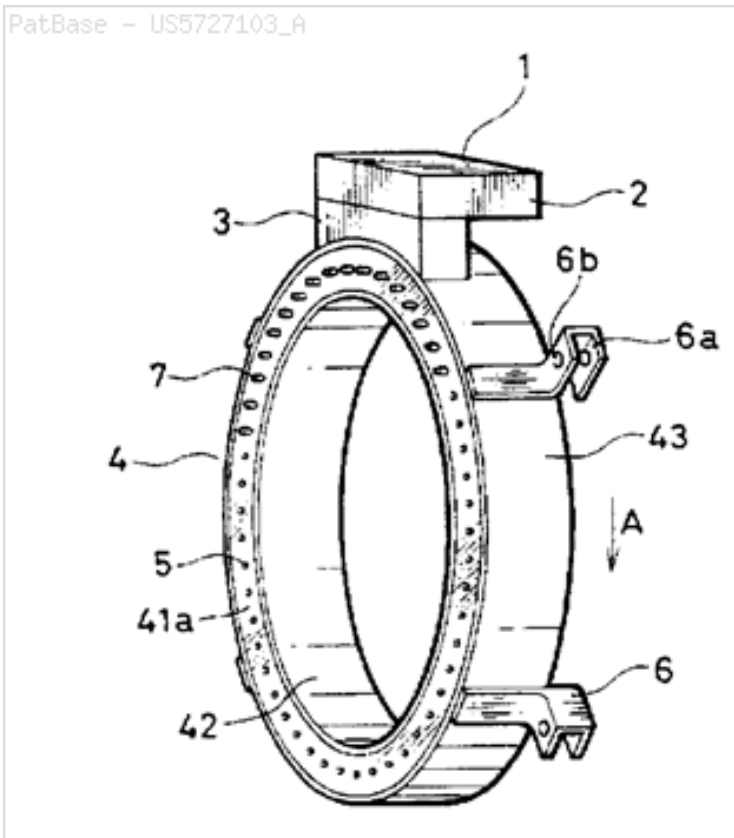
US class: 385/89 385/901

Cited documents: WO9221997 A1, US5295221 A, US5193893 A, US5151679 A, US5103581 A, US5066947 A, US5040320 A, US4922384 A, US4917448 A, JPS635579, JPS63205689, JP63205689 A2, GB2201023 A1, GB2003294 A1, GB1481334 A, GB1374995 A, GB1309305 A, GB1203010 A, EP0562873 A1, EP0544149 A1, EP0467034 A1, EP0422777 A1, EP0401175 A2,

Forward Citations: US7229163, US6229713, US2011240122, US2005105880, US2004189754, NL1008780, KR101729566, EP1102231, DE102007027736, DE102007027736,

Abstract:

Source: US5727103A A self-light-emitting indicating apparatus including an enclosure formed by combining a pair of opposing semi-tubular bodies, each having first and second support members positioned at both ends; first and second panels fixed on the first and second support members respectively, at least one of the first and second panels having a plurality of through-holes and/or having a sign indicating portion; a plurality of optical fibers contained in a container portion defined by the enclosure and the first and second panels, each having one end inserted and fixed in one of the plurality of through-holes provided in at least one of the first and second panels, and a light emitting diode contained in the container portion, arranged adjacent to the other end of the plurality of optical fibers which are bundled and cut, and having an optical leakage preventing means. When the light from the emitting diode is to be transmitted to the adjacent number of optical fibers, optical loss can be suppressed by the optical leakage preventing means, and in addition, light points at the rear ends of the optical fibers can be arranged along the periphery of the existing sign board, so that existence of a fire hydrant is made readily visible.



10) Family number: 20178562 (WO9533624A1)

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Title: FOLDER WITH BUILT-IN LAMP

Priority: NZ19940260671 19940603 WO1995NZ00047 19950601

Family:	Publication number	Publication date	Application number	Application date
	AU199525402 A1	19960104	AU19950025402	19950601
	WO9533624 A1	19951214	WO1995NZ00047	19950601

Probable Assignee: JACKSON JOHN RONALD

Assignee(s):^(std): JACKSON JOHN RONALD ; JOHN RONALD JACKSON ; KINCAID PAUL DAVID ; PAUL DAVID KINCAID

Inventor(s):^(std): JACKSON JOHN RONALD ; KINCAID PAUL DAVID

Inventor(s): PAUL DAVID KINCAID ; JOHN RONALD JACKSON

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ VN

International class
(IPC 8-9): [A47B23/06 B42D3/12 F21V33/00](#) (Advanced/Invention);
[A47B23/00 B42D3/00 F21V33/00](#) (Core/Invention)

International class
(IPC 1-7): [A47B23/06 B42D9/00 F21V33/00](#)

CPC: [A47B23/06 B42D3/123 F21V33/0048](#)

European class: [A47B23/06 B42D3/12B F21V33/00A8](#)

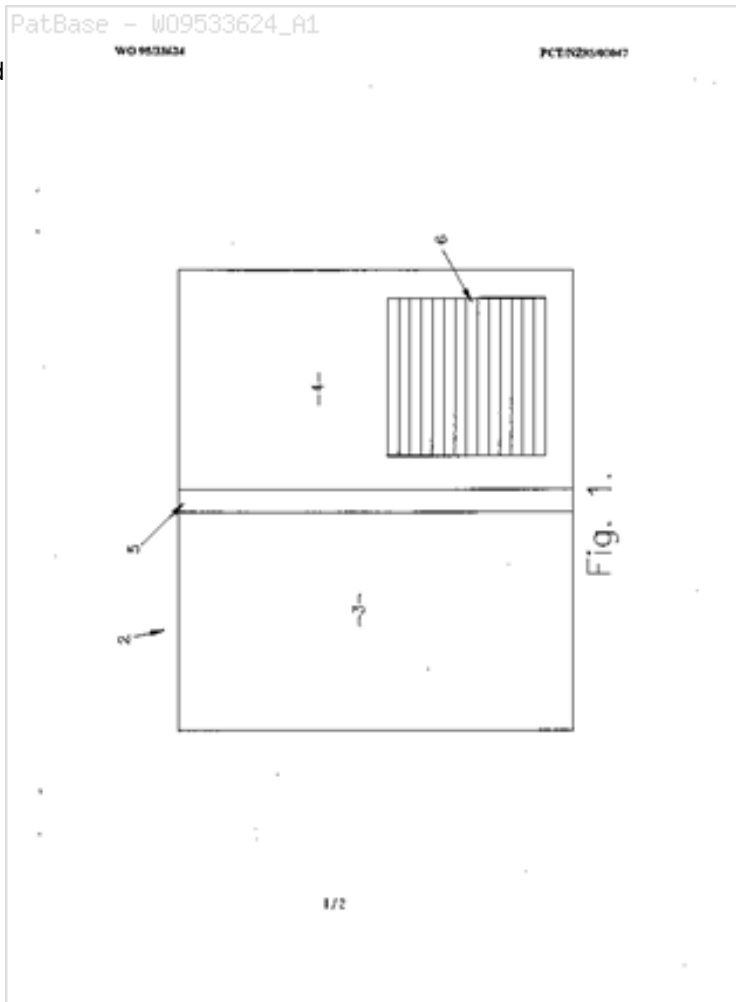
[Classification Explorer](#)

Cited documents: US4680681 A, US3885145 A, US3823312 A, US2617917 A, NL8800470 A, GB920620 A, GB880271 A, GB2232076 A1, FR2424004 A1,

Forward Citations: USD728839, USD723204, USD716485, USD708382, US8733961, GB2448135, FR2837911, CN102511994,

Abstract:

A folder provides a supporting surface for a book or other material to be read and a second surface which carries a lighting means and which is at an angle to the first surface, so that when the lighting means is switched on, material carried on the first surface is illuminated; the lighting means is supplied with electric power from a solar cell via a storage battery or from a battery or from a mains connection.



0) US2014098758A – EFFICIENT TRANSACTIONAL MESSAGING BETWEEN LOOSE...

1) Family number: 44905751 (US2014098758A)

© PatBase

Title: EFFICIENT TRANSACTIONAL MESSAGING BETWEEN LOOSELY COUPLED CLIENT AND SERVER OVER MULTIPLE INTERMITTENT NETWORKS WITH POLICY BASED ROUTING

Priority:

US20020415546P	20021001	US20030677098	20030930	US20100749412	20100329
US20110287279	20111102	US20110185491	20110718	US20120343044	20120104
US20130034509	20130923	US20120620775	20120915	US20120661207	20121026
US20130760214	20130206	US20120646706	20121007	US20120623944	20120921
US20130753855	20130130	US20130776852	20130226	US20150817341	20150804
US20150815988	20150801	US20150695256	20150424	US20130875311	20130502
US20130973146	20130822	US20140165826	20140128	US20140458791	20140813
US20140334992	20140718	US20140154446	20140114	US20150957644	20151203
US20130857308	20130405	US20150979613	20151228	US20150940379	20151113
US20140285659	20140523	US20150547912F	20151209	US20140555628	20141127
WO20131B58164	20130830	US20160040466	20160210	US20160061982	20160304
US20160081600	20160325	US20160169022	20160531	US20160168212	20160530
US20160172673	20160603	US20160564817F	20160516	US20160331866	20161023
US20160345349	20161107	US20160350458	20161114	US20160572722F	20160729
US20160567712F	20160610	US20160362118	20161128	US20160365840	20161130
US20160345308	20161107	US20160345003	20161107	US20160343227	20161104
US20160368187	20161202	US20160390638	20161226	US20160587752F	20161215
US20160587581F	20161214	US20160587388F	20161213	US20170397162	20170103
US20170419370	20170130	US20170420337	20170131		

Family:

Publication number	Publication date	Application number	Application date
CN105164707 A	20151216	CN201380059335	20130830
US2014098758 AA	20140410	US20130034509	20130923
US2015339696 AA	20151126	US20150817341	20150804
US2015371215 AA	20151224	US20150815988	20150801
US2016086161 AA	20160324	US20150957644	20151203
US2016110695 AA	20160421	US20150979613	20151228
US2016114887 AA	20160428	US20150940379	20151113
US2016162873 AA	20160609	US20160040466	20160210
US2016189137 AA	20160630	US20160061982	20160304
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US2016275483 AA	20160922	US20160169022	20160531
US2016286128 AA	20160929	US20160172673	20160603
US2017048774 AA	20170216	US20160331866	20161023
US2017053260 AA	20170223	US20160345349	20161107
US2017072755 AA	20170316	US20160350458	20161114
US2017073070 AA	20170316	US20160362118	20161128
US2017076262 AA	20170316	US20160365840	20161130
US2017076272 AA	20170316	US20160343227	20161104
US2017076273 AA	20170316	US20160368187	20161202
US2017076277 AA	20170316	US20160345003	20161107
US2017103440 AA	20170413	US20160390638	20161226
US2017115742 AA	20170427	US20170397162	20170103
US2017140366 AA	20170518	US20170420337	20170131
US2017140367 AA	20170518	US20170419370	20170130
US7702739 BA	20100420	US20030677098	20030930
US9208505 BA	20151208	US20150817341	20150804
US9342829 BB	20160517	US20150815988	20150801

<u>US9361616 BB</u>	20160607	US20150979613	20151228
<u>US9406063 BB</u>	20160802	US20160040466	20160210
<u>US9489671 BB</u>	20161108	US20150957644	20151203
<u>US9493235 BB</u>	20161115	US20150940379	20151113
<u>US9510277 BB</u>	20161129	US20130034509	20130923
<u>US9563890 BB</u>	20170207	US20160168212	20160530
<u>US9576285 BB</u>	20170221	US20160169022	20160531
<u>US9600832 BB</u>	20170321	US20160081600	20160325
<u>US9619794 BB</u>	20170411	US20160061982	20160304
<u>US9646300 BA</u>	20170509	US20170419370	20170130
<u>US9652758 BB</u>	20170516	US20160345349	20161107
<u>WO16024183 A2</u>	20160218	WO2015IB55809	20150731
<u>WO16024183 A3</u>	20160421	WO2015IB55809	20150731
<u>WO16170445 A2</u>	20161027	WO2016IB52035	20160411
<u>WO16170445 A3</u>	20161215	WO2016IB52035	20160411
<u>WO17021882 A1</u>	20170209	WO2016IB54642	20160802

Probable Assignee: WORLD AWARD ACADEMY

Assignee(s):^(std): CHENG WESLEY ; GRONBERG MARTIN ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU ANDREW ; XING ZHOU TIAN ; ZHOU DYLAN T X ; ZHOU TIGER T G ; ZHOU TIGER ; ZHOU TIANXING ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU DYLAN TX

Assignee(s): AMOBILEPAY INC ; WORLD AWARD ACADEMY ; WORLD AWARD ACADEMY WORLD AWARD FOUNDATION AMOBILEPAY INC ; WORLD AWARD FOUNDATION ; TRAN BAO ; VENTURE LENDING AND LEASING IV INC

Inventor(s):^(std): XING ZHOU TIAN ; ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU TIGER ; ZHOU TIGER T G ; ZHOU TIANXING ; ZHOU TIANGE ; ZHOU HAIBIN ; ZHOU DYLAN TX ; GRONBERG MARTIN ; CHENG WESLEY

Inventor(s): XI MARY M Z

Agent(s): TRAN AND ASSOCIATES; GEORGIY L; WWWNIELSENPATENTSCOM; STEVEN A

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): A61B5/0476 B60F3/00 B60F5/02 B60K16/00 B60R11/04 B63G8/00 B63G8/14 B63G8/16 B64C29/00 B64C3/56 B64C35/00 B64C37/00 B64C39/02 B64D47/08 B64D7/00 G01S19/39 G02B27/00 G02B27/01 G05D1/00 G05D1/04 G05D1/08 G06F15/16 G06F3/01 G06F3/041 G06F3/0488 G06F3/16 G06K15/00 G06K19/06 G06K7/10 G06K7/14 G06K9/00 G06Q20/00 G06Q20/06 G06Q20/08 G06Q20/10 G06Q20/12 G06Q20/16 G06Q20/20 G06Q20/22 G06Q20/32 G06Q20/34 G06Q20/36 G06Q20/38 G06Q20/40 G06Q30/02 G06Q30/06 G06Q40/02 G06T19/00 G07F17/32 G08B21/04 G08G3/02 G08G5/04 G10L13/02 G10L15/20 H04B1/3827 H04L12/58 H04L12/801 H04L12/813 H04L12/893 H04L29/06 H04L29/08 H04L9/32 H04M1/725 H04M15/00 H04M3/42 H04M7/00 H04N5/232 H04N5/265 H04N5/38 H04N7/00 H04N7/18 H04W12/06 H04W36/16 H04W4/00 H04W4/02 H04W4/04 H04W4/12 H04W4/22 H04W4/24 H04W48/18 H04W76/02 (Advanced/Invention);
G06F3/048 G06F3/0481 G06F3/0482 G06F3/0484 G06F3/0488 H04L1/00 H04L12/24 (Advanced/Non-invention);
G06F15/16 (Core/Invention)

CPC: G06Q30/0222 G06Q20/387 G06Q20/405 G06Q20/34 G06Q30/0208 G06Q30/0226 G06Q30/0227 G06Q30/0236 G06Q30/0239 G06Q20/20 G06Q20/425 G06F3/0488 G06Q20/16 H04L12/146 H04M1/2755 H04M1/72519 H04M1/72555 H04M17/02 H04M17/301 H04M17/304 H04W12/06 G06Q20/3278 G06Q20/3224 G06Q20/105 G06Q20/065 G06Q20/4014 B60F3/0061 G05D1/0088 B60F3/0007 G05D1/042 G05D1/048 G01S19/39 H04N7/181 H04N5/23238 H04N5/265 B64C2201/141 B63G2008/004 G06Q20/382 G06Q20/356 G06Q20/388 B60F5/02 G06Q20/3227 G06Q20/223 G06Q20/3827 G06Q20/204 G06Q20/3674 G06Q20/4012 G06F3/04883 G06F3/04886 G06Q20/123 G06Q20/325 G06Q20/363 G06Q30/0234 G06Q20/385

[G06Q20/3223](#) [H04L1/0057](#) [H04L41/0816](#) [H04L47/10](#) [H04L47/14](#) [H04L47/20](#) [H04L47/40](#)
[H04L67/327](#) [H04L69/14](#) [G06Q20/367](#) [G06Q30/0251](#) [H04W4/008](#) [H04B1/385](#) [H04L9/3231](#)
[H04W4/003](#) [H04M1/72547](#) [H04M1/72583](#) [H04L67/10](#) [H04W76/023](#) [H04N5/23248](#)
[H04N5/38](#) [H04N7/00](#) [B64C2201/027](#) [B64C2201/146](#) [B64C2201/185](#) [B64D2211/00](#)
[G06Q20/32](#) [G06Q30/0267](#) [G06Q30/06](#) [G06Q30/0601](#) [G06Q30/0641](#) [G06Q2220/00](#)
[G10L13/02](#) [G10L15/20](#) [H04L65/1006](#) [H04N5/2252](#) [H04N5/23206](#) [H04N5/2328](#)
[H04N5/23296](#) [G05D1/102](#) [G06Q20/322](#) [G06Q20/40145](#) [H04W36/16](#) [H04W4/24](#)
[H04M15/60](#) [H04W84/042](#) [H04W84/12](#) [H04W48/18](#) [G06Q20/3274](#) [G06Q20/3276](#)
[G06Q20/401](#) [B63G8/001](#) [B63G8/16](#) [B64C37/00](#) [B64C3/56](#) [G05D1/0816](#) [G05D1/0858](#)
[G08G5/04](#) [B60R11/04](#) [B60K16/00](#) [B60K2016/003](#) [B64D47/08](#) [B64D7/00](#) [B64C2203/00](#)
[B64C2201/12](#) [G06Q20/36](#) [G06K7/1413](#) [G06K7/1417](#) [G06Q20/3221](#) [G06Q20/102](#)
[G06Q20/3821](#) [H04W4/04](#) [G06Q20/351](#) [G06K19/06037](#) [G06Q20/3829](#) [G06Q20/206](#)
[G06K19/06028](#) [H04L51/10](#) [G06K15/00](#) [G06Q20/00](#) [H04M1/725](#) [G06Q20/22](#) [G06Q20/3255](#)
[G06Q20/327](#) [G07F7/0833](#) [H04M15/00](#) [Y04S50/12](#) [G06Q30/0625](#) [G06F3/017](#) [G06F3/015](#)
[G06T19/006](#) [G06F3/167](#) [G06F3/012](#) [G06F3/013](#) [G02B27/0172](#) [G06K7/10009](#) [H04W4/02](#)
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[G07F17/3209](#) [G07F17/3227](#) [G02B2027/0178](#) [G02B2027/0138](#) [G02B2027/014](#)
[G02B2027/0141](#) [G02B2027/0145](#) [H04B2001/3866](#) [B64C29/0066](#) [B64C29/0075](#)
[G06K7/1095](#) [G06K19/06112](#) [G06K7/10712](#) [G06K9/00335](#) [G06K9/0061](#) [G02B27/0093](#)
[B64C39/024](#) [B64C2201/042](#) [B64C2201/108](#) [B64C2201/127](#) [B64C2201/128](#) [G06Q30/0209](#)
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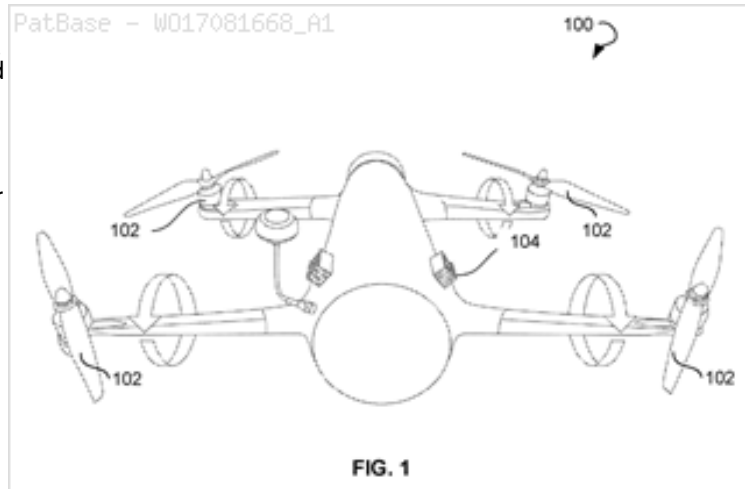
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Abstract:

Source: US2014098758A A system includes a server; a plurality of wireless networks coupled to the server; and one or more mobile devices coupled to the wireless networks with intermittent access to the wireless networks, the plurality of wireless networks providing data communication between client and server applications over multiple intermittent connections.



0) US2003231485A – TUBULAR ELECTRO-LUMINESCENT PANEL(S) LIGHT DEVI...

2) Family number: 28290889 (US2003231485A)

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Title: TUBULAR ELECTRO-LUMINESCENT PANEL(S) LIGHT DEVICE

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Assignee(s):^(std): CHIEN TAENG LU ; CHIEN TSENG L ; CHIEN TSENG LU ; TORMACH LLC

Assignee(s): WALLAGE RAYMOND ROGER

Inventor(s):^(std): CHIEN TSENG LU ; CHIEN TSENG L ; CHIEN TAENG LU

Inventor(s): WALLAGE RAYMOND ROGER ; CHIEN TSENG

Agent(s): BACON AND THOMAS PLLC; ROBERT

International class
(IPC 8-9): A41D27/08 A41G1/00 A42B1/24 A43B3/00 A45C15/06 B60Q1/26 B60Q3/02 B60R11/00 B60R13/00 C10G1/00 C12M1/00 C12M1/06 C12M1/12 C12M1/34 C12M3/00 F21K2/00 F21K9/232 F21K99/00 F21L13/00 F21L14/00 F21L4/00 F21L4/02 F21L4/08 F21S10/00 F21S10/02 F21S10/06 F21S2/00 F21S4/00 F21S6/00 F21S8/00 F21S8/08 F21S9/02 F21V1/00 F21V1/10 F21V11/00 F21V13/00 F21V13/02 F21V14/00 F21V14/02 F21V14/06 F21V14/08 F21V15/01 F21V17/00 F21V17/02 F21V19/00 F21V19/02 F21V21/00 F21V21/005 F21V21/08 F21V21/092 F21V21/14 F21V21/22 F21V21/26 F21V21/30 F21V23/00 F21V23/02 F21V23/04 F21V23/06 F21V25/02 F21V29/00 F21V29/502 F21V29/70 F21V3/00 F21V3/02 F21V31/00 F21V33/00 F21V5/00 F21V5/04 F21V7/00 F21V7/04 F21V8/00 F21V9/00 F21V9/16 G01J5/00 G01S3/786 G02B27/22 G02F1/13 G02F1/1335 G02F1/13357 G03B1/00 G03B15/03 G03B19/18 G03B21/00 G03B21/14 G03B21/20 G03B23/00 G03B29/00 G03B3/00 G03H1/22 G04B19/04 G04B19/30 G04B37/12 G04B47/00 G04C10/00 G04C19/00 G04G99/00 G06F1/26 G06K9/00 G06T7/00 G06T7/20 G08B13/24 G09F13/18 G09F13/22 G09F23/00 G09F23/04 G09F9/33 G09G3/30 G09G3/32 H01L21/00 H01L21/68 H01R11/00 H01R13/66 H01R25/00 H01R27/00 H01R3/00 H01R33/00 H01R33/009 H01R39/00 H02G3/14 H02J4/00 H02J7/00 H02J7/02 H02M1/00 H04N5/225 H04N5/232 H04N5/235 H04N5/247 H04N5/33 H04N5/76 H04N7/18 H04N9/31 H05B33/08 H05B37/02 H05B41/30 (Advanced/Invention); B60R13/02 F21S2/00 F21V1/10 F21V21/22 F21V21/29 F21V21/30 F21V23/04 F21V23/06 F21V33/00 F21V8/00 F21V9/08 F21W121/00 F21W131/30 F21Y101/00 F21Y101/02 G02B5/32 G09F13/22 H01H9/18 H01J7/44 H01R103/00 H01R13/713 H01R24/76 (Advanced/Non-invention); A42B1/00 A43B3/00 A45C15/00 B60Q3/00 B60R11/00 B60R13/00 F21L4/00 F21S4/00 F21V1/00 F21V17/00 F21V21/00 F21V21/005 F21V21/08 F21V21/14 F21V23/00 F21V23/04 F21V3/00 F21V33/00 G03B21/00 G03B21/14 G09F13/22 H01R3/00 H01R33/00 H05B37/02 (Core/Invention); B60R13/02 G02B5/32 (Core/Non-invention)

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Abstract:

Figure 1 is an exploded perspective view of the LED display device. The diagram illustrates the assembly of the device, showing the following components and their connections:

- Multiple display-unit(s) has more than one display-unit**: This label points to the top display unit (50) and the multiple display-unit assembly (5).
- Multiple display-unit(s) LED device has special effects has more than one display-unit(s) with its own LED light means to make each display-unit illuminated with desire unlimited power source such as strong means and circuit means or transformer, adaptor, solar power, wind power etc.**: This label points to the multiple display-unit assembly (5).
- 1 display-unit**: This label points to the individual display units (51) within the assembly.
- 50**: The top display unit, shown with a heart and stars pattern.
- 51**: Individual display units within the assembly.
- 5**: The multiple display-unit assembly.
- 53 In-Port end**: The bottom of the assembly where the power source connects.
- 21**: The space means, shown as a heart and stars pattern.
- 21'**: The space means, shown as a heart and stars pattern.
- 41**: The solid plastic block means, shown as a heart and stars pattern.
- Block means**: The solid plastic block means (41) and the space means (21').
- Space means Left-Middle-Right**: The space means (21') and the space means (21').
- 3**: The power source, shown as a heart and stars pattern.
- 22'**: The power source, shown as a heart and stars pattern.
- 2**: The power source, shown as a heart and stars pattern.
- 10**: The power source, shown as a heart and stars pattern.
- 15**: The power source, shown as a heart and stars pattern.
- 7**: The power source, shown as a heart and stars pattern.
- 6**: The power source, shown as a heart and stars pattern.
- 10'**: The power source, shown as a heart and stars pattern.
- 7'**: The power source, shown as a heart and stars pattern.
- Non-Portable power from USB port, wind, charger, solar, chemical, transformer, adaptor, inverter or market types.**: This label points to the power source (10).
- Battery**: A power source option.
- USB**: A power source option.
- Pig-Tail**: A power source option.
- AC wire**: A power source option.

3) Family number: 49007652 (US2012271471A)

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Title: NETWORK SYSTEM AND METHOD OF CONTROLLING NETWORK SYSTEM

Priority:	EP20100837797	20101126	EP20110745216	20110217	EP20110798388	20110622
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Family:

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Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9):

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H04L12/26 (Advanced/Non-invention)

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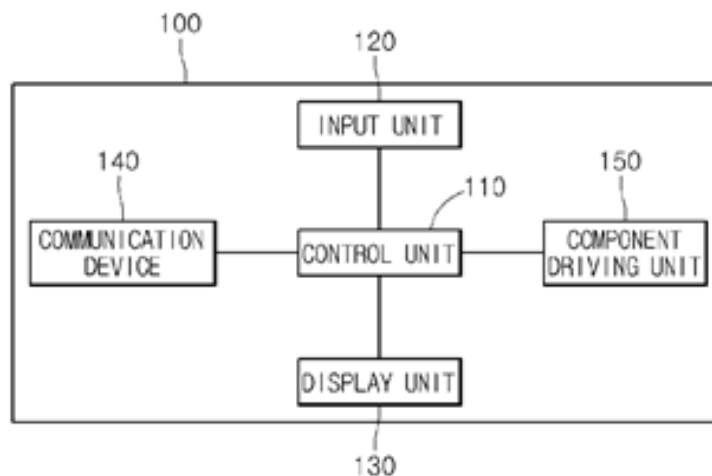
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Abstract:

Source: US2012271471A A method of controlling a network system is provided. The network system includes a metering device measuring energy supplied from a power supply source, a communication device in which energy information related to the energy communicates, and an energy management device recognizing the energy information, the energy management device controlling an operation of an electric product. The metering device or the energy management device checks whether communication of the communication device is possible. Also, when it is determined that the communication device is in a communication failure state, the communication failure state is displayed on the outside thereof. When a communication modem mounted on the electric product is in a communication failure state, the electric product may normally perform a power management program, based on power or operation information stored therein.

Fig.12 - W012036851_A3



0) US2006244588A – TWO-WAY COMMUNICATION SYSTEM FOR TRACKING LOCAT...

4) Family number: 33394799 (US2006244588A)

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Title: TWO-WAY COMMUNICATION SYSTEM FOR TRACKING LOCATIONS AND STATUSES OF WHEELED VEHICLES

Priority:

CA20062601565	20060320	CA20062601569	20060320	CA20062896121	20060320
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Family:

Publication number	Publication date	Application number	Application date
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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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US class: 1/1 16/35.00RS 16/35R 180/197 180/65.5 180/65.51 180/65.510P 188/19 280/33.994 280/33.994P 280/33.994S 29/428 29/428S 340/10.5 340/10.500P 340/505 340/506 340/539.1 340/539.13 340/539.130P 340/568.5 340/568.500P 340/572.1 340/572.100P 340/573.3 340/573.4 340/574 340/674 340/7.2 340/8.1 340/8.100S 340/825.36 340/825.47 340/988 340/988P 701/1 701/118 701/1S 701/2 701/200 701/200P 701/215 701/220 701/220S 701/23 701/33.4 701/33.400S 701/35 701/35S 701/400 701/408 701/412 701/422 701/425 701/434 701/435 701/469 701/470 701/472 701/498 701/498P 701/519 701/541 701/70 701/70P 701/71

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Source: US2006244588A A vehicle tracking system includes a wheel containing sensor circuitry capable of sensing various types of conditions, such as wheel rotation, wheel vibration caused by skidding, and specific electromagnetic and/or magnetic signals indicative of particular wheel locations. The sensor circuitry is coupled to an RF transceiver, which may but need not be included within the wheel. The wheel may also include a brake mechanism. In one embodiment, the wheels are placed on shopping carts and are used to collect and monitor shopping cart status and location data via a wireless network. The collected data may be used for various purposes, such as locking the wheel of an exiting cart if the customer has not paid, estimating numbers of queued carts, stopping wheel skid events that occur during mechanized cart retrieval, store planning, and providing location-based messaging to customers.



5) Family number: 34194438 (US2008170982A)

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Title: FABRICATION AND APPLICATION OF NANOFIBER RIBBONS AND SHEETS AND TWISTED AND NON-TWISTED NANOFIBER YARNS

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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: BOARD OF UNIV OF TEXAS SYSTEM

Assignee(s):^(std): ALIEV ALI E ; ATKINSON KENNETH ROSS ; BAUGHMAN RAY H ; BOARD OF UNIV OF TEXAS SYSTEM ; WILLIAMS CHRIS ; ZHANG MEI ; FANG SHAOLI ; ZAKHIDOV ANVAR A ; UNIV TEXAS ; LI SERGEY ; COMMW SCIENT IND RES ORG ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM ; REGENTS THE UNIV OF TEXAS SYSTEM BOARD OF ; REGENTS UNIV OF TEXAS SYSTEM BOARD OF

Assignee(s): COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION ; COMMW SCIENTIFIC INDUSTRIAL RESEARCH ORGANISATION ; COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION ; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION ; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION ; BOARD OF REGENTS UNIV OF TEXAS ; THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS ; COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISAT ; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS ; BOARD OF REGENTS THE UNIV OF TEXAS SYSTEM ; BOARD OF UNIV TEXAS ; BOARD OF UNIV OF TEXAS ; BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM ; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH OR ; BOARD OF REGENTS UNIV TEXAS SYSTEM ; BOARD OF REGENTS UNIV

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Inventor(s): ALI E ALIEV ; RAY H BAUGHMAN ; ANVAR A ZAKHIDOV ; KENNETH ROSS ATKINSON

Agent(s): FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FISH AND RICHARDSON PC; GREENBERG TRAURIG LLP; ROSS SPANCER; ROSS SPENCER; DICKINSON WRIGHT PLLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
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International class
(IPC 1-7): B29C47/04

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European class: B82Y10/00 D02G3/28 H01L51/00M4D H01L51/52B2 N10B101/122 S02F1/15N Y02E40/64B

US class: 156/167 156/229 264/164 264/211.11 264/430 423/445.00RS 423/445R 423/447.1 423/447.3 423/447.300P 427/113 427/372.2 428/408 73/774 977/742 977/745 977/843 977/847 977/848

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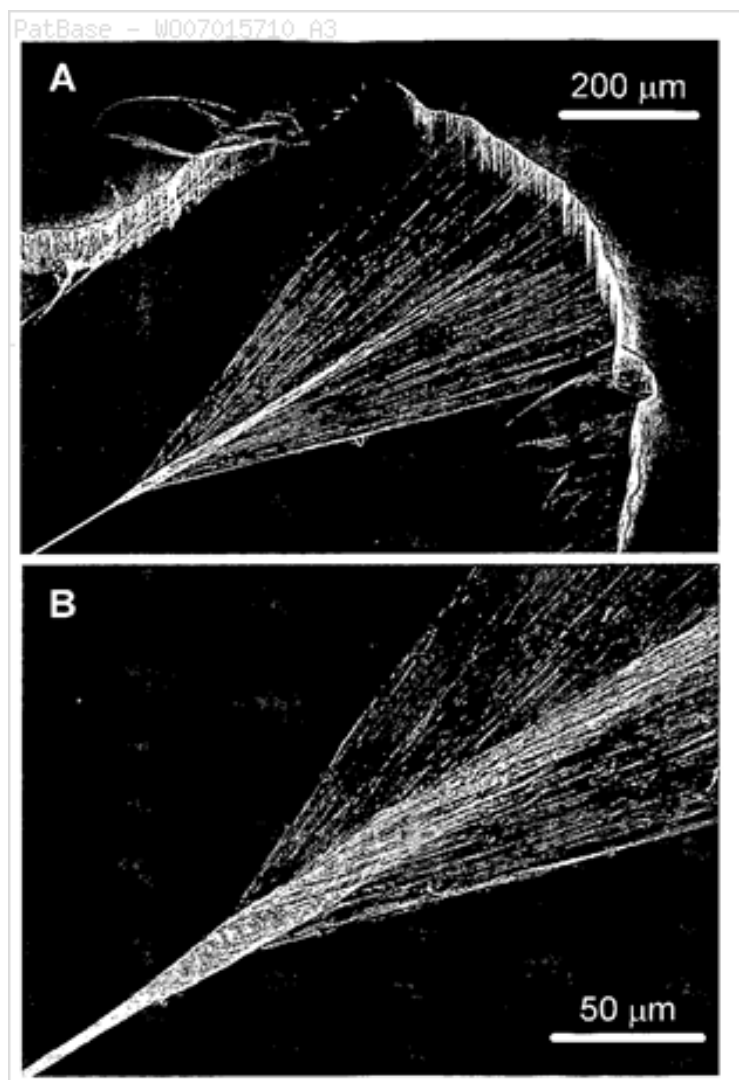
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Abstract:

Source: US2008170982A The present invention is directed to methods of making nanofiber yarns. In some embodiments, the nanotube yarns comprise carbon nanotubes. Particularly, such carbon nanotube yarns of the present invention provide unique properties and property combinations such as extreme toughness, resistance to failure at knots, high electrical and thermal conductivities, high absorption of energy that occurs reversibly, up to 13 percent strain-to-failure compared with the few percent strain-to-failure of other fibers with similar toughness, very high resistance to creep, retention of strength even when heated in air at 450 degrees centigrade for one hour, and very high radiation and UV resistance, even when irradiated in air.



6) Family number: 48842493 (US2012202083A)

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Title: BIAXIALY ORIENTED POLYESTER FILM**Priority:** EP20100826552 20101019 JP20090247325 20091028 WO2010JP68297 20101019
JP20100549753 20101019**Family:**

Publication number	Publication date	Application number	Application date
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CN102597104 B	20140205	CN201080048416	20101019
EP2495284 A1	20120905	EP20100826552	20101019
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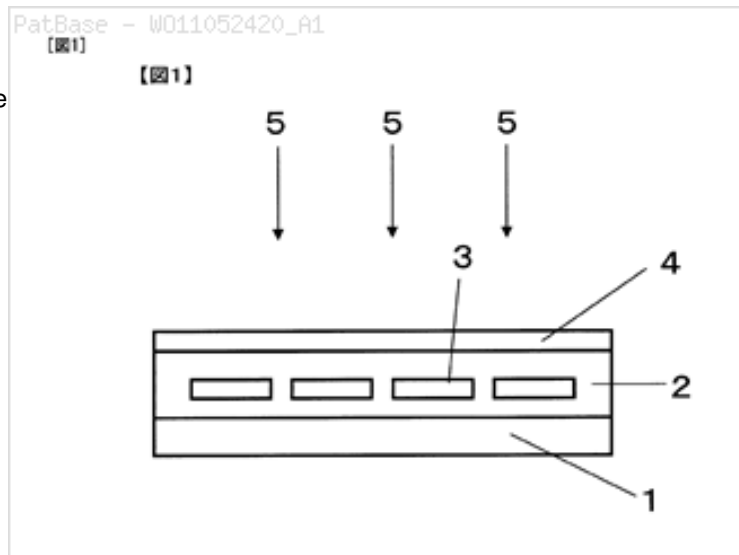
Probable Assignee: TORAY IND INC**Assignee(s):**^(std): AIR TONY CO LTD ; AOYAMA SHIGERU ; SHIMAZU AYAKO ; SHIOMI ATSUSHI ; TAKAHASHI KOZO ; TORAY INDUSTRIES ; TORAY IND**Assignee(s):** TORAY IND INC ; TORAY INDUSTRIES INC**Inventor(s):**^(std): ATSUSHI SHIOMI ; AYAKO SHIMAZU ; KOZO TAKAHASHI ; SHIGERU AOYAMA ; SHIMAZU AYAKO ; AOYAMA SHIGERU ; SHIOMI ATSUSHI ; TAKAHASHI KOZO**Agent(s):** KADOR AND PARTNER; DURAN CARLOS**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
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[B29B9/10 B29C55/12 B32B27/36 C08K3/00 C08L101/12 C08L67/02 H01L31/02 H01L31/042](#) ^(Core/Non-invention)**CPC:** [B29C55/12 B29K2067/00 B29K2105/16 B29K2995/0017 B29K2995/0055 B32B27/36 C08J5/18 C08J2367/02 C08K3/0033 C08K3/22 C08L67/02 C08L81/02 C08L81/04 Y02E10/50 Y10T428/31786 B32B27/08 H01L31/049](#)**European class:** [B29C55/12 B32B27/36 C08J5/18 C08L67/02 C08L81/02 H01L31/048 L29K105/16 L29K67/00 L29K995/00D8 L29K995/00F11 M08J367/02 M08K3/00P5 M08K3/22 M08L67/02 M08L81/04 Y02E10/50](#)**US class:** [264/210.1 264/210.100S 428/480 428/480P 524/539 524/539S](#)[Classification Explorer](#)**Cited documents:** WO10140611 A1, US7655291 BB, US7273894 BB, US6517914 BA, US5867316 A, US5825543 A, US5811493 A, US5672409 A, US5428086 A, US5382628 A, US5264277 A, US5233016 A, US5106941 A, US4894404 A, US4701370 A, US4415726 A, US4377616 A, US4375494 A, US4286018 A, US3958064 A, US3919177 A, US2901466 A, US2012114977 AA, US2012080089 AA, US2011216474 AA, US2010034987 AA,

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Forward Citations: US9416225, US9333692, US2014137938, US2014137926, JP5403679, JP2012256765, JP2011105876, EP2476552, EP2476552,

Abstract:

Source: US2012202083A A biaxially oriented polyester film including a polyester layer (P1 layer) containing a polyester including ethylene terephthalate as a main constituent, a high melting point resin having a melting point TmB1 of not less than 260 degrees centigrade and not more than 320 degrees centigrade, and inorganic particles, wherein content of the high melting point resin in the P1 layer, WB1, is not less than 2 percent by mass and not more than 40 percent by mass based on the P1 layer; in the P1 layer, dispersion phases composed of the high melting point resin are present in the polyester; and average longitudinal length of the dispersion phases is not more than 10,000 nm (10 micro m).



0) US2007182367A – INDUCTIVE POWER SOURCE AND CHARGING SYSTEM

7) Family number: 34969619 (US2007182367A)

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Title: INDUCTIVE POWER SOURCE AND CHARGING SYSTEM

Priority: CN200880023854 20080508 JP20100507666 20080508 US20060763816P 20060131
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Publication number	Publication date	Application number	Application date
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<u>WO07090168 A3</u>	20080403	WO2007US61406	20070131	
<u>WO08137996 A1</u>	20081113	WO2008US63084	20080508	

Probable Assignee: MOJO MOBILITY INC

Assignee(s):^(std): MOJO MOBILITY INC ; PARTOVI AFSHIN ; SEARS MICHAEL

Inventor(s):^(std): AFSHIN PARTOVI ; MICHAEL SEARS ; PARTOVI AFSHIN ; SEARS MICHAEL

Agent(s): JENNINGS MICHAEL JOHN; UESUGI HIROSHI; OHTSUKA FUMIAKI; SUDA HIROYUKI; KUMAKURA YOSHIO; NISHIJIMA TAKAKI; FLIESLER MEYER LLP; MEYER IP LAW GROUP; LOUIS; KENNA KARL F ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
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H02J7/00 (Advanced/Non-invention);
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European class: H01F38/14 H01F5/00A H02J7/00C6 H02J7/02B1 T02J7/00B1 Y02B40/90

US class: 1/1 307/10.1 307/104 307/24 320/101 320/101P 320/108 320/108P 320/108S 320/115 320/115P 320/137 320/150 455/41.1

[Classification Explorer](#)

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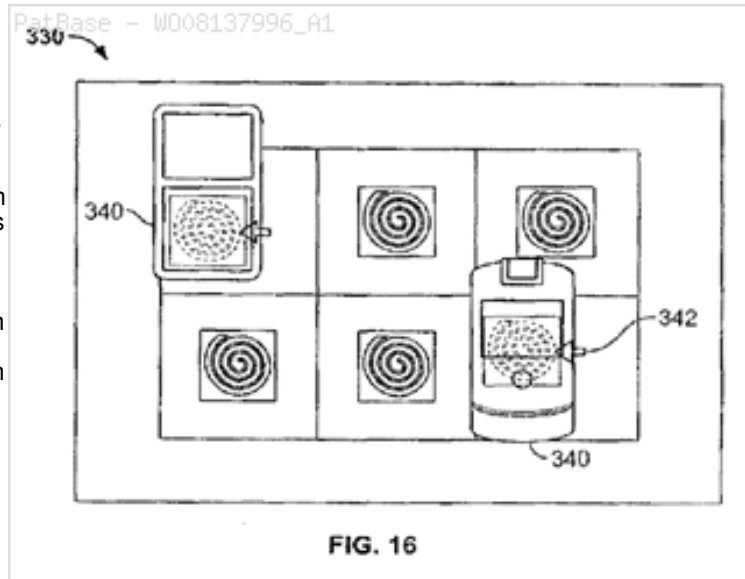
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Abstract:

Source: US2007182367A A portable inductive power source, power device, or unit, for use in powering or charging electrical, electronic, battery-operated, mobile, and other devices is disclosed herein. In accordance with an embodiment the system comprises a pad or similar base unit that contains a primary, which creates an alternating magnetic field by means of applying an alternating current to a winding, coil, or any type of current carrying wire. A receiver comprises a means for receiving the energy from the alternating magnetic field from the pad and transferring it to a mobile or other device. In some embodiments the receiver can also comprise electronic components or logic to set the voltage and current to the appropriate levels required by the mobile device, or to communicate information or data to and from the pad. Embodiments may also incorporate efficiency measures that improve the efficiency of power transfer between the charger and receiver.



8) Family number: 54513488 (US2013201316A)

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Title: SYSTEM AND METHOD FOR SERVER BASED CONTROL**Priority:** US20120584500P 20120109 US20120620129P 20120404 US20120637030P 20120423
US20120647034P 20120515 US20130733634 20130103 US20160361434 20161127

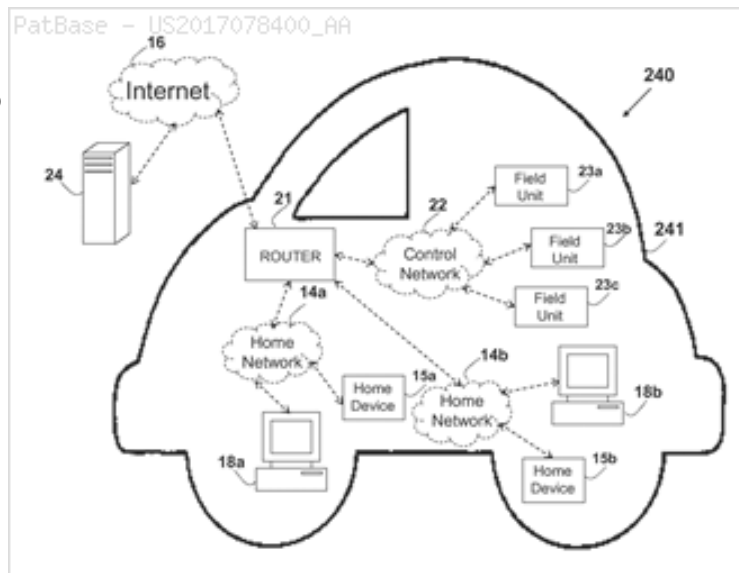
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	<u>US2013201316 AA</u>	20130808	US20130733634	20130103
	<u>US2017078400 AA</u>	20170316	US20160361434	20161127

Probable Assignee: MAY PATENTS LTD**Assignee(s):^(std):** MAY PATENTS LTD**Inventor(s):^(std):** BINDER YEHUDA ; MAYTAL BENJAMIN**International class** H04L29/08 (Advanced/Invention)
(IPC 8-9):**CPC:** H04L67/12 B60K31/00 B60K31/18 B60Y2200/11 B60Y2200/12 B60Y2200/126
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G06Q2240/00 G07C5/008 G08G1/00**US class:** 348/143 348/77 370/276 700/22 700/28 701/2 701/31.4 709/218[Classification Explorer](#)

Forward Citations: WO17019903, WO16176481, WO16155943, WO16074873, WO16058368, WO15198087, WO15160657, US9648009, US9646121, US9636981, US9634995, US9632554, US9629193, US9619105, US9608904, US9606522, US9600078, US9590975, US9590701, US9588191, US9584730, US9580139, US9577913, US9570643, US9553512, US9544534, US9543635, US9541921, US9533597, US9531704, US9531618, US9531067, US9522687, US9521449, US9520730, US9520250, US9517782, US9509436, US9509371, US9507417, US9504920, US9496620, US9494429, US9490533, US9451573, US9451434, US9446678, US9444510, US9436569, US9426223, US9420620, US9412254, US9407101, US9403545, US9397820, US9389295, US9373885, US9373245, US9368870, US9357339, US9350665, US9349365, US9325516, US9319257, US9316400, US9310891, US9306830, US9298266, US9293817, US9288102, US9287956, US9274575, US9264315, US9262064, US9246674, US9243440, US9241044, US9240625, US9231672, US9230064, US9229476, US9198265, US9191037, US9172605, US9148849, US9129155, US9111135, US9100339, US9098739, US9092665, US9088313, US9075114, US9071058, US9065523, US9063873, US9032071, US9000921, US8996060, US8988517, US8981731, US8971954, US8971210, US8934675, US8922353, US8880204, US8878496, US8855730, US8836601, US8830312, US8731977, US2017034316, US2016323356, US2016316739, US2016301474, US2016299862, US2016262242, US2016258639, US2016144695, US2016119713, US2016109864, US2016109322, US2016096608, US2016095150, US2016088438, US2016088211, US2016082903, US2016072556, US2016065536, US2016059853, US2016011617, US2016006272, US2016003491, US2016001656, US2015358660, US2015300671, US2015297121, US2015296048, US2015256391, US2015256355, US2015251556, US2015244806, US2015244410, US2015237123, US2015222820, US2015213268, US2015180774, US2015172426, US2015171650, US2015168976, US2015166085, US2015149123, US2015145417, US2015131639, US2015131479, US2015117148, US2015116813, US2015114010, US2015108284, US2015085132, US2015081313, US2015078463, US2015070007, US2015068243, US2015067819, US2015066516, US2015061525, US2015051788, US2015046646, US2015046061, US2015035722, US2015029960, US2015022725, US2015015476, US2014355499, US2014340243, US2014340240, US2014340093, US2014336850, US2014315494, US2014288912, US2014280865, US2014273865, US2014241533, US2014237092, US2014233661, US2014219443, US2014216837, US2014211636, US2014177864, US2014176308, US2014142729, US2014111341, US2014066123, US2014064082, US2014032737, US2014022383, US2014005834, US2013273952, US2013267173, US2013173219, US2013130614, US2012139538, US2012102155, US2011141255, TWI510927, RU2572455, ES2552604, EP3163386, EP2995818, EP2863607, DE102015112431, DE102015003219, DE102014204577,

Abstract:

Source: US2013201316A A system and method in a building or vehicle for an actuator operation in response to a sensor according to a control logic, the system comprising a router or a gateway communicating with a device associated with the sensor and a device associated with the actuator over in-building or in-vehicle networks, and an external Internet-connected control server associated with the control logic implementing a PID closed linear control loop and communicating with the router over external network for controlling the in-building or in-vehicle phenomenon. The sensor may be a microphone or a camera, and the system may include voice or image processing as part of the control logic. A redundancy is used by using multiple sensors or actuators, or by using multiple data paths over the building or vehicle internal or external communication. The networks may be wired or wireless, and may be BAN, PAN, LAN, WAN, or home networks.



9) Family number: 65077377 (US2017061525A)

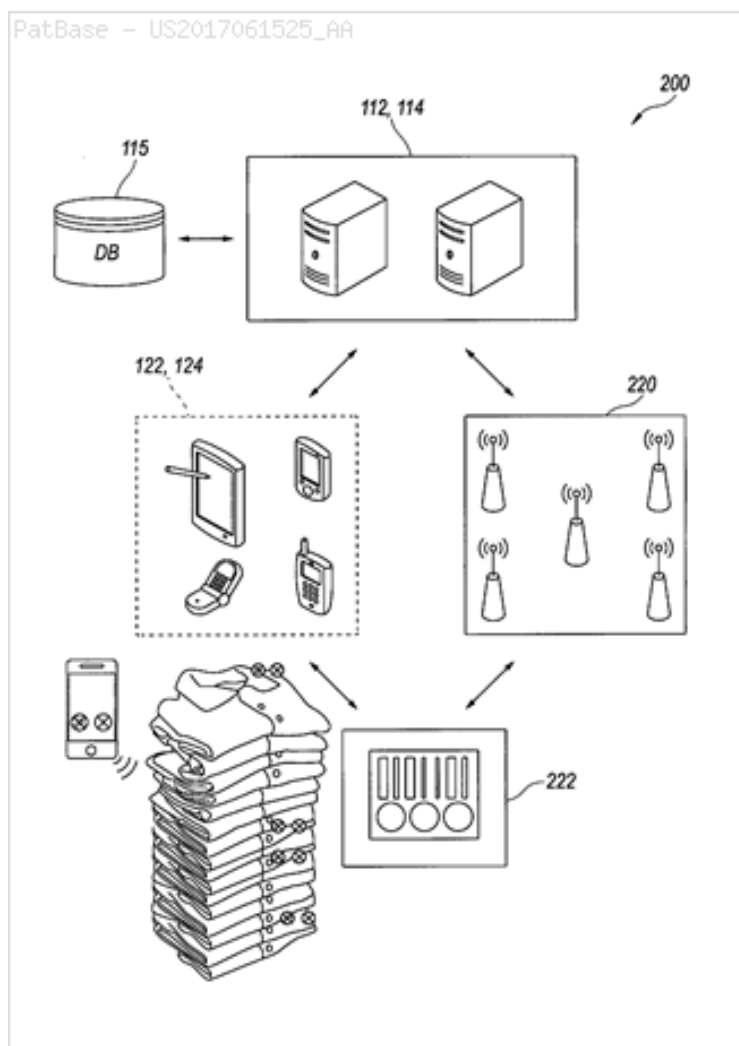
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Title: PROXIMITY-BASED OBJECT IDENTIFICATION WITH LIVE FEEDBACK**Priority:** US20150213411P 20150902 US20160251836 20160830

Family:	Publication number	Publication date	Application number	Application date
	<u>US2017061525 AA</u>	20170302	US20160251836	20160830

Probable Assignee: KOHL S DEPT STORES INC**Assignee(s):^(std):** KOHL S DEPT STORES INC**Assignee(s):** KOHL S DEPARTMENT STORES INC**Inventor(s):^(std):** HARDI VIKRAM ; MCCOY CHARLES ; TURNER JONAH**International class** G06Q30/06 H04B1/38 (Advanced/Invention)
(IPC 8-9):**CPC:** G06Q30/0639 H04B1/38 H04W4/008 H04W4/023[Classification Explorer](#)**Abstract:**

Source: US2017061525A Methods, systems, and devices are disclosed for proximity sensing and guidance of a user to a desired item's or items' location within a place. In one aspect, a system includes a tag device attachable to an item located at a location in a place and including a processing unit, a transceiver to wirelessly transmit a beacon including a code associated with the item and to receive a communication signal from a user device attempting to connect to the tag device based on the code, and an output to generate an output signal to draw attention to the device; and a data processing device to process information about the item from the user device to determine the item and associated code, such that when a user desired item is determined to be the item attached to the tag device, the tag device is operable to produce the output signal.



0) US2014028242A – SUNSHADES WITH SOLAR POWER SUPPLIES FOR CHARGIN...

10) Family number: 55158760 (US2014028242A)

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Title: SUNSHADES WITH SOLAR POWER SUPPLIES FOR CHARGING ELECTRONIC DEVICES

Priority: US20120676454P 20120727 US20130461657F 20130726 US20130461658F 20130726
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Family:	Publication number	Publication date	Application number	Application date
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	<u>EP2878014 A1</u>	20150603	EP20130822260	20130729
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	<u>HK1210870 A1</u>	20160506	HK20150111450	20151119
	<u>US2014028242 AA</u>	20140130	US20130953727	20130729
	<u>US2015320162 AA</u>	20151112	US20150803724	20150720
	<u>US9088181 BB</u>	20150721	US20130953727	20130729
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	<u>USD779810 S1</u>	20170228	US20140487442F	20140408
	<u>WO14018990 A1</u>	20140130	WO2013US52598	20130729

Probable Assignee: ZON

Assignee(s):^(std): AKIN SARAH ; JOHNSON DAVID ; ZON

Inventor(s):^(std): AKIN SARAH ; JOHNSON DAVID

Agent(s): WILLIAMS LISA ESTELLE; AKA CHAN LLP; CHAN MELVIN D ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH
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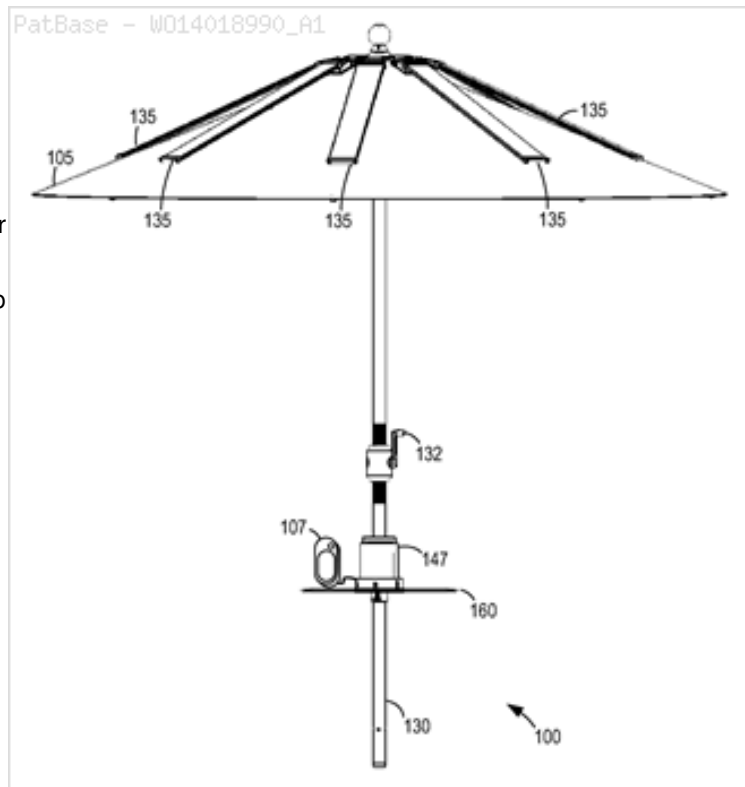
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Cited documents: USD728466 S1, USD724524 S1, USD720688 S1, USD720289 S1, USD709643 S1, USD704428 S1, USD703940 S1, USD701829 S1, USD701828 S1, USD700772 S1, USD695002 S1, USD688621 S1, USD684353 S1, USD683899 S1, USD681548 S1, USD680949 S1, USD668443 S1, USD643971 S1, USD638622 S1, USD637389 S1, USD631438 S1, USD623844 S1, USD604896 S1, USD600200 S1, USD561460 S1, USD546762 S1, USD535945 S1, USD530269 S1, USD528502 S1, USD480498 S1, USD453572 S1, USD443409 S1, USD426517 S1, USD396741 S1, USD373468 S1, USD373467 S1, USD373465 S1, USD371902 S1, USD345645 S1, USD336982 S1, USD301454 S1, USD248042 S1, USD151655 S1, US9185988 BA, US9088181 BB, US8695614 BB, US8530066 BB, US8393340 BB, US8360079 BB, US7614600 BA, US7562667 BB, US7013903 BB, US7000624 BB, US6923058 BB, US6830058 BB, US6612713 BA, US5057386 A, US4836232 A, US4527721 A, US4193389 A, US3456661 A, US312446 A, US2740823 A, US2679256 A, US2571634 A, US2014211489 AA, US2014150837 AA, US2014144490 AA, US2014009103 AA, US2013240006 AA, US2013234645 AA, US2013224545 AA, US2012235477 AA, US2012219849 AA, US2012060361 AA, US2012017954 AA, US2011265694 AA, US2011232704 AA, US2011203633 AA, US2011143178 AA, US2010307547 AA, US2010154786 AA, US2009058354 AA, US2008105287 AA, US2008006312 AA, US2007242450 AA, US2007127231 AA, US2006124157 AA, US2005196665 AA, US2005161067 AA, US2005146876 AA, US2005133077 AA, US2002078986 AA, US1397789 A, KR101112638 B1,

Forward Citations: WO17000931, WO16109848, WO16040749, WO15103639, USD783522, USD779810, USD765387, USD758062, USD758036, USD756623, USD755120, USD753384, USD750365, USD749313, USD748905, USD728466, USD727614, USD724524, USD723205, US9553481, US9510653, US9490659, US9455597, US9289039, US9203257, US9185988, US9125462, US2016036267, US2015340892, US2015280457, US2015136944, GB2536450, DE102015113993, CN104814584, CN104799513,

Abstract:

Source: US2014028242A A device for providing electrical power from light for charging a portable electronic device includes a frame structure, a shade attached to the frame structure, and a solar panel attached to the frame structure and positioned above the shade. The device includes a rechargeable battery configured to be recharged by the solar panel, and a charging terminal configured to connect to the portable electronic device and supply charge from the rechargeable battery to the portable electronic device.



0) US2012145315A – ANISOTROPIC CONDUCTIVE POLYMER MATERIAL

11) Family number: 47905958 (US2012145315A)

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Title: ANISOTROPIC CONDUCTIVE POLYMER MATERIAL

Priority: NO20090002381 20090622 NO20100001761 20101215 WO2010NO00241 20100622
WO2010NO00242 20100622 US20120380227 20120517 US20160228671 20160804
WO2010NO00249 20100622 WO2011NO00345 20111214

Family:

Publication number	Publication date	Application number	Application date
AU2010263367 AA	20101229	AU20100263367	20100622
AU2010263367 BB	20150806	AU20100263367	20100622
AU2010263374 AA	20101229	AU20100263374	20100622
CN102483969 A	20120530	CN201080033252	20100622
CN102483970 A	20120530	CN201080033253	20100622
CN102483970 B	20150218	CN201080033253	20100622
CN103517958 A	20140115	CN201180060566	20111214
EP2446447 A1	20120502	EP20100792384	20100622
EP2446447 A4	20130424	EP20100792384	20100622
EP2446448 A1	20120502	EP20100792390	20100622
EP2446448 A4	20130501	EP20100792390	20100622
EP2446721 A1	20120502	EP20100737388	20100622
EP2652059 A2	20131023	EP20110811183	20111214
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IN00138DN2012 A	20130201	IN2012DN00138	20120105
JP2012531026 T2	20121206	JP20120517432T	20100622
JP2012531060 T2	20121206	JP20120517434T	20100622
JP2014506271 T2	20140313	JP20130544418T	20111214
JP5536882 B2	20140702	JP20120517432T	20100622
KR20120052938 A	20120524	KR20127001528	20100622
KR20120101627 A	20120914	KR20127001527	20100622
KR20130129235 A	20131127	KR20137017661	20111214
NO20092381 A	20101223	NO20090002381	20090622
NO333507 B1	20130624	NO20090002381	20090622
SG177314 A1	20120228	SG20110095072	20100622
SG177315 A1	20120228	SG20110095080	20100622
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US2012231178 AA	20120913	US20100380189	20100622
US2012240992 AA	20120927	US20100380200	20100622
US2017034964 AA	20170202	US20160228671	20160804
US9437347 BB	20160906	US20100380227	20100622
WO10151141 A1	20101229	WO2010NO00241	20100622
WO10151142 A1	20101229	WO2010NO00242	20100622
WO10151148 A1	20101229	WO2010NO00249	20100622
WO12081992 A2	20120621	WO2011NO00345	20111214
WO12081992 A3	20120816	WO2011NO00345	20111214

Probable Assignee: CONDALIGN AS

Assignee(s):^(std): SVASAND ELDRID ; INST ENERGITEKNIK ; HELGESEN GEIR ; SVAASAND ELDRID ;
KNAAPILA MATTI ; MAELAND ARNULF ; KNAPPILA MATTI ; BUCHANAN MARK ;
CONDALIGN AS ; CONDALIGN AS INST 18 ; CONDALIGN INST 18 AS

Assignee(s): INSTITUTT FOR ENERGITEKNIKK ; CONDALIGN AS INSTITUTTV 18 ; CONDALIGN INSTITUTTV 18 AS

Inventor(s):^(std): HELGESEN GEIR ; KNAAPILA MATTI ; MATTI KNAAPILA ; SVAASAND ELDRID ; SVASAND ELDRID ; MELAND ARNULF ; MAELAND ARNULF ; KNAPPILA MATTI ; MATTI KNAPPILA ; MARK BUCHANAN ; MAELAND ARNUL ; GEIR HELGESEN ; ELDRID SVAASAND ; ARNUL MAELAND ; BUCHANAN MARK ; GEI HELGESEN

Inventor(s): HELGESEN GEI ; ELDRID SVASAND ; ARNULF MAELAND

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; VALEA AB; CURO AS; OBLON MCCLELLAND MAIER AND NEUSTADT LLP; IP COOP IPR SA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): B05D1/00 B05D1/40 B05D3/14 B05D5/12 B29C65/52 B32B37/12 B32B38/00 B81B1/00 B81C1/00 B82B1/00 B82B3/00 C08K3/04 C08K3/08 C08K3/22 C08L101/00 C09J11/04 C09J201/00 C09J5/02 C09J9/02 H01B1/00 H01B1/02 H01B1/04 H01B1/12 H01B1/22 H01B1/24 H01B13/00 H01B13/34 H01B5/16 H01G9/00 H01L23/532 H01L31/0224 H01L31/042 H01L31/05 H01M4/62 H01M4/64 H01M4/66 H02H9/04 H05F3/02 H05K3/32 H05K9/00 (Advanced/Invention); B82Y40/00 H01B1/00 H01B1/20 H01B1/22 H01B1/24 H01B5/16 (Advanced/Non-invention)

CPC: C08J3/20 C08J2300/24 B29C70/62 B29K2995/0005 C09D5/24 C09D7/1291 C08K2201/001 B82Y30/00 C09J9/02 C08K3/04 C08K3/08 C08K3/22 C08K7/00 C09J11/04 H01B1/22 C08K2201/016 H05F1/00 B81B1/00 B82B3/00 H01G9/0003 H05F3/025 H01M4/628 B05D1/005 B05D1/40 B05D3/14 B05D2601/20 H05K9/0079 H01B1/24

European class: B82Y30/00 C09J11/04 C09J9/02 H01B1/22 H01B1/24 H05K9/00M3 M08K3/04 M08K3/08 M08K3/22 M08K7/00

US class: 1/1 136/256 156/272.2 156/273.9 156/273.900P 252/500 252/500S 252/502 252/502S 252/512 252/512S 252/518.1 252/518.100S 264/440 264/440S 361/220 361/56 427/457 427/466 427/466S 427/532 977/842 977/842S

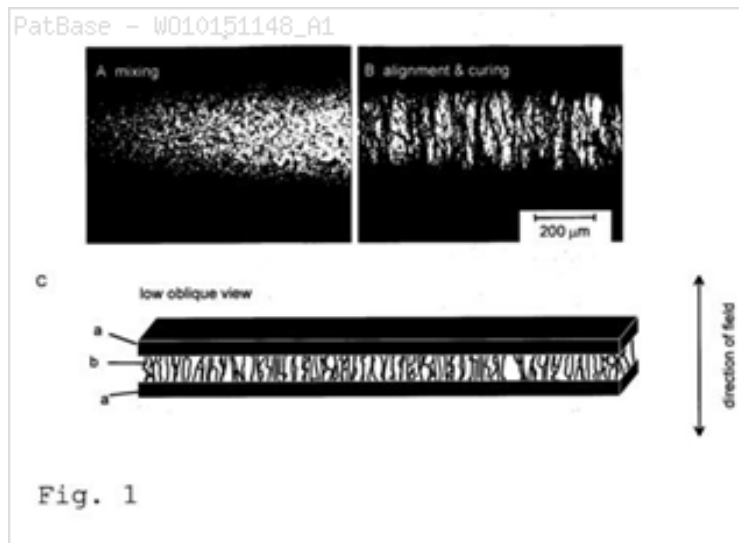
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Forward Citations: WO16086089, WO15177275, WO14110238, WO13055854, WO12085105, WO12085084, WO12081992, WO12025016, US9437347, US9431635, US9391303, US9318727, US9169601, US9105573, US8673184, US2016004125, US2014374726, US2014167019, US2014124711, US2014097380, US2013264019, US2013257624, US2013092881, US2012231178, US2012224285, KR20140135646, KR101580113, JP6063946, JP2015503178, GB2522841, EP3157018, EP2947662, CN105493204, CN104094360, AU2012322863,

Abstract:

Source: US2012145315A A method for forming a body comprising a mixture of a matrix and conductive particles, whereby the conductive particles are formed into aligned conductive pathways in an alignment step by applying an electric field between alignment electrodes and thereafter stabilizing the mixture wherein the conductive particles have a low aspect ratio; and a polymeric composition and method for producing such composition which is curable by UV light to an anisotropic electrically conductive polymer layer, comprising i) providing a non-conductive matrix of a flowable polymer composition having inherent photocurability, ii) adding to matrix conductive particles having low aspect ratio in an amount to allow the concentration of the conductive particles to be maintained at a level lower than the percolation threshold, and iii) placing the formed composition in a receptacle where exposure to UV light is prevented, and a method for establishing an anisotropic electrically conductive, optionally thermally conductive



12) Family number: 64783783 (FR3039321A)

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Title: IONOMERES AROMATIQUES AROMATIC IONOMERS (Machine translation)

Priority: FR20150056968 20150722

Family:

Publication number	Publication date	Application number	Application date
<u>FR3039321 A1</u>	20170127	FR20150056968	20150722

Probable Assignee: CENTRE NAT RECH SCIENT

Assignee(s):^(std): CENTRE NAT RECH SCIENT ; ERAS LABO

Assignee(s): CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

Inventor(s):^(std): DANYLIV OLESIA ; IOJOIU CRISTINA ; MERCIER REGIS ; SANCHEZ JEAN YVES ; SWIECICKA JOANNA

Inventor(s): OLESIA DANYLIV ; REGIS MERCIER ; JEAN YVES SANCHEZ ; JOANNA SWIECICKA ; CRISTINA IOJOIU

Agent(s): IPSILON BREMA LOYER

International class
(IPC 8-9): C07C303/02 C07C303/22 C07C309/24 C07C309/28 C08G65/00 C08G65/34 H01M8/10 (Advanced/Invention)

CPC: H01M10/0565 C08L71/00 H01M10/052

[Classification Explorer](#)**Cited documents:** WO14022224 A1, WO0077057 A2, US2009163692 AA, US2008114183 AA,**Abstract:**

Source: FR3039321A L'invention concerne des ionomeres aromatiques, leur procede de preparation, une composition electrolyte comprenant un desdits ionomeres aromatiques, leurs utilisations, et un dispositif electrochimique comprenant au moins un desdits ionomeres aromatiques, notamment a titre de separateur polymere ou de membrane electrolyte polymere. The invention relates to aromatic ionomers, their process for preparation, a composition electrolyte comprising one of the aromatic ionomers, their uses, and a device aperature comprising at least one of those aromatic, ionomers, such as polymer separator or membrane electrolyte polymer.

0) US2009257259A – BRIDGE SYNCHRONOUS RECTIFIER

13) Family number: 43764014 (US2009257259A)

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Title: BRIDGE SYNCHRONOUS RECTIFIER

Priority: IL20100208197 20100916 US20080064618P 20080317 US20080071151P 20080415
 US20080129526P 20080702 US20080129859P 20080724 US20080129859P 20080727
 US20080129970P 20080804 US20090423530 20090414 US20090497088 20090702
 US20100883457 20100916 US20110205672 20110809 US20120458164 20120427
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 US20120598697P 20120214 US20120655775P 20120605 US20120673844P 20120720
 US20120699876P 20120912 US20150665762 20150323 US20140969159P 20140323
 US20150706807 20150507 US20120723326P 20121107 US20140969519P 20140323
 WO2008IL01641 20081218 WO2011IL00706 20110905 WO2012IL50491 20121129
 WO2012IL50544 20121220 WO2013IL50914 20131106 US20150723755 20150528
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 US20160078552 20160323

Family:

Publication number	Publication date	Application number	Application date
AU2008353278 AA	20090924	AU20080353278	20081218
CA2718901 AA	20100917	CA20082718901	20081218
CN102084442 A	20110601	CN200880129268	20081218
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EP2803126 A2	20141119	EP20120824819	20121220
EP2938006 A1	20151028	EP20150160396	20150323
IL208197 A0	20101230	IL20080208197	20081218
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JP2011514801 T2	20110506	JP20110500345T	20081218
JP5483030 B2	20140507	JP20110500345T	20081218
KR20100130215 A	20101210	KR20107022956	20081218
KR20140053297 A	20140507	KR20147006315	20110905
US2009257259 AA	20091015	US20090423530	20090414
US2010066176 AA	20100318	US20090497088	20090702
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US2012193993 AA	20120802	US20110205672	20110809
US2012212073 AA	20120823	US20120458164	20120427
US2014125146 AA	20140508	US20140152358	20140110
US2014125147 AA	20140508	US20140152368	20140110
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US2014252872 AA	20140911	US20140283981	20140521
US2014292097 AA	20141002	US20140293607	20140602
US2014292098 AA	20141002	US20140306123	20140616
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US2015195013 AA	20150709	US20150665762	20150323
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US2015311956 AA	20151029	US20150740108	20150615
US2015326032 AA	20151112	US20150790582	20150702

<u>US2016204657 AA</u>	20160714	US20160078561	20160323
<u>US2017025884 AA</u>	20170126	US20160078552	20160323
<u>US8188619 BB</u>	20120529	US20090497088	20090702
<u>US8320143 BB</u>	20121127	US20090423530	20090414
<u>US8427012 BB</u>	20130423	US20120458164	20120427
<u>US8981598 BB</u>	20150317	US20110205672	20110809
<u>US9006937 BB</u>	20150414	US20140283981	20140521
<u>US9035501 BB</u>	20150519	US20140283182	20140520
<u>US9048696 BB</u>	20150602	US20140152358	20140110
<u>US9083204 BB</u>	20150714	US20140152368	20140110
<u>US9099894 BB</u>	20150804	US20140306123	20140616
<u>US9136734 BB</u>	20150915	US20100883457	20100916
<u>US9331750 BB</u>	20160503	US20150665762	20150323
<u>US9337902 BB</u>	20160510	US20140311849	20140623
<u>WO09116025 A2</u>	20090924	WO2008IL01641	20081218
<u>WO09116025 A3</u>	20100311	WO2008IL01641	20081218
<u>WO13021371 A1</u>	20130214	WO2011IL00706	20110905
<u>WO15145433 A1</u>	20151001	WO2015IL50307	20150324

Probable Assignee: POWERMAT TECHNOLOGIES LTD

Assignee(s):^(std): ASHERY MOTI ; AZANCOT YOSSI ; BEN SHALOM AMIR ; GREENWALD OOLA ; LEI BOVITZ ALFRED ; LEIBOVITZ ALFRED ; POWERMAT LTD ; ROFE ARIK ; RHODES DOV ; MEYUHAS NOAM ; POWERMAT TECHNOLOGIES LTD ; MACH ELIESER ; RAVEH GUY ; POWERMAT TECH LTD

Inventor(s):^(std): ALFRED LEIBOVITZ ; AMIR BEN SHALOM ; ARIK ROFE ; ASHERY MOTI ; AZANCOT YOSSI ; BEN HANOCHE RACHEL ; BEN SHALOM AMIR ; BRAHA ILAN ; DOV RHODES ; GREENWALD OOLA ; HAMISHA CHARLE ; LEI BOVITZ ALFRED ; LEIBOVITZ ALFRED ; MACH ELIESER ; MEYUHAS NOAM ; MOSHKOVICH OZ ; NOAM MEYUHAS ; NUDELMAN ARYE ; OOLA GREENWALD ; OZANA CHARLIE ; RAAB YOEL ; RAINES MOSHE ; RAVEH GUY ; RHODES DOV ; ROFE ARIK ; SADAN DUSCHACK EINAV ; SHALOM AMIR BEN ; SHERMAN ITAY ; SHERMAN ITAY ; SHERMAN ITAY ; SHRAGA ROTEM ; YOSSI AZANCOT

Agent(s): ALLENS ARTHUR ROBINSON PATENT AND TRADE MARKS ATTORNEYS; ALLENS PATENT AND TRADE MARK ATTORNEYS; TEITELBAUM AND MACLEAN; BECK AND ROESSIG EUROPEAN PATENT ATTORNEYS; BECK AND ROESSIG EUROPEAN PATENT ATTORNEYS; WILLIAM H DIPPET ECKERT SEAMANS CHERIN AND MELLOTT LLC; BROOKS KUSHMAN PC; BROOKS KUSHMAN P C; LAURENCE; WILLIAM; WERNER; JMB FACTOR AND CO; GOLD PATENTS AND FINANCIAL SERVICES LTD; GOLDRACH MARGANIT ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): H01F H01F10/13 H01F27/42 H01F38/00 H01F38/14 H01H83/00 H02J17/00 H02J5/00 H02J50/10 H02J50/12 H02J50/40 H02J50/80 H02J7/00 H02J7/02 H02J7/04 H02M5/45 H02M7/12 H04B10/08 H04B5/00 H04B7/00 (Advanced/Invention); H01F27/26 H01F27/36 H01F27/42 H01F38/14 H01M10/44 H02J17/00 H02J7/00 H02M3/337 H02M5/451 H02M5/458 H02M7/48 (Advanced/Non-invention); H01F27/42 H01F38/00 H02M7/12 (Core/Invention); H01F (Subclass/Invention)

CPC: H02M7/217 H02J7/0044 H04B5/0093 H02M3/3376 H02M2007/4815 Y02B70/1433 Y02B70/1441 Y10T307/766 Y10T29/4902 H02J7/0042 H01F27/266 H01F27/365 H02J5/005 H01F38/14 H01F2038/143 H04B5/0031 H04B5/0081 H02J17/00 H02J50/10 H02J50/80 H02J50/12 H02J50/40 H02J7/04 H02J2007/0096 H02J7/025 H04B5/0037

European class: H01F38/14 H02J5/00T H02J7/02B1 H02M7/217 T01F27/26B T01F27/36B T01F38/14A T02M3/337C T02M7/48N Y02B70/14D4 Y02B70/14D6

US class: 1/1 29/602.1 307/104 307/104P 307/116 307/116P 320/108 363/127 363/69 363/89 363/89P 455/41.1

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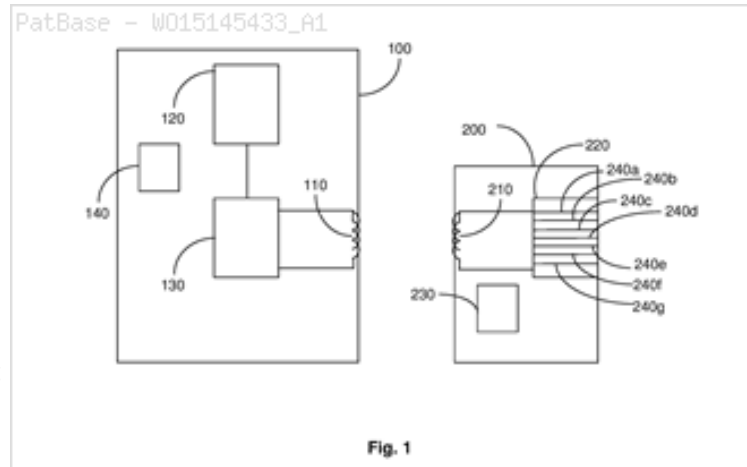
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Abstract:

Source: US2009257259A A current-triggered synchro-rectifier comprising an electronic switch configured to be in its ON setting when the current flowing through its cathode exceeds a predetermined threshold. The electronic switch may include a half-wave rectifier wired to the source terminal and the drain terminal of a MOSFET device, and a current monitor configured to monitor the drain-current flowing through the drain terminal. The current monitor sends a gate signal to the gate terminal such that the MOSFET is switched to its ON state when the drain-current exceeds a first threshold current and the MOSFET is switched to its OFF state when the drain-current falls below a second threshold current. Usefully, the synchro-rectifier may be incorporated into a full-wave rectifier.



14) Family number: 28212589 (US2002120846A)

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Title: ELECTRONIC PAYMENT AND AUTHENTICATION SYSTEM WITH DEBIT AND IDENTIFICATION DATA VERIFICATION AND ELECTRONIC CHECK CAPABILITIES

Priority: CA20012354372 20010731 CA20092744709 20091126 CA20172744709 20170214
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Family:

Publication number	Publication date	Application number	Application date
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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

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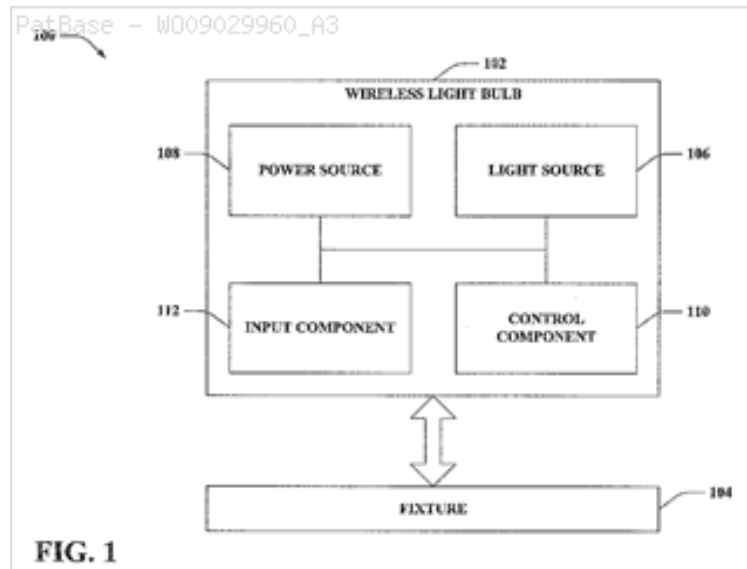
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Abstract:

Source: US2002120846A An electronic payment and authentication system that includes features to verify the authenticity of a payer, validate debit data, and facilitate debit (as opposed to credit) payment transactions. The electronic payment system allows a consumer to purchase items and services via a network while utilizing a debit transaction. The invention provides merchants with the ability to verify the identity of the consumer, determine if the consumer is a good debit transaction risk, and retrieve debit data associated with a particular consumer.



15) Family number: 50451830 (US2012006412A)

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Title: SPORTS PITCH RAINWATER HARVESTING SYSTEMS SUITABLE FOR USE IN DEVELOPING COUNTRIES

Priority: US20100362216P 20100707 US20110176468 20110705 US20110177150 20110706
US20110176489 20110705 WO2011US43162 20110707 WO2011US43166 20110707

Family:	Publication number	Publication date	Application number	Application date
	<u>CN103119778 A</u>	20130522	CN201180033703	20110707
	<u>EP2591169 A1</u>	20130515	EP20110804327	20110707
	<u>EP2591169 A4</u>	20161221	EP20110804327	20110707
	<u>EP2591523 A1</u>	20130515	EP20110804329	20110707
	<u>EP2591523 A4</u>	20170104	EP20110804329	20110707
	<u>US2012006412 AA</u>	20120112	US20110177150	20110706
	<u>US2012006738 AA</u>	20120112	US20110176489	20110705
	<u>US2012007365 AA</u>	20120112	US20110176468	20110705
	<u>US8640387 BB</u>	20140204	US20110177150	20110706
	<u>US8663465 BB</u>	20140304	US20110176489	20110705
	<u>US8882441 BB</u>	20141111	US20110176468	20110705
	<u>WO12006409 A1</u>	20120112	WO2011US43162	20110707
	<u>WO12006410 A1</u>	20120112	WO2011US43164	20110707
	<u>WO12006411 A1</u>	20120112	WO2011US43166	20110707

Probable Assignee: ATOPIA RES**Assignee(s):**^(std) HARRISON JANE ; KING DOUG ; SOBOYEJO WOLE ; TURNBULL DAVID ; ATOPIA RES**Assignee(s):** ATOPIA RESEARCH**Inventor(s):**^(std) HARRISON JANE ; KING DOUG ; SOBOYEJO WOLE ; TURNBULL DAVID**Agent(s):** LAUFHUETTE DIETER; CROWELL AND MORING LLP; DIEFENDORF RICHARD R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class ^(IPC 8-9): B01D29/56 C02F1/00 E01C13/08 E03B3/03 E04H12/18 E04H3/10 E04H3/12 F03D11/04 F03D13/20 F03D9/00 F15D1/00 H01M10/46 (Advanced/Invention)

CPC: Y10S415/907 E04H3/10 E03B3/03 Y10T137/0318 Y10T137/794 E04H12/182 E04H12/187

European class: E03B3/03 E04H3/10 Y02E10/72

US class: 137/1 137/1P 137/544 137/544S 210/153 210/172.1 210/253 210/257.1 210/257.100P 210/258 210/262 210/322 210/416.3 210/474 210/489 210/510.1 210/747.2 210/747.3 290/55 290/55P 415/4.2 415/4.4 415/907 416/142 52/6 52/8 52/8S 52/DIG.9

[Classification Explorer](#)

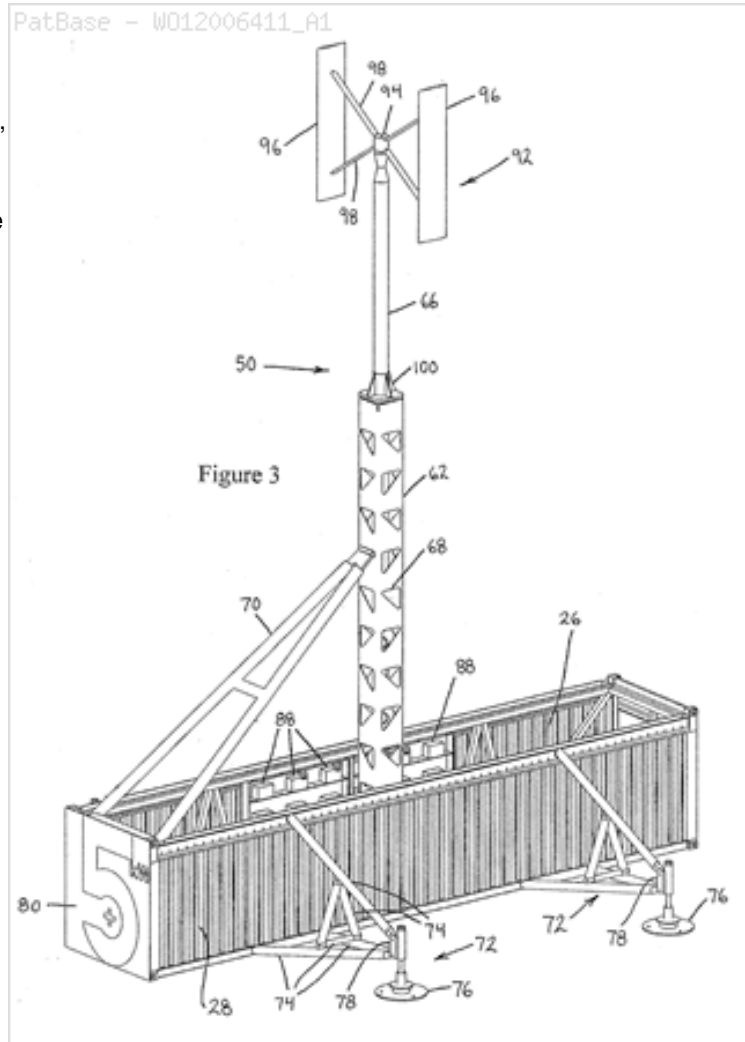
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Forward Citations: USD757889, US9562353, US9556048, US8973313, US8915697, US8640387, US8598724, US2015143757, US2014321989, US2013104994, US2012006412, US2010140949, US2010102557,

Abstract:

Source: US2012006412A A water harvesting sports arena system includes a stadium seating area, a playing surface operating as at least a part of a water catchment arrangement, and a water reservoir, which may be a segmented tank, positioned below the playing surface to receive and store water passing through the playing surface. A water discharge arrangement is associated with the water reservoir so that water is dischargeable from the water reservoir for consumption or other uses. The stadium seating area is advantageously impervious to water so as to direct water toward the playing field for capture.



16) Family number: 64029551 (CN205691095U)

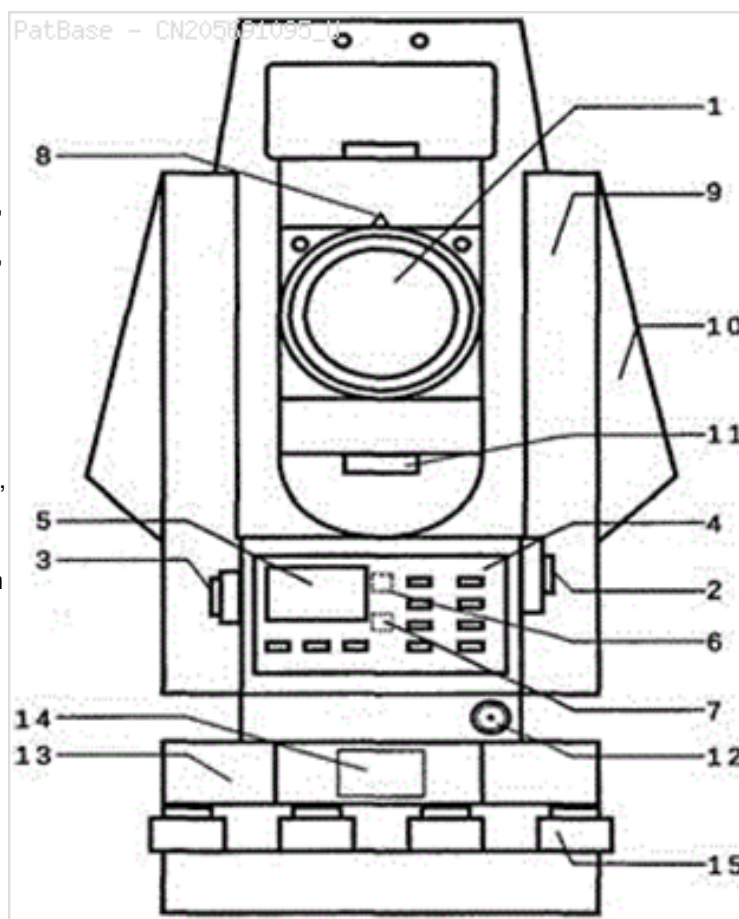
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Title: FLUID PRESSURE TYPE LASER LEVELING THEODOLITE**Priority:** CN201620125438U 20160218

Family:	Publication number	Publication date	Application number	Application date
	<u>CN205691095 U</u>	20161116	CN201620125438U	20160218

Probable Assignee: WU ZHEN HUI**Assignee(s):^(std):** WU HAO ; LUO XIN ; LIU JIQIAO ; ZHAO LEI ; WU ZHENHUI ; LI XIUYU**Assignee(s):** LIU JI QIAO ; WU ZHEN HUI**Inventor(s):^(std):** LI XIUYU ; LIU JIQIAO ; LUO XIN ; WU HAO ; WU ZHENHUI ; ZHAO LEI**International class** G01C1/02 (Advanced/Invention)
(IPC 8-9).[Classification Explorer](#)**Abstract:**

Source: CN205691095U The utility model discloses a fluid pressure type laser leveling theodolite, including the telescope, the telescope braking, the level braking, manipulation panel, the LED display screen, the bluetooth, a controller, the sight, embedded lithium battery box, solar cell panel, the pipe spirit level, the spiral is connected to the axle bed, the directional scale of summary, laser level, foot screw, hydraulic means, the top surface board, a -frame and support braking, embedded lithium battery box and solar cell panel are fixed to be set up in the one side of circling right, the telescope braking is fixed to be set up in the one side of circling right, the level braking is fixed to be set up in the one side of facing left, and there is the telescope between facing left and circling right, be equipped with the sight on the telescope, manipulation panel fixes in the telescope below, the last LED display screen that is equipped with of manipulation panel, bluetooth and controller, the pipe spirit level is fixed in the manipulation panel top, the directional scale of summary is fixed in the manipulation panel below, be provided with laser level on the directional scale of summary, the spiral is connected to the other axle bed that is provided with of the directional scale of summary, the directional scale below of summary sets up foot screw, the fixed hydraulic means that sets up in top surface board top, top surface board below is equipped with A -frame, the last fixed support braking that sets up of A -frame, the sight is connected with the telescope, laser level is connected with hydraulic means and bluetooth respectively, and manipulation panel, the LED display screen, the bluetooth, laser level and hydraulic means all are connected with the controller. The utility model discloses can according to the theodolite the operational environment of difference to the difference that the topography circumstances, work efficiency required, utilize hydraulic means auto leveling and use whether level of laser check -up, solved the problem that the survey crew can not quick accurate leveling.



17) Family number: 52120528 (US2014021115A)

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Title: MOBILE WATER PURIFICATION SYSTEM

Priority: DK20110070159 20110404 EP20120719252 20120403 US20110477234P 20110420
WO2012DK50107 20120403 US20120009749 20120403

Family:	Publication number	Publication date	Application number	Application date
	<u>DE602012020701 D1</u>	20160901	DE201260020701T	20120403
	<u>DK2694445 T3</u>	20161114	DK20120719252T	20120403
	<u>EP2694445 A1</u>	20140212	EP20120719252	20120403
	<u>EP2694445 B1</u>	20160720	EP20120719252	20120403
	<u>US2014021115 AA</u>	20140123	US20120009749	20120403
	<u>WO12136220 A1</u>	20121011	WO2012DK50107	20120403

Probable Assignee: MUCH MORE WATER A S

Assignee(s):^(std): ELLEGAARD JESPER ; MUCH MORE WATER AS ; PURE H2O AS ; PURE H2O AS

Assignee(s): PURE H2O A S ; PURE H2O A S ; MUCH MORE WATER A S

Inventor(s):^(std): ELLEGAARD JESPER

Agent(s): HOEIBERG A S

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class (IPC 8-9): C02F1/02 C02F1/28 C02F1/32 C02F1/44 C02F1/68 C02F1/76 C02F9/00 (Advanced/Invention);
C02F1/02 C02F1/28 C02F1/32 C02F1/44 C02F1/68 C02F1/76 (Advanced/Non-invention)

CPC: C02F9/005 C02F1/02 C02F1/283 C02F1/32 C02F1/441 C02F1/444 C02F1/68 C02F1/76 C02F2201/006 C02F2201/007 C02F2201/008 C02F2201/009 Y02W10/37

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US class: 210/182 210/251 210/254

[Classification Explorer](#)

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Forward Citations: WO16014584, WO15118559, WO14049430, WO14049430, US9540253, US2013192836, FR3038310,

Abstract:

Source: US2014021115A The present invention relates to a mobile water purification system employing crossflow filtration, such as reverse osmosis filtration. One embodiment of the invention discloses a mobile water purification system comprising a housing, a pump unit and a piping system for providing fluid communication between a water inlet, a pre-filtration unit, a crossflow filtration unit, a disinfection unit and an outlet for supply of purified water, wherein the pre-filtration unit comprises sediment/cartridge filtrations means and dechlorination means, the cross-flow filtration unit comprises a plurality of parallel and/or sequentially arranged membrane filters, and the piping system is reconfigurable such that the crossflow filtration unit can be bypassed. The present water purification system is adapted to be deployed in remote areas substantially anywhere in the world.

PatBase - W012136220_A1

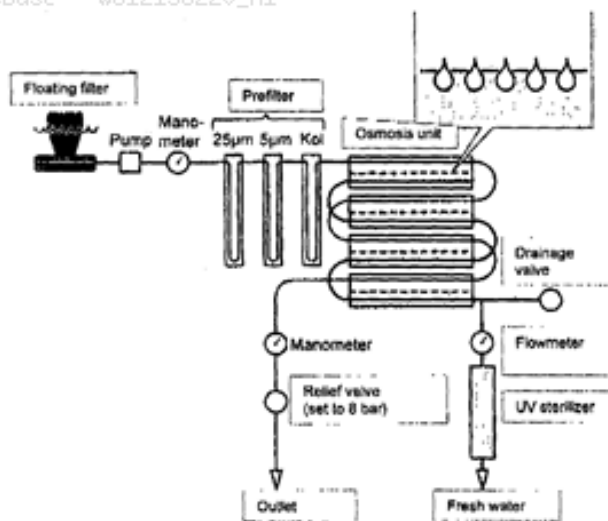


Fig. 2

18) Family number: 63976256 (CN205674823U)

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Title: MULTI –PURPOSE VEHICLE(MPV) GOODS OF FURNITURE FOR DISPLAY RATHER THAN FOR USE

Priority: CN201620579888U 20160615

Family:	Publication number	Publication date	Application number	Application date
	CN205674823 U	20161109	CN201620579888U	20160615

Probable Assignee: ZHEJIANG IND POLYTECHNIC COLLEGE

Assignee(s):^(std): ZHEJIANG IND POLYTECHNIC COLLEGE

Assignee(s): ZHEJIANG VOCATIONAL AND TECHNICAL COLLEGE

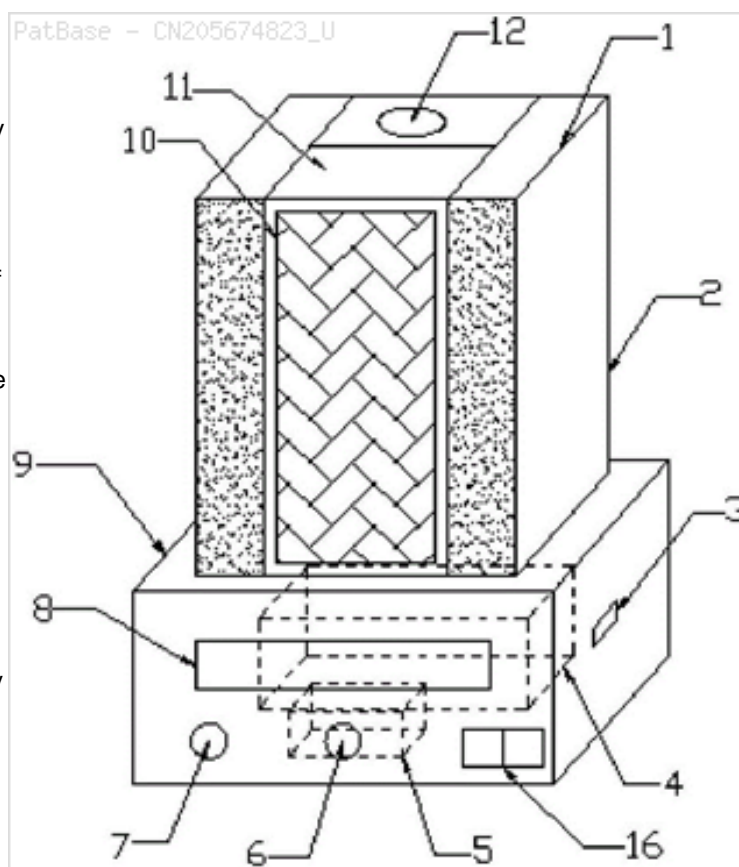
Inventor(s):^(std): SHAO SHUFENG

International class B44C5/00 B60H3/02 (Advanced/Invention)
(IPC 8-9).

[Classification Explorer](#)

Abstract:

Source: CN205674823U The utility model discloses a multi –purpose vehicle(MPV) goods of furniture for display rather than for use, including the goods of furniture for display rather than for use body, one side of goods of furniture for display rather than for use body is equipped with solar cell panel, one side of base is equipped with the LED display screen, the lower part of LED display screen is equipped with temperature sensor, one side of temperature sensor is equipped with humidity transducer, the inside of base is equipped with rechargeable battery, the bottom of base is equipped with the sucking disc, the top of base is equipped with air humidifier, air humidifier's both sides all are equipped with loudspeaker, air humidifier's one end is equipped with the humidification mouth, air humidifier's the other end is equipped with the storage water tank, the top of storage water tank is equipped with the water filling port, this kind of multi –purpose vehicle(MPV) goods of furniture for display rather than for use, through be equipped with air humidifier in the goods of furniture for display rather than for use, loudspeaker, temperature sensor and humidity transducer, let the car goods of furniture for display rather than for use have the humidification, pronunciation broadcast and the function that shows temperature humidity, the practicality is higher, through the solar cell panel who is equipped with, be the electric energy with solar energy conversion, can practice thrift the energy consumption of car humidification system effectively, it is energy –concerning and environment –protective.



19) Family number: 63970029 (CN205671857U)

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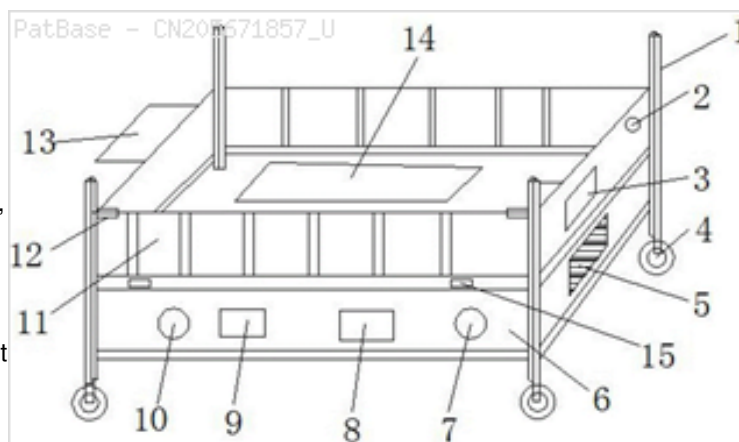
Title: NOVEL BABY BED**Priority:** CN201620297875U 20160412

Family:	Publication number	Publication date	Application number	Application date
	<u>CN205671857 U</u>	20161109	CN201620297875U	20160412

Probable Assignee: ANHUI BUSINESS COLLEGE**Assignee(s):**^(std): ANHUI BUSINESS COLLEGE ; ANHUI BUSINESS VOCATIONAL TECHNICAL COLLEGE**Inventor(s):**^(std): LIU FANGYI**International class** A47D15/00 A47D7/00 (Advanced/Invention)
(IPC 8-9):[Classification Explorer](#)**Abstract:**

Source: CN205671857U The utility model belongs to the technical field of daily life and a novel baby bed is disclosed, including erecting roof beam, panel, putting thing box and shaking table, be connected with camera, formaldehyde detector and solar cell panel on the panel of perpendicular roof beam one side, it is equipped with universal brake gyro wheel to erect breast portion, the panel top layer is equipped with LED acoustic control response lamp, the panel inboard is equipped with battery, bluetooth audio player and smoke alarm. The utility model discloses a camera set up the record baby coarse that grows up, can be storage battery charging for the electric energy with solar energy transformation through setting up of solar cell panel, the

realization that sets up through the formaldehyde detector is monitored the living environment, early warning function is played in setting through smoke alarm, because setting up of bluetooth audio player realizes the music broadcast, attract baby's attention, enjoy for baby's music, realize the illumination at night through setting up of LED acoustic control response lamp, conveniently look after, make the function more complete through setting up of cradle, therefore, the clothes hanger is strong in practicability, and is worthy of popularization.



0) US2002014951A – REMOTE CONTROL FOR A HOSPITAL BED

20) Family number: 42244894 (US2002014951A)

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Title: REMOTE CONTROL FOR A HOSPITAL BED

Priority: EP20020756914 20020802 EP20100003711 20020802 JP20020589925 20020515
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Family:

Publication number	Publication date	Application number	Application date
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Assignee(s): DRAEGER MEDICAL INFANT CARE INC ; HILL ROM SERVICES INC INDIANA CORP ; JACQUES WILLIAM L II ; HILL ROM SERVICES INC INDIANA CORPORATION ; HILL ROM SERVICES INC A DELAWARE CORPORATION ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; RILEY CARL WILLIAM ; LESTIENNE JAMES ; ROTHWELL MICHAEL W ; MAHER PATRICIA S ; DRAEGER MEDICAL INC ; HILL ROM SERVICES INC A DELAWARE CORP ; HILL ROM SERVICES INC (INDIANA CORPORATION) ; HILL ROM SERVICES INC (A DELAWARE CORPORATION) ; HAUSMAN PHILLIP ; CLAIR NANCY ST ; BOONE OTHO

Inventor(s):^(std): CERIMELE MICHAEL ; CERIMELE MICHAEL E ; CLAIR NANCY ST ; ECKSTEIN GERALD D ; GEORGE CHRISTOPHER ; GEORGE CHRISTOPHER M ; GOULD RAYMOND C ; HAUSMAN PHILLIP ; BAGNELL JOSEPH P ; BOONE OTHO ; BOONE OTHO N ; HORNBACH DAVID W ; JACQUES II WILLIAM L ; JACQUES WILLIAM L ; JACQUES WILLIAM L II ; KRAMER KENNETH L ; LESTIENNE JAMES ; LESTINNE JAMES ; MAHER PATRICIA ; MAHER PATRICIA S ; MCDERMOTT IAN ; REEDER RYAN ; REEDER RYAN A ; REEDER RYAN ANTHONY ; RICHARDS JOHN ; RICHARDS JOHN H ; RILEY CARL ; RILEY CARL W ; RILEY CARL WILLIAM ; ROTHWELL MICHAEL W ; RUDOLPH KEN Q ; SCHUMAN RICHARD ; SCHUMAN RICHARD J ; ST CLAIR NANCY ; STRECKER ROBERT J ; VOGEL JOHN ; VOGEL JOHN D ; WALKER MICHELLE ; WALKER MICHELLE L ; WALKER MICHELLE LARSEN ; WILDMAN TIMOTHY ; WILDMAN TIMOTHY D ; ZERHUSEN ROBERT ; ZERHUSEN ROBERT M ; ZERHUSEN ROBERT MARK

Inventor(s): WILLIAM L JACQUES II ; TIMOTHY D WILDMAN ; RYAN A REEDER ; RYAN ANTHONY REEDER ; ROBERT J STRECKER ; ROBERT M ZERHUSEN ; RICHARD J SCHUMAN ; MICHAEL E CERIMELE ; MICHAEL W ROTHWELL ; NANCY ST CLAIR ; OTHO BOONE ; OTHO N BOONE ; PHILLIP HAUSMAN ; JACQUES WILLIAM LII ; JAMES LESTIENNE ; JOHN D VOGEL ; JOHN H RICHARDS ; JOSEPH P BAGNELL ; KENNETH L KRAMER ; KRAMER KENNETH ; JACQUES WILLIAM ; IAN MCDERMOTT ; CARL W RILEY ; HORNBACH DAVID

Agent(s): MACRAE AND CO; FINDLAY ALICE ROSEMARY; FINDLAY ALICE ROSEMARY ET AL; ISSHIKI AND CO; INTELLECTUAL PROPERTY GROUP, BOSE MCKINNEY AND EVANS LLP; INTELLECTUAL PROPERTY GROUP BOSE MCKINNEY AND EVANS LLP; BOSE MCKINNEY AND EVANS LLP, JAMES COLES; BOSE MCKINNEY AND EVANS LLP JAMES COLES; BARNES AND THORNBURG LLP; BOSE MCKINNEY AND EVANS LLP; CAESAR RIVISE BERNSTEIN COHEN AND POKOTILOW LTD

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): A47B1/03 A47B1/05 A47B23/00 A47B23/04 A47B23/06 A47B37/00 A47B9/20 A47C23/00 A47C31/00 A47F5/00 A61B19/00 A61B5/00 A61B5/0205 A61B5/0402 A61B5/08 A61B5/11 A61B5/145 A61G10/04 A61G11/00 A61G12/00 A61G5/00 A61G5/02 A61G7/05 A61H3/00 A61H3/04 A61J1/14 A61J7/04 A61M16/00 A61M5/00 A61N1/39 G01M1/38 G05B15/02 G06F1/00 G06F17/00 G06F19/00 G06F3/048 G06Q10/00 G06Q10/10 G06Q30/04 G06Q50/00 G06Q50/22 G06Q50/24 G08B13/00 G08B13/14 G08B21/02 G08B21/04 G08B23/00 G08B25/00 G08B25/04 G08B25/10 G08B3/10 G08B5/22 (Advanced/Invention);
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International class
(IPC 1-7):

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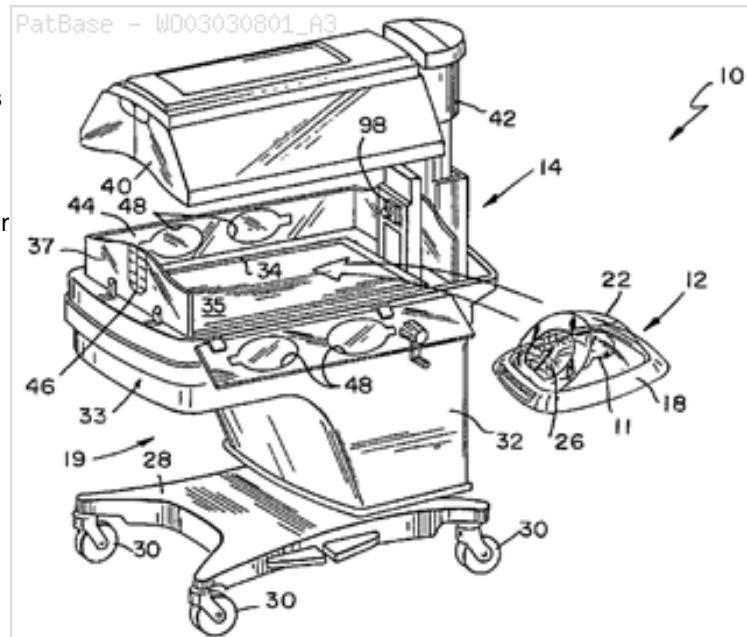
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Abstract:

Source: US2002014951A A remote control system includes beds, remote controls, and a master station in communication with the beds and the remote controls. Each bed is adapted to receive requests from a patient associated with the bed, and each remote control is adapted to present requests to a caregiver associated with the remote control. The master station is adapted to receive a nurse call request from a patient via a bed, to identify a remote control that is associated with a caregiver for the patient, and to transmit the nurse call request to the remote control identified as being associated with the caregiver for the patient.



0) US2016248270A – EMBEDDED OR DEPOSITED SURFACE ANTENNAS FOR INTE...

21) Family number: 63296712 (US2016248270A)

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Title: EMBEDDED OR DEPOSITED SURFACE ANTENNAS FOR INTEGRATED WIRELESS POWER FACILITIES

Priority: US20150118381P 20150219 US20160047577 20160218

Family:	Publication number	Publication date	Application number	Application date
	<u>US2016248270 AA</u>	20160825	US20160047577	20160218
	<u>WO16134184 A1</u>	20160825	WO2016US18541	20160218

Probable Assignee: OSSIA INC

Assignee(s):^(std): OSSIA INC

Inventor(s):^(std): ALFARRA ANAS ; SAGHATI ALIREZA ; ZEINE HATEM

Agent(s): MUINO PATRICK L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): G06F15/00 H02J50/20 H02J7/00 H02J7/02 H02J7/35 (Advanced/Invention)

CPC: H02J7/025 H02J7/35 H02J7/0054 H02J50/20 H02J7/0047 H02J7/0042 H02J50/23 H02J50/27

US class: 307/104

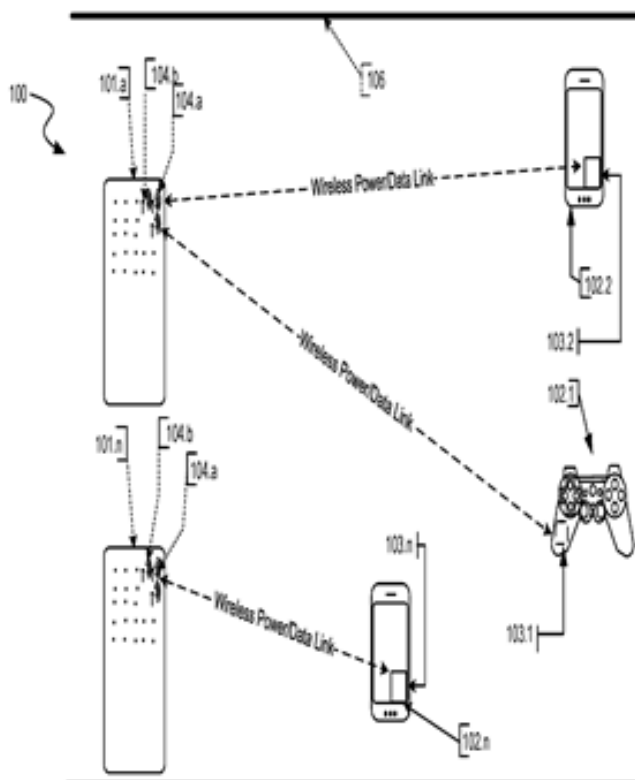
[Classification Explorer](#)

Cited documents: US2015029397 AA, US2014176983 AA, US2014106684 AA, US2014078449 AA, US2013061905 AA, US2012299389 AA, US2009167699 AA,

Abstract:

Source: US2016248270A Embodiments of the present disclosure describe various techniques for integrating wireless power facilities or functionality into an existing object or device via embedded or deposited surface antennas. More specifically, the techniques described herein provide for the ability to embed and/or otherwise deposit spatially-arrayed adaptively-phased antennas on the surface of an existing object or device such that the antennas are exposed to air and/or otherwise lacking significant interference. In some embodiments, a wireless power control system is operatively coupled to the antennas to independently control phases of the phased of the antennas in a wireless power delivery environment.

PatBase - W016134184_A1

**FIG. 1**

22) Family number: 45960626 (US2010175737A)

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Title: ACRYLIC FILM AND ACRYLIC BACKSHEET PREPARED THEREFROM

Priority: EP20090178850 20091211 JP20090282415 20091214 US20090204694P 20090109
US20090655164 20091223

Family:	Publication number	Publication date	Application number	Application date
	<u>CN101792565 A</u>	20100804	CN201010003572	20100108
	<u>CN103770417 A</u>	20140507	CN201310737699	20100108
	<u>DE602009032638 D1</u>	20150917	DE200960032638T	20091211
	<u>EP2210912 A1</u>	20100728	EP20090178850	20091211
	<u>EP2210912 B1</u>	20150805	EP20090178850	20091211
	<u>ES2547864 T3</u>	20151009	ES20090178850T	20091211
	<u>IN00046DE2010 A</u>	20100730	IN2010DE00046	20100108
	<u>IN274685 B</u>	20160805	IN2010DE00046	20100108
	<u>JP2010159415 A2</u>	20100722	JP20090282415	20091214
	<u>JP2014051681 A2</u>	20140320	JP20130258687	20131213
	<u>JP5489687 B2</u>	20140514	JP20090282415	20091214
	<u>JP5755714 B2</u>	20150729	JP20130258687	20131213
	<u>KR101146240 B1</u>	20120515	KR20100000793	20100106
	<u>KR20100082717 A</u>	20100719	KR20100000793	20100106
	<u>TW201030030 A</u>	20100816	TW20090143842	20091221
	<u>TWI409278 B</u>	20130921	TW20090143842	20091221
	<u>US2010175737 AA</u>	20100715	US20090655164	20091223
	<u>US8278548 BB</u>	20121002	US20090655164	20091223

Probable Assignee: ROHM AND HAAS CO

Assignee(s):^(std): GUO HAILAN ; POST ROBERT LEE ; ROHM AND HAAS ; VIETTI DAVID ELMER ; SONNATI MATTHIEU OLIVIER

Assignee(s): ROHM AND HAAS COMPANY ; ROHM AND HAAS COMPANYUS ; ROHM AND HAAS CO PHILADELPHIA ; ROHM AND HAAS CO

Inventor(s):^(std): ELMER VIETTI DAVID ; GUO HAILAN ; OLIVIER SONNATI MATTHIEU ; POST ROBERT L ; POST ROBERT LEE ; HAILAN GUO ; LEE POST ROBERT ; SONNATI MATTHIEU OLIVIER ; VIETTI DAVID E ; VIETTI DAVID ELMER

Inventor(s): VIETTI DAVID ELMER CARY ; SONNATI MATTHIEU OLIVIER 06200 ; MATTHIEU OLIVIER SONNATI ; POST ROBERT LEE IVYLAND ; ROBERT LEE POST ; GUO HAILAN WARRINGTON ; DAVID ELMER VIETTI

Agent(s): MURGITROYD AND CO; BUCKLEY GUY JULIAN; HOUGHTON MARK PHILLIP; DE ELZABURU ALBERTO; ROHM AND HAAS COMPANY, PATENT DEPARTMENT; ROHM AND HAAS CO PATENT DEPARTMENT; STEPHEN T

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

International class
(IPC 8-9): B32B27/08 B32B27/30 B32B27/36 B32B38/00 C08F2/44 C08F220/18 C08F265/06 C08J5/00 C08J5/18 C08J5/22 C08K3/00 C08L31/02 C08L33/08 C08L33/10 C08L51/00 H01L31/02 H01L31/042 H01L31/049 H01L31/18 (Advanced/Invention); B32B27/08 C08J5/18 C08L33/08 H01L31/042 (Advanced/Non-invention); B32B27/08 B32B38/00 C08F2/44 C08F265/00 C08J5/18 C08K3/00 C08L31/00 C08L33/00 C08L51/00 H01L31/02 H01L31/042 (Core/Invention); C08F220/18 C08J5/18 H01L31/042 (Core/Non-invention)

International class
(IPC 1-7): B32B38/00

CPC: Y02E10/50 C08J5/18 C08J2333/08 C08J2351/00 Y10T156/1039 H01L31/0481 H01L31/049

European class: C08J5/18 H01L31/048A H01L31/048D M08J333/08 M08J351/00

US class: 136/244 136/251 136/259 156/219 156/219S 156/246 156/246S 524/556 524/556S

[Classification Explorer](#)

Cited documents: WO08079394 A1, WO08040670 A1, WO07079246 A2, US6320116 BA, US5741370 A, US4141935 A, US3812205 A, US3562235 A, US2008264484 AA, US2008254397 AA, US2008254396 AA, US2008251181 AA, US2008156367 AA, US2008154004 AA, US2008096143 AA, US2007166469 AA, US2007154704 AA, JP54114595 A2, JP2008306947 A2, JP2007329939 A2, JP2007320039 A2, JP2007007885 A2, JP2004247390 A2, JP2002361712 A2, JP2002331619 A2,

Forward Citations: US2015075617, US2014238468, US2013125973, KR101296146, JP5978519, JP2013065803,

Abstract:

Source: US2010175737A An acrylic film including from 70 percent to 99 percent, by weight based on the weight of the film, of a certain multi-stage acrylic polymer and from 1 percent to 20 percent, by weight based on the weight of the film, pigment is provided. Also provided is a method for forming the acrylic film, a backsheet for a photovoltaic array that includes the acrylic film and a polyester layer, and a method for forming the backsheet.

0) US2009137351A – SUBSTANTIALLY FLUID TIGHT GAME RACKET INCLUDING...

23) Family number: 43307874 (US2009137351A)

© PatBase

Title: SUBSTANTIALLY FLUID TIGHT GAME RACKET INCLUDING A SPRING SUSPENSION MODULE

Priority: US20070986828 20071126 US20080072030 20080221 US20110046723 20110312
US20110243346 20110923 US20140304981 20140615 US20160077077 20160322

Family:	Publication number	Publication date	Application number	Application date
	US2009137351 AA	20090528	US20070986828	20071126
	US2009215558 AA	20090827	US20080072030	20080221
	US2011165975 AA	20110707	US20110046723	20110312
	US2012077630 AA	20120329	US20110243346	20110923
	US2014296006 AA	20141002	US20140304981	20140615
	US2016199702 AA	20160714	US20160077077	20160322
	US7927239 BB	20110419	US20070986828	20071126
	US7938747 BB	20110510	US20080072030	20080221
	US9132321 BB	20150915	US20110243346	20110923
	US9320946 BB	20160426	US20140304981	20140615

Probable Assignee: BOTHWELL BRETT

Assignee(s):^(std): BOTHWELL BRETT

Inventor(s):^(std): BOTHWELL BRETT

Agent(s): BRETT BOTHWELL; LISA FOUNDATION PATENT LAW CLINIC AT ARIZONA STATE UNIV

International class
(IPC 8-9): [A63B24/00 A63B49/00 A63B49/02 A63B49/10 A63B51/00 A63B51/12 A63B71/06 B29C65/70 B29C65/72 B32B37/02 B32B38/00 B65H81/00](#) (Advanced/Invention);
[A63B49/14 A63B51/12 A63B59/00](#) (Advanced/Non-invention);
[A63B49/02 A63B51/00](#) (Core/Invention)

CPC: [A63B60/54 A63B49/02 A63B49/002 A63B24/00 A63B24/0003 A63B49/022 A63B49/028 A63B49/11 A63B49/14 A63B51/00 A63B51/12 A63B60/42 A63B71/0622 A63B2071/0625 A63B2071/0655 A63B2207/02 A63B2209/00 A63B2209/02 A63B2209/023 A63B2209/08 A63B2220/56](#)

European class: [A63B49/00F A63B49/00M A63B49/02 A63B49/10G A63B51/00 A63B59/00V K63B209/00 K63B209/02L K63B209/08 K63B49/00M K63B49/14 K63B51/12 K63B59/00M K63B59/00V](#)

US class: [1/1 156/185 156/185S 473/521 473/521P 473/524 473/524S 473/535 473/535P 473/539 473/539P 473/540 473/540P 473/540S 473/548](#)

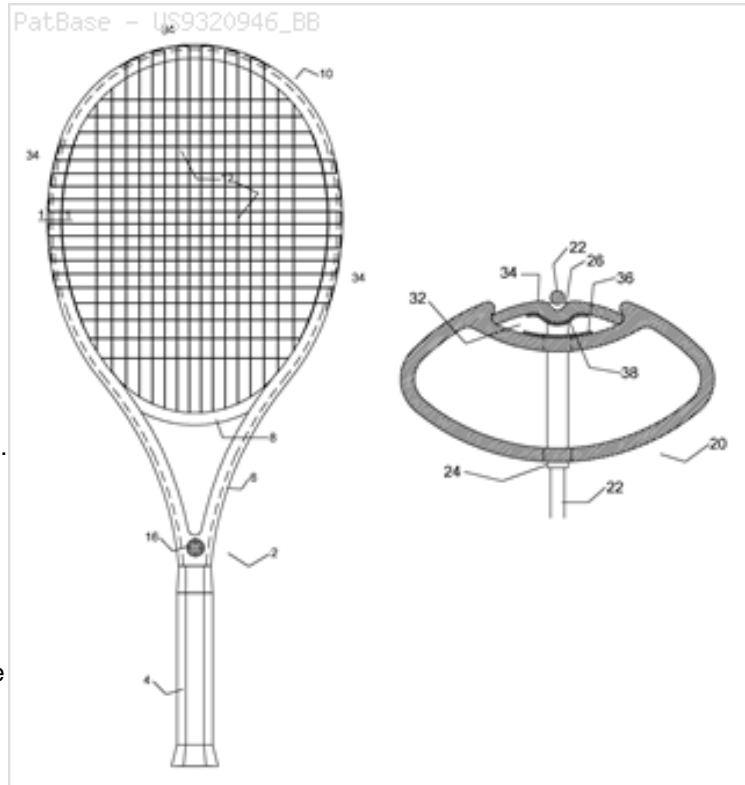
[Classification Explorer](#)

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Forward Citations: WO16156485, WO11113312, US9533198, US9320946, US9132321, US8955398, US8257206, US7938747, US7927239, US2016199702, US2014296006, US2014296005, US2013274038, US2012312101, US2012077630, US2011165975, US2011098142, US2009137351, FR3034322, CN105148468, CN105126321,

Abstract:

Source: US2009137351A A game racket frame is provided including at least one substantially fluid tight portion. The racket includes a handle and a head frame with strings laced through and held in tension to form a stringed hitting surface. Alternatively, the game racket of the present invention could be formed of at least one substantially fluid tight part including a handle portion and a head frame portion. The head frame includes at least one substantially fluid tight portion and has at least one unitary multi-component spring suspension module disposed on its periphery to cooperate with at least one string. The profile of the generally tubular, spring suspension module is formed by at least two components, having at least one common wall. The profile includes a first side portion and a second side portion, is closed on at least two ends, and can have at least one communicating means in common with the racket. Alternatively, when the racket is comprised of more than one substantially fluid tight part, there can also be at least one communicating means located on at least one common surface between the parts to form the substantially fluid tight game racket of the present invention.



24) Family number: 50452142 (US2012006891A)

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Title: FACILITATING MOBILE DEVICE PAYMENTS USING PRODUCT CODE SCANNING

Priority: US20110185491 20110718 US20110287279 20111102 US20120620775 20120915
 US20120623944 20120921 US20120646706 20121007 US20120343044 20120104
 US20130753855 20130130 US20130760214 20130206 US20130875311 20130502
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 US20140198683 20140306 US20140458791 20140813 US20140509027 20141007
 WO20131B58164 20130830 WO20131B58157 20130830 WO20131B58161 20130830
 WO20131B58170 20130830 WO20131B58171 20130830 WO20141B58616 20140128

Family:

Publication number	Publication date	Application number	Application date
CN104781841 A	20150715	CN201380059362	20130830
CN104995545 A	20151021	CN201480006541	20140128
EP2896001 A1	20150722	EP20130836625	20130830
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IN03696DN2015 A	20151120	IN2015DN03696	20150430
IN03697DN2015 A	20151120	IN2015DN03697	20150430
US2012006891 AA	20120112	US20110185491	20110718
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US2013018782 AA	20130117	US20120620775	20120915
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US2014129422 AA	20140508	US20140154446	20140114
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US2014239065 AA	20140828	US20140272939	20140508
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US2014349692 AA	20141127	US20140458791	20140813
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US9047600 BB	20150602	US20140334992	20140718
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US9367841 BB	20160614	US20110185491	20110718
WO14041456 A1	20140320	WO20131B58157	20130830
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<u>WO16009287 A1</u>	20160121	WO2015IB54129	20150531	
<u>WO16055877 A1</u>	20160414	WO2015IB55812	20150731	

Probable Assignee: ZHOU ANDREW H B

Assignee(s):^(std): ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU TIGER ; ZHOU TIANXING ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU TIGER T G

Assignee(s): ZHOU TIGER TG ; ZHOU DYLAN TX ; ZHOU ANDREW HB

Inventor(s):^(std): ZHOU ANDREW ; ZHOU ANDREW H B ; ZHOU DYLAN ; ZHOU DYLAN T X ; ZHOU HAIBIN ; ZHOU TIANGE ; ZHOU TIANXING ; ZHOU TIGER ; ZHOU TIGER T G

Inventor(s): ZHOU TIGER TG ; ZHOU DYLAN TX ; ZHOU ANDREW HB

Agent(s): TEALL CHARLOTTE; PATENT JURIST; GEORGIY L

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): A61B5/00 A61B5/02 A61B5/08 B25J9/00 B25J9/16 B64C19/00 B64C27/10 B64C27/20 B64D1/08 B64D17/00 G01C21/00 G02B27/01 G06F1/16 G06F15/16 G06F3/01 G06F3/041 G06F3/042 G06F3/0482 G06F3/0484 G06F3/0488 G06K19/06 G06K5/00 G06K7/00 G06K7/08 G06K7/10 G06K9/00 G06K9/20 G06Q20/00 G06Q20/10 G06Q20/16 G06Q20/20 G06Q20/32 G06Q20/34 G06Q20/38 G06Q20/40 G06Q30/02 G06Q30/06 G06Q40/00 G06Q40/02 G06T19/00 G07F17/42 G07F7/02 G07F7/08 G07F7/10 G07F7/12 G07G5/00 G08B21/06 H04B1/38 H04B7/00 H04L12/14 H04M1/725 (Advanced/Invention); H04M1/2755 (Advanced/Non-invention)

CPC: G06Q20/355 G06Q20/105 G06Q20/367 G06T19/006 G06F3/0426 G08B21/06 G06Q30/0641 G01C21/00 G06Q20/425 G06Q20/20 G06Q30/0267 G06Q40/025 G06Q30/0226 G06Q30/0215 G06Q20/3821 G06Q20/385 B25J9/0006 B25J9/16 B25J9/1697 G06K9/00013 G06Q20/3829 Y10S901/01 G06Q20/204 G06Q20/363 G06Q30/06 G07G1/0081 G02B2027/0134 G04G21/04 G02B27/017 G06Q20/4014 G06Q2220/00 G06Q20/405 G06Q20/351 G06Q20/16 G06Q20/36 H04M1/72522 H04M1/72555 G06K7/10891 G06Q20/06 G06Q20/10 G06F15/0216 G06Q20/3823 A63F13/211 A63F13/212 A63F13/332 G06F1/1652 G06Q20/40145 H04M1/2755 H04M1/72519 G06F1/1677 H04M17/02 H04M17/10 G02B2027/0138 G02B2027/014 G02B2027/0178 G06F1/163 G06F3/012 G06F3/013 G06Q20/3276 B64C39/024 G06Q30/02 B64C39/026 B64C2201/108 B64C2201/128 B64C2201/146 H04W12/06 G06Q20/102 G06Q20/3223 G06Q20/209 G06F3/017 G06F3/0304 G06Q20/3278 G06Q20/4012 G06Q20/401 H04M17/301 H04M17/304 H04B1/385 H04B2001/3866 G06Q20/322 G06Q20/407 H04L63/0421 H04L2463/102 H04W12/02 G06Q20/3274 G06K7/1095 G06K19/06112 G06Q20/32 G06Q30/0601 G11B27/00 G06F21/00 G06F21/42 G06F21/6245 G06Q20/38 G06Q20/40 G06Q20/123 G06Q20/085 H04L9/3247 G07F17/12 G09G2370/16 G09G2380/02 G09G2380/14 G06Q20/34 G06Q40/04 B64C2201/145 G06Q20/327

European class: G06Q20/3274

US class:

1/1 235/379 235/380 235/380P 235/381 235/435 235/439 235/449 235/451 235/462.43
235/462.44 244/17.23 244/194 244/23A 244/4A 258/1.2 340/425.5 345/156 345/173
345/175 345/8 382/124 455/41.3 455/466 455/66.1 701/2 701/28 701/412 701/428
705/14.17 705/14.23 705/14.4 705/16 705/24 705/26.1 705/26.61 705/26.7 705/26.8
705/26.9 705/38 705/39 705/41 705/44 705/71 715/844 901/1

Classification Explorer

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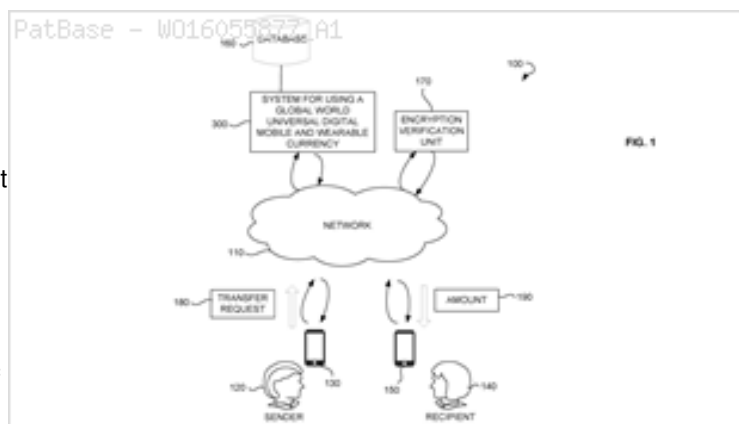
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Abstract:

Source: US2012006891A Provided are computer implemented methods and systems for facilitating mobile device payments using barcodes displayed on mobile devices and scanned by merchants at checkout counters. When a customer is ready to tender a payment to a merchant, instead of using a credit card, cash, or check, the customer activates an application on his mobile device. The mobile device includes or obtains information about the payment system of this merchant. Furthermore, the mobile device includes or obtains information about the customer/mobile device user and then uses these two pieces of information to generate and display a barcode that encodes customer payment information specific to this merchant. The barcode is scanned at the checkout counter and processed to retrieve customer records from a database of the payment processing system. These records are then used to transfer funds between the merchant and customer, obtain discounts, and/or perform other retail transactions.



25) Family number: 41937883 (US2008225794A)

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Agent(s): LE DANTEC CLAUDE ET AL; JOSEPH J LAKS THOMSON LICENSING LLC; SEARETE LLC; SEARETE LLC CLARENCE T TEGREENE; TUTUNJIAN AND BITETTO PC

Designated states: AL BA DE FR GB HR MK RS

International class
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CPC: [H04W36/26](#) [H04W36/08](#) [H04W84/08](#) [A61K9/7007](#) [A61B5/0059](#) [A61B5/14546](#) [A61B5/445](#) [A61B5/4839](#) [A61B5/6833](#) [A61B2560/0412](#) [A61F2013/00646](#) [A61F2013/00906](#) [A61K8/0208](#) [A61Q19/00](#) [A61M37/00](#) [A61F6/04](#) [C01B21/24](#) [A61N1/3787](#) [A61N2005/063](#) [A61N2005/0661](#) [Y10S128/917](#) [Y10S128/918](#) [A61K9/7084](#) [A61K41/0057](#) [A61K31/095](#) [A61K31/198](#) [A61K31/5377](#) [A61K31/655](#) [A61K9/0034](#) [Y10T436/12](#) [G01N33/0037](#) [Y10T29/49826](#) [A61K41/0042](#) [A61N5/0601](#) [A61N5/062](#) [A61N5/0616](#) [A61N5/0624](#) [A61N2005/0647](#) [A61N2005/0652](#) [A61N2005/0659](#) [A61N2005/0662](#) [Y10T428/31504](#) [A61B5/145](#) [A61F13/00](#) [A61K9/70](#) [A61L31/16](#) [A61K33/00](#) [A61L2300/114](#)

European class: [A61B5/00P](#) [A61B5/145P](#) [A61B5/44B6](#) [A61B5/48J2](#) [A61B5/68B3D1](#) [A61F6/04](#) [A61K33/00](#) [A61K41/00R](#) [A61K8/02C](#) [A61K9/70B](#) [A61K9/70E2D](#) [A61L31/16](#) [A61M37/00](#) [A61N5/06B](#) [A61N5/06C14](#) [A61N5/06C2](#) [A61N5/06C8](#) [A61Q19/00](#) [C01B21/24](#) [G01N33/00D2D4A](#) [H04Q7/38H8](#) [H04W36/26](#) [K61B560/04B2](#) [K61F13/00L12A](#) [K61F13/00L2N](#) [K61L300/114](#) [K61N1/378C](#) [K61N5/06F](#) [K61N5/06S6W2](#) [K61N5/06T2A](#) [K61N5/06W2](#) [K61N5/06W4](#) [K61N5/06W6](#)

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[Classification Explorer](#)

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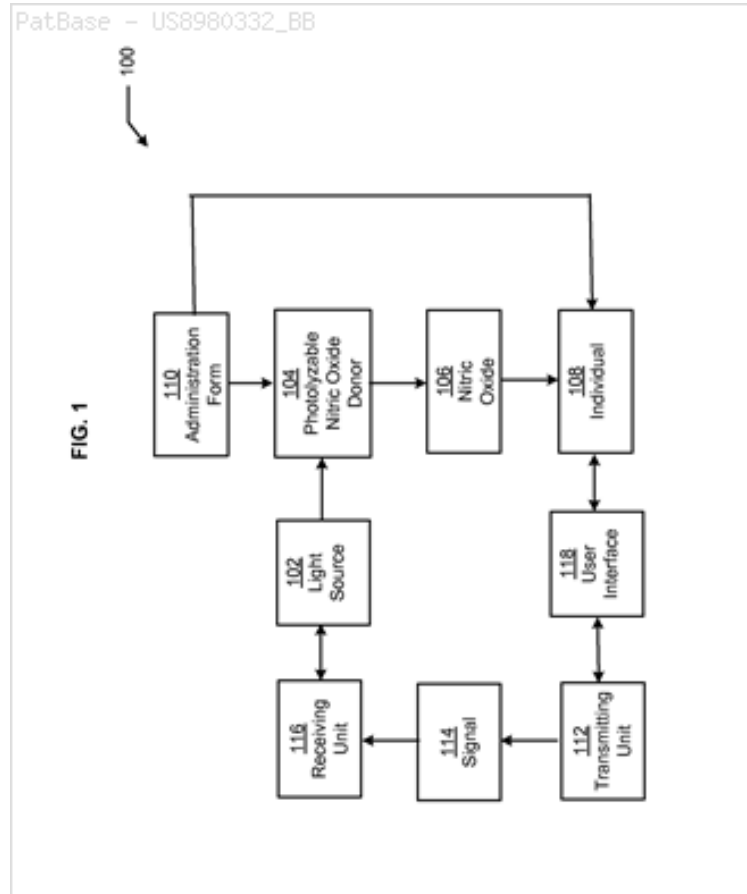
Forward Citations:

WO15198270, WO15171872, WO15067746, WO14189833, WO12042446, WO11090870, USD616086, US9642578, US9642538, US9562913, US9526738, US9526670, US9504847, US9403852, US9403851, US9271875, US9254238, US9233863, US9141101, US9114058, US8981139, US8980332, US8962029, US8956658, US8915835, US8747337, US8721523, US8690933, US8672832, US8656916, US8591876, US8557730, US8530720, US8500627, US8496572, US8475658, US8472402, US8399731, US8349764, US8308667, US8282967, US8252087,

US8066874, US2017071550, US2017014035, US2015257644, US2014350635, US2014332416, US2014194808, US2014060096, US2014039280, US2014014512, US2012286675, US2011178375, US2011163844, US2011144726, US2011105837, US2011086234, US2011082332, US2011034837, US2011007689, US2010331720, US2010241196, US2010098733, US2010044317, US2010043803, US2010008327, US2009319008, US2009112193, US2009111689, US2009107925, RU2553290, KR101551349, ITMI20101749, EP2473233, CN103762938, CN103762938, CN102791190,

Abstract:

Source: US2008225794A Communication method implementing at least one subscriber station and at least two base stations synchronised and connected to each other by a communication link. In order to prevent breaks in communication, the method comprises a time resource allocation step for the transmission and/or reception of packets by at least one subscriber station, the time resource being specific to each subscriber station and being able to be used with all the base stations.



26) Family number: 33151025 (US2006164252A)

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Title: ILLUMINATED WIND INDICATOR

Priority: US20050303247 20051216 US20050642382P 20050107 US20060420160 20060524
 US20080254028 20081020 US20080968504 20080102 US20080191027P 20080906
 US20090555804 20090908 US20070755917 20070531 US20060811137P 20060605
 US20110244436 20110924 US20110323686 20111212 US20140251479 20140411
 US20130970413 20130819

Family:

Publication number	Publication date	Application number	Application date
<u>US2006164252 AA</u>	20060727	US20050303247	20051216
<u>US2006227542 AA</u>	20061012	US20060420160	20060524
<u>US2007221133 AA</u>	20070927	US20070755917	20070531
<u>US2009133636 AA</u>	20090528	US20080254028	20081020
<u>US2009207596 AA</u>	20090820	US20080968504	20080102
<u>US2009322495 AA</u>	20091231	US20090555804	20090908
<u>US2012075104 AA</u>	20120329	US20110244436	20110924
<u>US2012081888 AA</u>	20120405	US20110323686	20111212
<u>US2014218901 AA</u>	20140807	US20140251479	20140411
<u>US7336157 BB</u>	20080226	US20050303247	20051216
<u>US7448347 BB</u>	20081111	US20070755917	20070531
<u>US7708424 BB</u>	20100504	US20060420160	20060524
<u>US7748347 BB</u>	20100706	US20080254028	20081020
<u>US8077052 BB</u>	20111213	US20080968504	20080102
<u>US8089370 BB</u>	20120103	US20090555804	20090908
<u>US8514094 BB</u>	20130820	US20110323686	20111212
<u>US9353938 BB</u>	20160531	US20110244436	20110924

Probable Assignee: RICHMOND SIMON NICHOLAS**Assignee(s):**^(std): RICHMOND SIMON N ; RICHMOND SIMON NICHOLAS**Inventor(s):**^(std): RICHMOND SIMON N ; RICHMOND SIMON NICHOLAS**Inventor(s):** RICHMOND SIMON

Agent(s): SYNNESTVEDT LECHNER AND WOODBRIDGE LLP; FOX ROTHSCHILD
 LLP, PRINCETON PIKE CORPORATE CENTER; FOX ROTHSCHILD LLP PRINCETON
 PIKE CORPORATE CENTER; FOX ROTHSCHILD LLP; LAW OFFICES OF DONALD
 COX; SYNNESTVEDT AND LECHNER LLP; WOODBRIDGE RICHARD C; RICHARD C;
 VOLPE AND KOENIG PC

International class
^(IPC 8-9): A01K39/00 A01K7/00 F21L19/00 F21L4/00 F21L4/02 F21V21/08 F21V3/04 F21V33/00
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 G08B5/22 G10D13/08 G10K1/00 G10K1/07 H02J7/00 H04M1/22 ^(Advanced/Invention);
 F21S8/08 F21S9/03 F21W121/00 F21W131/10 F21Y101/02
 H02M3/156 ^(Advanced/Non-invention);
 A01K39/00 A01K7/00 F21L19/00 F21L4/00 F21V3/00 F21V9/00 G01W1/00 G08B17/12
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 H04M1/22 ^(Core/Invention)

CPC: A01K39/012 A01K39/026 A01K39/026 F21V3/02 F21S9/037 F21S8/08 F21W2131/10
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 G10K1/07

European class: A01K39/012 A01K39/026 A01K39/02B F21V21/08S F21V33/00 G10K1/07 R21S8/08
 R21S9/03 R21W121/00 R21W131/10 R21Y101/02 T02M3/156B

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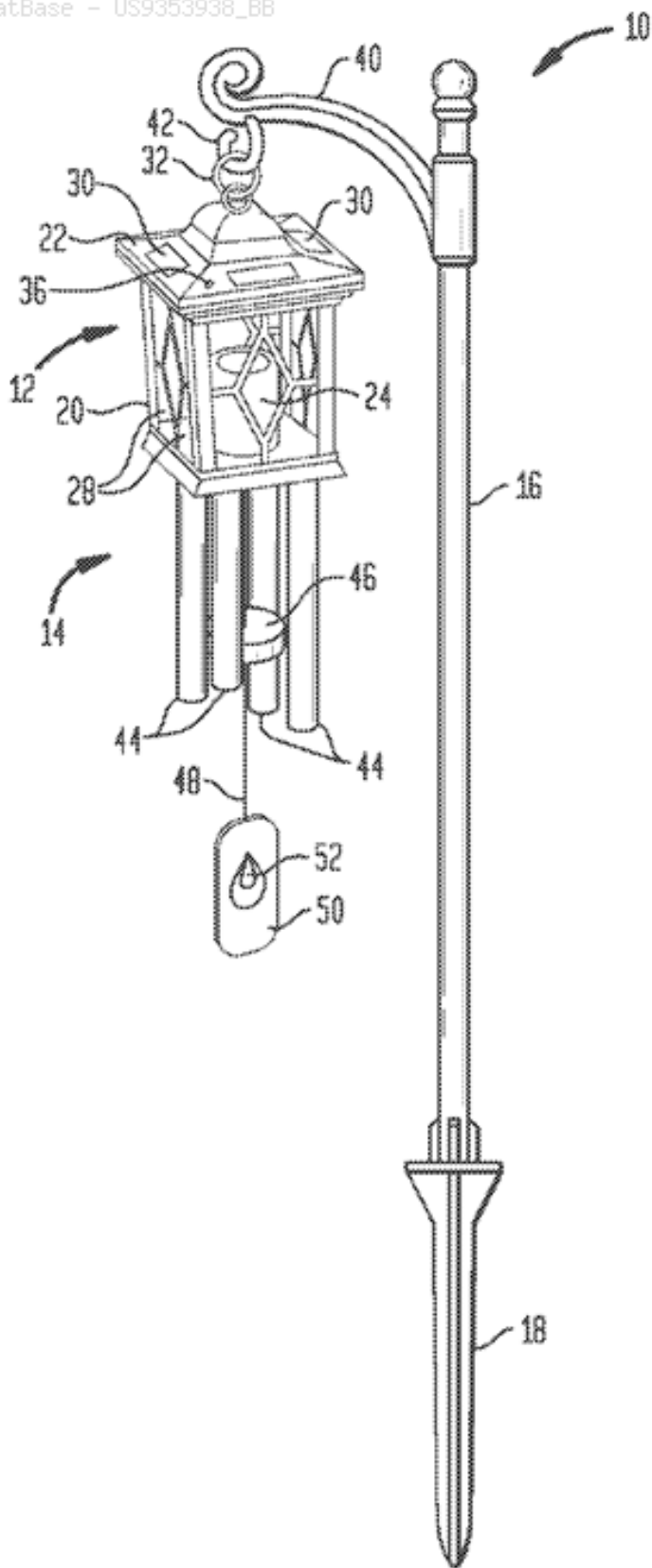
Forward Citations:

WO14107621, WO14107621, WO11153498, WO11153498, USRE45837, USRE45715, USD756545, USD745227, USD743636, USD729989, USD728864, USD720506, USD713101, USD709248, USD707401, USD698501, USD698102, USD698101, USD698100, USD698099, USD698098, USD698097, USD683911, USD683909, USD682481, USD679453, USD678628, USD676614, USD675770, USD674561, USD663078, USD661434, USD656279, USD652175, USD612549, USD606708, USD603567, USD581229, USD573912, USD551108, US9629213, US9572304, US9474253, US9470394, US9470384, US9429281, US9410693, US9353938, US9353920, US9351479, US9247719, US9246024, US9206952, US9198401, US9192148, US9182090, US9173381, US9162245, US9105206, US8941252, US8904964, US8893659, US8889983, US8869732, US8863692, US8863691, US8659416, US8622022, US8585231, US8578884, US8541945, US8514094, US8506089, US8441360, US8421252, US8387567, US8376590, US8376580, US8362700, US8305226, US8291861, US8276541, US8253576, US8197116, US8192044, US8156894, US8129850, US8109656, US8089370, US8077052, US8058875, US7946249, US7891832, US7812547, US7518253, US7513638, US7273294, US2015350541, US2015256126, US2015161860, US2015122186, US2015008822, US2014338605, US2014307425, US2014133139, US2014090603, US2014049942, US2013094191, US2013074776, US2012299529, US2012280627, US2012272918, US2012192796, US2012159821, US2012081888, US2012075104, US2012071954, US2012033413, US2011309772, US2011292644, US2011279034, US2011235341, US2011210817, US2011188228, US2011168101, US2011163883, US2011146757, US2011134397, US2011011345, US2010308005, US2010277900, US2010253090, US2010244729, US2010214774, US2010107692, US2009322495, US2009308321, US2009207597, US2009207596, US2009175034, US2009128326, US2009079412, US2008314327, US2008291665, US2008251025, US2008247155, US2008238345, US2008210172, US2008191491, US2008106891, US2008035068, US2008017120, US2007263381, US2007222399, US2007171634, US2006262522, US2006153000, ITPZ20130009, ITMO20120299, FR3006423, EP2844910, EP2546570, EP2546570, EP2132483, EP2132483, CN103529239, CN102679256,

Abstract:

Source: US2006164252A An illuminated wind indicator that provides visual indication of wind motion even at night. One or more chime members and a pendulum assembly are suspended from a support or housing, and arranged so that the chime members and the pendulum assembly are capable of colliding with each other. In addition, there is a light source situated such that a portion of the pendulum assembly emits light. Power for the light source is provided by a solar cell and a rechargeable battery. A light sensor may be used to automatically detect the ambient light and switch the rechargeable battery from accumulating charge to powering the light when predetermined levels of ambient light are detected. The light source may be a suitable light emitting diode. The pendulum assembly may contain the solar panel. The light source may include a luminescent material.

PatBase - US9353938_BB



27) Family number: 61539814 (US2016025972A)

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Title: SYSTEMS AND METHODS FOR ANALYZING ADVERTISEMENT EFFECTIVENESS USING WEARABLE CAMERA SYSTEMS

Priority: US20140027936P 20140723 US20140027957P 20140723 US20150807038 20150723
 US20150807043 20150723 US20150806996 20150723 US20150807022 20150723
 US20150807392 20150723 US20150807073 20150723 US20150807440 20150723
 US20150807321 20150723 US20150807237 20150723 US20150807580 20150723
 US20150807055 20150723 US20150807373 20150723 US20150807661 20150723

Family:	Publication number	Publication date	Application number	Application date
	US2016025972 AA	20160128	US20150807392	20150723
	US2016026238 AA	20160128	US20150807073	20150723
	US2016026240 AA	20160128	US20150807440	20150723
	US2016026257 AA	20160128	US20150807321	20150723
	US2016026853 AA	20160128	US20150807661	20150723
	US2016026867 AA	20160128	US20150807237	20150723
	US2016026868 AA	20160128	US20150807580	20150723
	US2016026870 AA	20160128	US20150807038	20150723
	US2016026871 AA	20160128	US20150807043	20150723
	US2016026873 AA	20160128	US20150807055	20150723
	US2016027063 AA	20160128	US20150806996	20150723
	US2016028917 AA	20160128	US20150807373	20150723
	US2016028947 AA	20160128	US20150807022	20150723
	WO16012865 A2	20160128	WO2015IB01809	20150723
	WO16012865 A3	20160526	WO2015IB01809	20150723

Probable Assignee: ORCAM TECHNOLOGIES LTD**Assignee(s):^(std):** ORCAM TECHNOLOGIES LTD ; SHASHUA AMNON ; WEXLER YONATAN**Inventor(s):^(std):** SHASHUA AMNON ; WEXLER YONATAN ; WEXLER YONATAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8-9): [G01S3/786](#) [G02B27/00](#) [G02B27/01](#) [G06F1/16](#) [G06F1/18](#) [G06F17/30](#) [G06F3/00](#) [G06F3/01](#) [G06F3/038](#) [G06F9/00](#) [G06K9/00](#) [G06K9/62](#) [G06Q30/02](#) [G06T7/00](#) [G06T7/20](#) [H04N1/21](#) [H04N5/225](#) [H04N5/232](#) [H04N5/235](#) [H04N5/44](#) [H04N7/18](#) (Advanced/Invention)

CPC: [G02B27/0093](#) [G02B27/017](#) [H04N5/2254](#) [H04N5/2259](#) [H04N7/185](#) [H04N5/23258](#) [H04N5/23245](#) [H04N5/23206](#) [G06Q30/0246](#) [G02B2027/0187](#) [G02B2027/0178](#) [G02B2027/014](#) [G02B2027/0138](#) [G06F3/038](#) [H04N5/23216](#) [H04N5/2353](#) [G06F2203/011](#) [G06F3/012](#) [H04N5/23229](#) [G06F1/163](#) [G06F3/005](#) [G06F3/017](#) [G06K9/00208](#) [G06Q30/0257](#) [G06K9/00221](#) [G06K9/00335](#) [G06K9/00201](#) [G06F17/30277](#) [H04N5/2251](#) [H04N5/2258](#) [G06K2209/25](#) [G06T2207/10004](#) [G06T2207/10016](#) [G06K9/00677](#) [G06K9/00288](#) [H04N5/23219](#) [G06T7/20](#) [G06K2209/21](#) [G06T2207/30232](#) [G06K9/00718](#) [H04N5/2252](#) [H04N5/44](#) [G06Q30/0267](#) [G06Q30/0269](#) [G06K9/00624](#) [H04N7/183](#) [H04N1/2112](#) [G01S3/7864](#) [G06F1/18](#) [G06F3/011](#) [G06K9/00671](#) [G06K9/6262](#) [G06F1/1686](#) [G06F3/0304](#) [G06F1/188](#) [G06T7/74](#) [G06T7/97](#) [H04N5/2257](#)

US class: 348/143 348/158 348/169 348/207.11 348/372 382/103 705/14.66[Classification Explorer](#)

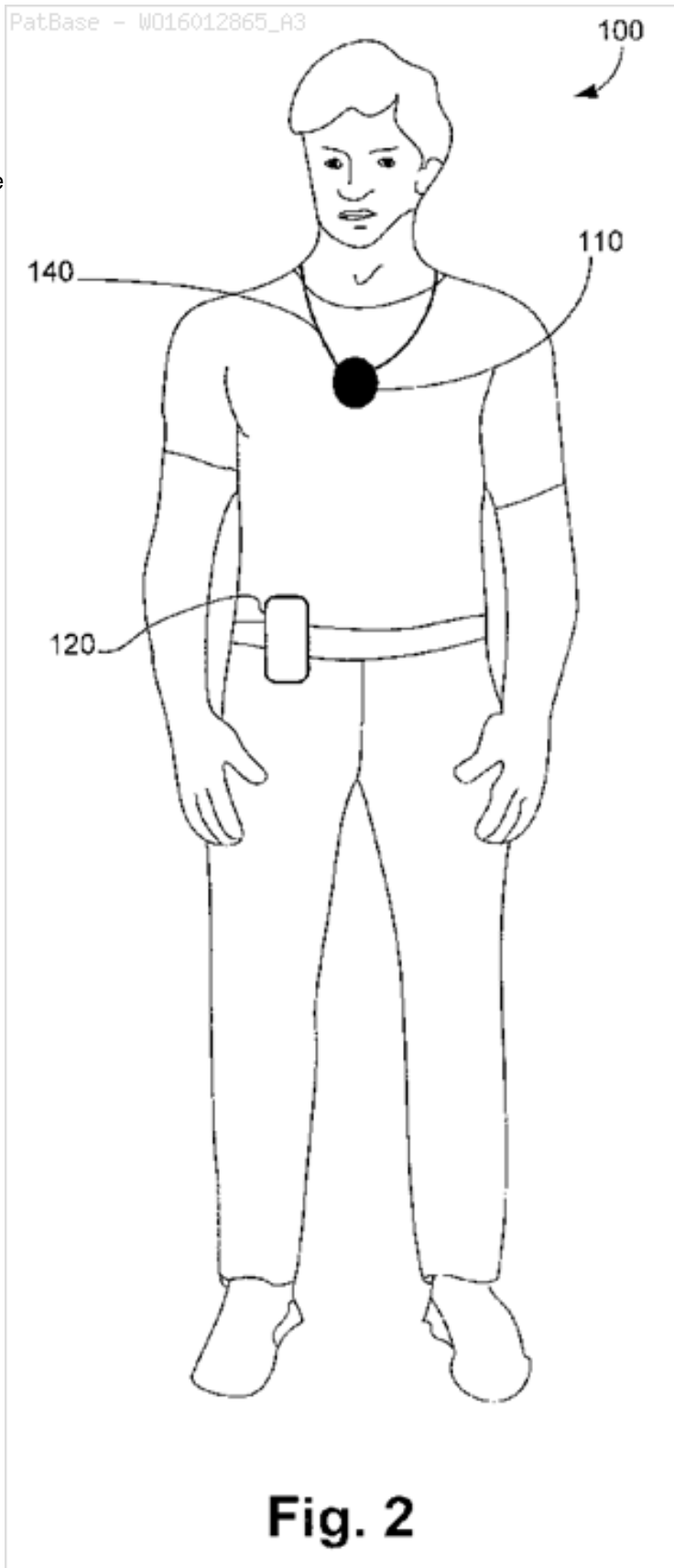
Cited documents: US9141194 BA, US8558759 BA, US6934461 BA, US2016026868 AA, US2016026853 AA, US2015379616 AA, US2015213305 AA, US2015189133 AA, US2015170249 AA, US2015054742 AA, US2014348384 AA, US2014308031 AA, US2014301598 AA,

US2014247124 AA, US2014172231 AA, US2014156459 AA, US2014146172 AA,
US2014092299 AA, US2013336519 AA, US2013107026 AA, US2013085802 AA,
US2012287217 AA, US2012212593 AA, US2012147204 AA, US2012147184 AA,
US2011299774 AA, US2011164141 AA, US2011069189 AA, US2011045321 AA,
US2010328316 AA, US2010262470 AA, US2010226535 AA, US2010199232 AA,
US2009245633 AA, US2009226035 AA, US2009190914 AA, US2009147126 AA,
US2009023472 AA, US2009021191 AA, US2008298571 AA, US2008228821 AA,
US2008170130 AA, US2008030580 AA, US2007089221 AA, US2007041777 AA,
US2006193387 AA, US2006165160 AA, US2005234774 AA, US2002113687 AA,
US2002101513 AA, US2002057383 AA,

Forward Citations: US9629774, US9586318, US9578307, US9576460, US9417660, US2016327977,
US2016301892, US2016163036, US2016088268, US2016026868, US2016026853,
US2014153173,

Abstract:

Source: US2016025972A Systems are provided for analyzing the effectiveness of an advertisement using information provided by a wearable camera system. In one implementation, a system includes a memory storing executable instructions, and at least one processing device programmed to execute the instructions to receive, from the wearable camera system, information derived from image data related to an advertisement in an environment of a user of the wearable camera system. The processing device of the system may be further configured to receive information derived from the image data related to activities of the user, and may be configured to identify, based on this received information, a product acquired by the user that is associated with the advertisement.



28) Family number: 62445827 (CN205261411U)

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Title: SOLAR ENERGY FLOWER BED STREET LAMP**Priority:** CN201521002165U 20151204

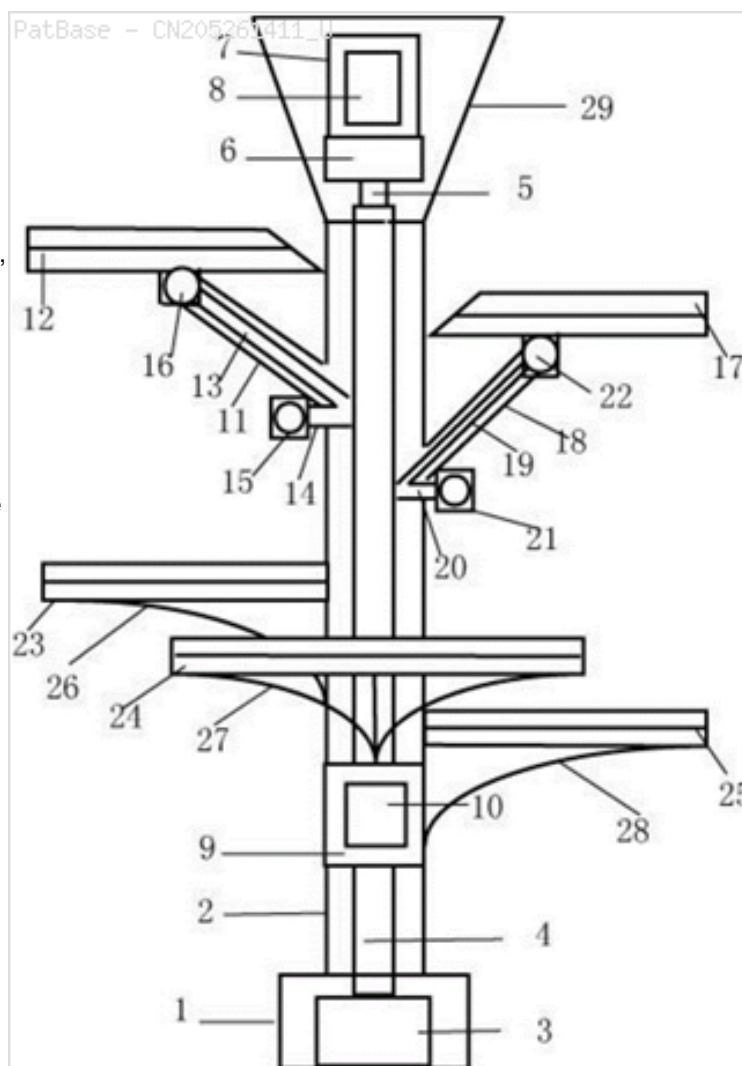
Family:	Publication number	Publication date	Application number	Application date
	CN205261411 U	20160525	CN201521002165U	20151204

Probable Assignee: TIANJIN XINTAIHENG TECH DEV CO LTD**Assignee(s):^(std):** TIANJIN XINTAIHENG TECH DEV CO LTD**Assignee(s):** TIANJIN XINTAIHENG TECHNOLOGY DEVELOPMENT CO ; TIANJIN LETTER HENG TAI TECHNOLOGY DEVELOPMENT CO**Inventor(s):^(std):** JIA XIN

International class A01G9/00 F21S9/02 F21V33/00 F21W131/103 (Advanced/Invention);
 (IPC 8-9): F21W131/103 (Advanced/Non-invention)

CPC: Y02B20/72[Classification Explorer](#)**Abstract:**

Source: CN205261411U The utility model belongs to energy illumination field especially relates to a solar energy flower bed street lamp, including battery insulation can, lamp pole, battery, waterproof pipe, line pole, adjuster, buckler, LED major light, guard box, controller, support frame A, solar cell panel A, spool A, spool B, LED auxiliary lamp A, pivot A, solar cell panel B, support frame B, spool C, spool D, LED auxiliary lamp B, pivot B, flower bed A, flower bed B, flower bed C, flower bed support frame A, flower bed support frame B, flower bed support frame C, diffusion cover, the lamp pole is in the higher authority of battery insulation can, waterproof pipe runs through the lamp pole, the battery is in the inside of battery insulation can, waterproof pipe is in the higher authority of battery, the line pole is in the inside of waterproof pipe, the one end of line pole is connected the adjuster, the other end of line pole is connected the battery, the adjuster is in the higher authority of line pole.



29) Family number: 49266584 (US2012295101A)

© PatBase

Title: SOLAR CELL BACK SHEET FILM AND METHOD FOR PRODUCING THE SAME
Priority: CN201180005800 20110118 JP20100008597 20100118 WO2011JP51156 20110118
Family:

Publication number	Publication date	Application number	Application date
CN102712774 A	20121003	CN201180005800	20110118
CN105459541 A	20160406	CN201610011941	20110118
EP2526142 A1	20121128	EP20110702086	20110118
JP2011146659 A2	20110728	JP20100008597	20100118
JP5750226 B2	20150715	JP20100008597	20100118
KR101622992 B1	20160520	KR20127017620	20110118
KR20120125460 A	20121115	KR20127017620	20110118
US2012295101 AA	20121122	US20110521406	20110118
WO11087156 A1	20110721	WO2011JP51156	20110118

Probable Assignee: FUJIFILM CORP**Assignee(s):**^(std) FUJI PHOTO FILM CO LTD ; FUJIFILM CORP ; FUJIFILM HOLDINGS CORP ; TANAKA SHINJI**Inventor(s):**^(std) SAME SOLAR CELL BACK SHEET FILM AND METHOD FOR PRO ; TANAKA SHINJI**Inventor(s):** SOLAR CELL BACK SHEET FILM AND METHOD FOR PRODUCING SAME ; SOLAR CELL BACK SHEET FILM AND METHOD FOR...**Agent(s):** HOFFMANN EITLE; NAKAJIMA JUN ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8-9): [B32B27/08](#) [B32B27/20](#) [B32B27/28](#) [B32B27/36](#) [C08J7/04](#) [C08K3/00](#) [C08K5/00](#) [G02B5/08](#)
[H01L31/04](#) [H01L31/042](#) [H01L31/049](#) [H01L31/052](#) [H01L31/18](#) (Advanced/Invention)

CPC: [C08J2367/02](#) [C08J2423/02](#) [Y10T428/265](#) [Y10T428/2848](#) [C08J7/042](#)**European class:** [B32B27/08](#) [B32B27/28](#) [B32B27/36](#) [C08J7/04](#)**US class:** [136/246](#) [359/883](#) [427/74](#) [428/336](#) [428/354](#)[Classification Explorer](#)

Cited documents: WO10005029 A1, WO10005029, WO09157449 A1, WO08157159 A1, US3353958 A, US2011223419 AA, US2003204010 AA, JP8301198 A2, JP4313538 B2, JP4269704 B2, JP4167159 B2, JP4159154 B2, JP4134710 B2, JP4127119 A2, JP4005383 A2, JP4000867 B2, JP3996871 B2, JP3979866 B2, JP3962226 B2, JP3897756 B2, JP3717392 B2, JP3717380 B2, JP3680523 B2, JP3617340 B2, JP3616522 B2, JP3603585 B2, JP3335683 B2, JP3136774 B2, JP3121876 B2, JP2621563 B2, JP2543624 B2, JP2010008597 A2, JP2009094320 A2, JP2009081394 A2, JP2008270238 A2, JP2008211034 A2, JP2007306006 A2, JP2006335853 A2, JP2006210557 A2, JP2006073793 A2, JP2005340616 A2, JP2001089616, JP2000114565 A2, CN101582458 A, CN101290950 A,

Forward Citations: WO14162879, WO14119561, WO13031974, WO13024902, WO13024893, WO13024884, WO12111716, US9464210, US9224897, US8986862, US2014137938, TWI566927, TWI557929, JP5995831, JP5896787, JP5763021, JP2015057456, JP2013065846, JP2013058748, JP2013058747, JP2013058746, JP2013058745, JP2013056543, JP2013045980, JP2013042014, JP2012197435, JP2012119677, EP2539941, CN105103303, CN104081543, CN103429429, CN103429429,

Abstract:

Source: US2012295101A The present invention provides a film for a solar cell back sheet including: a substrate film; a white layer on at least one surface of the substrate film; and an adhesive protective layer, the white layer being formed by applying an aqueous composition for the white layer including a white pigment, a first aqueous binder and an inorganic oxide filler to at least one surface of the substrate film, and the adhesive protective layer being formed by applying an aqueous composition for the adhesive protective layer including a second aqueous binder, and which has excellent production efficiency, a white pigment uniformly present in the layers, and excellent adhesiveness between the respective layers, and a producing method of the film for a solar cell back sheet.

30) Family number: 62395265 (CN205247836U)

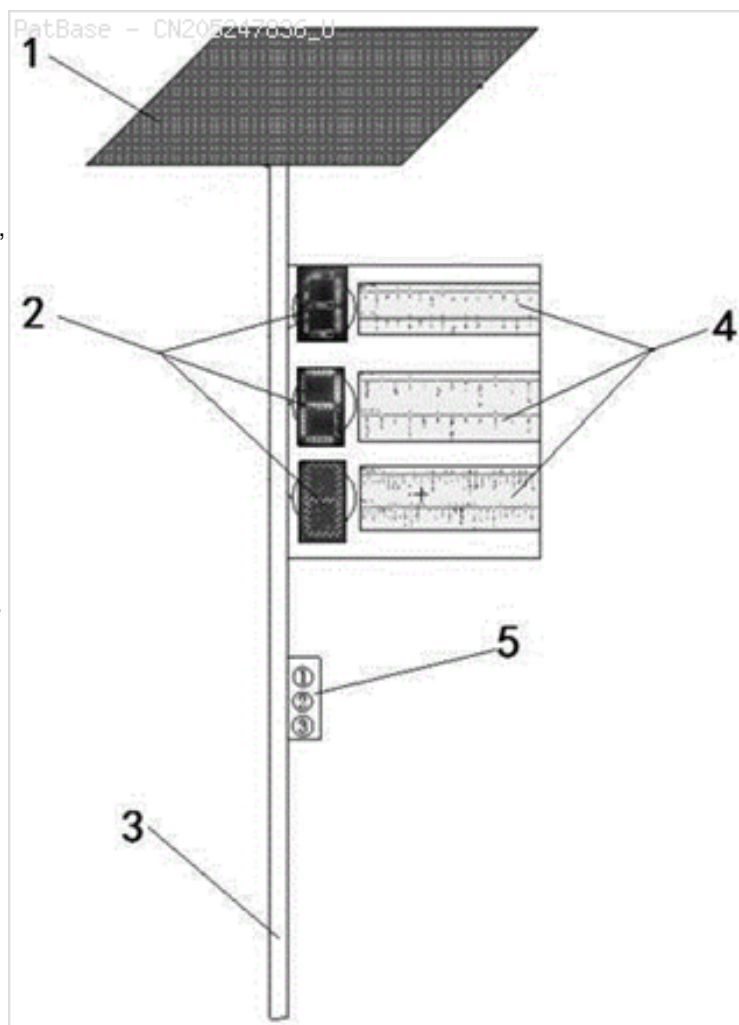
© PatBase

Title: FREE –STANDING BUS STOP BORAD OF INTELLIGENCE**Priority:** CN201521072886U 20151222

Family:	Publication number	Publication date	Application number	Application date
	CN205247836 U	20160518	CN201521072886U	20151222

Probable Assignee: UNIV SHANDONG SCIENCE AND TECH**Assignee(s):**^(std): SHANDONG UNIV OF SCIENCE AND TECH ; SHANDONG UNIV OF SCIENCE AND TECHNOLOGY ; UNIV SHANDONG SCIENCE AND TECH**Inventor(s):**^(std): XU QINMING ; YI XIAOFEI ; YIN YUNPENG ; ZHANG XIANXIAN ; ZHAO LUHUA**International class** G09F9/33 (Advanced/Invention)
(IPC 8-9):[Classification Explorer](#)**Abstract:**

Source: CN205247836U The utility model provides a free –standing bus stop borad of intelligence, includes solar cell panel, circuit display, stand, circuit tablet, button, battery, controller, commercial power, solar cell panel adopts monocrystalline silicon solar cell panel, long 622mm, wide 550mm, thick 30mm, and solar cell panel is located bus stop borad's top, fixes on the stand, the circuit display adopts single red LED electronic screen curtain, and the display lies in the front end of circuit tablet, and gate tablet one –to –one, the stand is fixed on bus station's road bed, the circuit tablet is fixed on the stand, its bottom and ground distance 1.8m, and circuit and gate display one –to –one on the circuit tablet, the button is installed on the stand, apart from ground 1.3m, the battery adopts nickel –hydrogen battery. The utility model discloses beneficial effect does: 1) simple structure, convenience simple to use, realizability is strong, and area is little, 2) safe and reliable is applicable to small –size bus station and uses.



31) Family number: 62395046 (CN205242317U)

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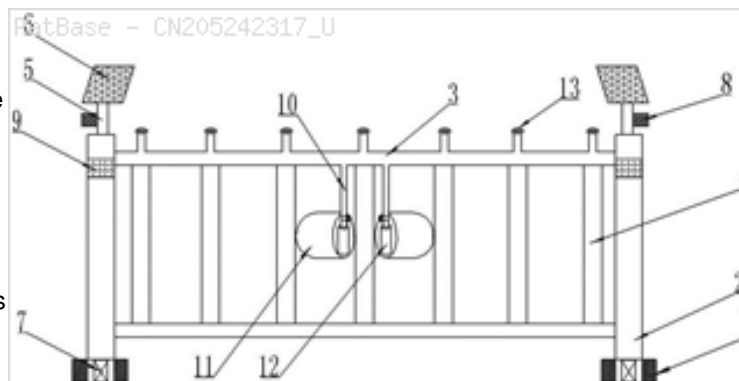
Title: HIGHWAY BARRIER WITH FOG DISPERSAL SNOW MELT DEVICE**Priority:** CN201521077452U 20151218**Family:**

Publication number	Publication date	Application number	Application date
<u>CN205242317 U</u>	20160518	CN201521077452U	20151218

Probable Assignee: ON BEHALF OF FOREST**Assignee(s):**^(std) DAI SENLIN ; GAO LI ; HU BING ; TIAN JING ; LIU YUYING ; TUO PENG ; HU QI**Assignee(s):** ON BEHALF OF FOREST ; QI HU ; KOREA ; DULY PENG**Inventor(s):**^(std) DAI SENLIN ; GAO LI ; HU BING ; HU QI ; LIU YUYING ; TIAN JING ; TUO PENG**International class** E01F15/04 E01H10/00 E01H13/00 (Advanced/Invention)
(IPC 8-9) :[Classification Explorer](#)**Abstract:**

Source: CN205242317U The utility model discloses a highway barrier with fog dispersal snow melt device, including base, stand, fence body, cylinder, support, solar cell panel, battery, photovoltaic inverter, LED reflector lamp, conveyer pipe, liquid storage pot, delivery pump and nozzle, stand and base fixed connection, solar cell panel installs photovoltaic inverter through setting up the leg joint at the stand top on the support, install the LED reflector lamp on stand upper portion, has a battery at base internally mounted, fence body and cylinder fixed connection are on the stand, and the cylinder is connected for sealing with the fence body junction,

equidistantly on fence body are equipped with a plurality of nozzles, and every certain distance sets up two liquid storage pots on the road bed, is equipped with a delivery pump on every liquid storage pot, and the delivery pump is linked together through conveyer pipe and fence body, can spray snow melt agent or fog dispersal agent to the highway road surface or the road surface sky through the guardrail in fog snow weather to quick snow melt is dispersed fog, has improved highway's driving safety.



32) Family number: 57990376 (US2016126491A)

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Title: METHOD FOR PRODUCING AN OPTICAL MODULE
Priority: DE201310210668 20130607 WO2014EP61788 20140606
Family:

Publication number	Publication date	Application number	Application date
<u>DE102013210668 A1</u>	20141211	DE201310210668	20130607
<u>EP3003672 A1</u>	20160413	EP20140728951	20140606
<u>US2016126491 AA</u>	20160505	US20140896314	20140606
<u>WO14195444 A1</u>	20141211	WO2014EP61788	20140606

Probable Assignee: WURTH ELEKTRONIK GMBH AND CO KG

Assignee(s):^(std): WUERTH ELEKTRONIK GMBH AND CO KG

Assignee(s): WURTH ELEKTRONIK GMBH AND CO KG

Inventor(s):^(std): KOSTELNIK JAN ; WOLF JUERGEN

Agent(s): RICHARDT PATENTANWAELTE PARTG MBB

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
 (IPC 8-9): B29C43/00 H01L21/50 H01L23/00 H01L25/075 H01L31/00 H01L31/02 H01L31/0203 H01L31/048 H01L31/05 H01L31/18 H01L33/38 H01L33/48 H01L33/52 H01L33/56 H01L33/62 H01L51/00 H01L51/50 H01L51/52 H01L51/56 H01S5/00 H01S5/022 H05K1/02 H05K1/14 H05K1/18 H05K3/30 H05K3/32 H05K3/46 (Advanced/Invention)

CPC: H01L51/5237 H01L51/0022 H01L31/1884 H01L31/05 H01L51/56 H01L2251/5369 H01L2933/0066 H01L31/0203 H01L31/048 H01L33/56 H01L33/62 H01L51/5203 H01L2933/0033 H01L2933/005 H01L24/19 H01L31/02005 H01L31/02008 H01L51/524 H01L2924/12044 H05K1/0274 H05K1/144 H05K1/185 H05K3/4644 H05K2201/0108 H05K2201/10106 H05K2201/10121 Y02E10/50

US class: 438/28 438/66

[Classification Explorer](#)

Cited documents: WO13174418 A1, WO10089081 A1, US8933473 BA, US7622367 BA, US6372608 BA, US5866949 A, US5105430 A, US2015041845 AA, US2012319152 AA, US2010133564 AA, US2010072500 AA, US2009250106 AA, US2009160043 AA, US2009093088 AA, US2009065590 AA, US2009057875 AA, US2007104917 AA, DE19953160 B4, DE19544980 A1, DE10353679 A1,

DE102007044446 A1

DE102007007847 A1

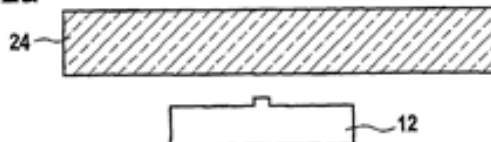
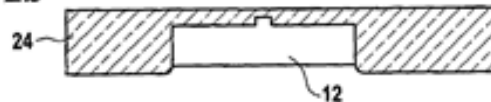
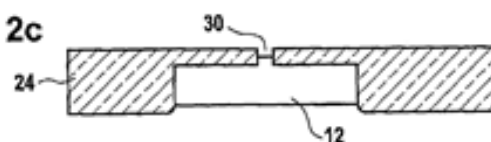
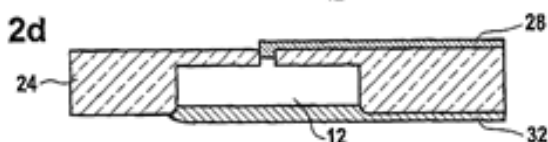
DE102007004304 A1

Forward Citations: DE102015105823,

Abstract:

Source: US2016126491A The invention relates to a method for producing an optical module, comprising the following steps: a) providing a chip having an optical element integrated in the chip, wherein the optical element has a first electrode and a second electrode, and wherein the chip has a first connection contact for the first electrode and a second connection contact for the second electrode, such that an operating voltage for the optical element can be applied between the first connection contact and the second connection contact, and wherein the chip has an optically active side, which is designed to emit and/or to receive radiation; b) connecting the chip to a film, such that the film completely covers the optically active side of the chip, wherein the film is a film made from acrylate, polyarylate, or polyurethane, wherein the film, at least in the region located above the optically active side, is transparent to radiation which, when operating voltage is applied, can be emitted or received by the optical element; c) contacting the first connection contact of the chip by means of a conducting track arranged on the film and contacting the second connection contact by means of an additional conducting track.

PatBase - W014195444_A1

Fig. 2a**Fig. 2b****Fig. 2c****Fig. 2d**

33) Family number: 60818562 (US2016100244A)

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Title: DEVICES AND TECHNIQUES RELATING TO TOUCH SENSITIVE CONTROL DEVICE**Priority:** US20140994503P 20140516 US20150714201 20150515

Family:	Publication number	Publication date	Application number	Application date
	<u>US2016100244 AA</u>	20160407	US20150714201	20150515
	<u>WO15176037 A1</u>	20151119	WO2015US31246	20150515

Probable Assignee: T AND INK INC**Assignee(s):^(std):** T AND INK INC ; T INK INC**Inventor(s):^(std):** COHEN STEVEN MARTIN ; GENTILE ANTHONY ; GENTILE JOHN ; KAISERMAN TERRANCE Z**Agent(s):** WALAT ROBERT H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class G06F3/041 G06F3/044 H04R1/10 H04R25/00 H04R5/033 (Advanced/Invention)
(IPC 8-9):

CPC: G06F3/044 G06F3/0414 H04R2430/01 H04R1/1041**US class:** 345/174 381/74[Classification Explorer](#)

Cited documents: WO13063445 A2, US2015358716 AA, US2014318699 AA, US2014016803 AA, US2013038458 AA, US2010183175 AA, US2009257604 AA, US2007248799 AA, US2007237170 AA, US2006233413 AA,

Forward Citations: US2015253950,

Abstract:

Source: US2016100244A Devices and techniques relating a touch-sensitive control device. An earphone apparatus is provided. The earphone apparatus comprises one or more speakers configured to convert audio signals to sound; one or more sensors; and a control unit coupled to the one or more sensors and configured to control an operation of a device based, at least in part, on signals provided by the one or more sensors.

PatBase - W015176037_A1

WO 2015/176037

IPC: H01S 2015/01244

1/5



FIG. 1

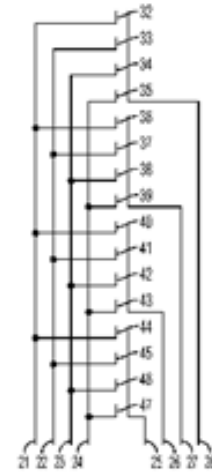


FIG. 2A

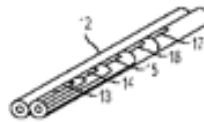


FIG. 4

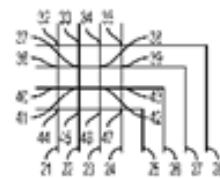


FIG. 2B

SUBSTITUTE SHEET (RULE 26)

34) Family number: 60356486 (WO15137815A1)

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Title: ARRANGEMENT OF AN ELECTRONIC CIGARETTE AND A CHARGER FOR WIRELESSLY TRANSFERRING POWER FROM THE CHARGER TO THE ELECTRONIC CIGARETTE, AS WELL AS AN ELECTRONIC CIGARETTE AND A CHARGER FOR USE IN SUCH AN ARRANGEMENT

Priority: NL20142012444 20140314

Family:	Publication number	Publication date	Application number	Application date
	<u>NL2012444 A1</u>	20151126	NL20142012444	20140314
	<u>NL2012444 B1</u>	20160106	NL20142012444	20140314
	<u>WO15137815 A1</u>	20150917	WO2015NL50166	20150316

Probable Assignee: DIMITRI KYRIAKOPOULOS

Assignee(s):^(std): DIMITRI KYRIAKOPOULOS ; KYRIAKOPOULOS DIMITRI

Inventor(s):^(std): DIMITRI KYRIAKOPOULOS ; KYRIAKOPOULOS DIMITRI

Agent(s): ALGEMEEN OCTROOI EN MERKENBUREAU BV

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class A24F47/00 A61M11/04 A61M15/06 H02J7/02 (Advanced/Invention)
(IPC 8-9):

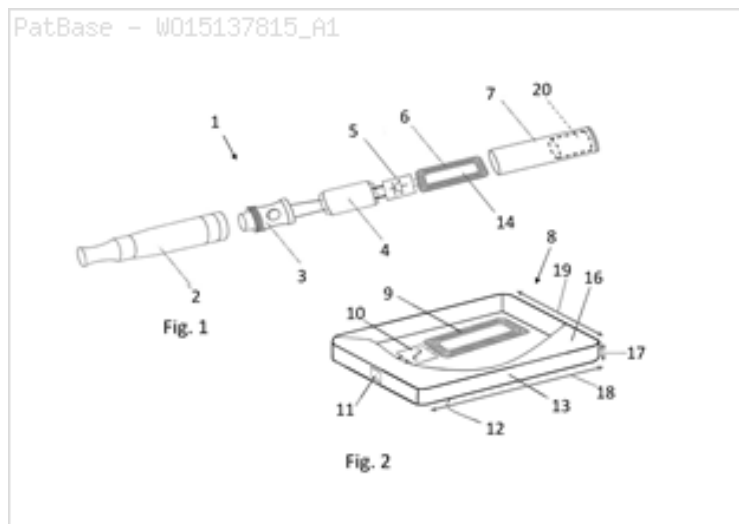
CPC: A61M11/042 A24F47/008 A61M15/06 A61M2205/3561 A61M2205/3569 A61M2205/3592 A61M2205/581 A61M2205/583 A61M2205/8206 A61M2205/8243 A61M2205/8293 H02J7/025 A61M2205/3653 H02J7/0047 H02J7/35 H02J50/10 H02J50/90

[Classification Explorer](#)

Cited documents: WO14125479 A1, US7952322 BB, US2014020697 AA, US2013340775 AA, KR20110008931 U, EP2668858 A1, EP2573900 A1, CN203859549 U, CN203434700 U,

Abstract:

Arrangement of an electronic cigarette (1) and a charger (8), the electronic cigarette having an elongated sleeve type housing, comprising an atomizer (3), a rechargeable battery (4) electrically connected to the atomizer, a receiver coil (6) electrically connected by a rectifying control unit (5) to the rechargeable battery, the charger (8) having a body (12, 13, 16), comprising a transmitter coil (9), a transmitter coil control unit (10) electrically connected to the transmitter coil, wherein the transmitter coil and the receiver coil are arranged for wireless power transfer for charging the rechargeable battery.



0) US2011026031A – PIPE SYSTEM, A FLUID SENSING SYSTEM FOR A PIPE ...

35) Family number: 43687049 (US2011026031A)

© PatBase

Title: PIPE SYSTEM, A FLUID SENSING SYSTEM FOR A PIPE SYSTEM, AND A METHOD OF DETERMINING A FLUID COMPONENT IN AN ANNULUS CAVITY OF A PIPE

Priority: DK20080000263 20080225 DK20080000766 20080603 DK20080001338 20080926
US20080101009P 20080929 DK20100001077 20101126 US20080101009 20080929
WO2009DK00050 20090223 WO2009DK50093 20090422 US20090995740 20090422

Family:

Publication number	Publication date	Application number	Application date
AU2009254329 AA	20091210	AU20090254329	20090422
AU2009254329 BB	20140320	AU20090254329	20090422
BRPI0907534 A2	20150728	BR2009PI07534	20090223
BRPI0913413 A2	20151124	BR2009PI13413	20090422
CA2716795 AA	20090903	CA20092716795	20090223
CA2725624 AA	20091210	CA20092725624	20090422
DK200801338 A5	20100327	DK20080001338	20080926
DK201001077 A5	20101126	DK20100001077	20101126
EP2265929 A1	20101229	EP20090713982	20090223
EP2286201 A1	20110223	EP20090757143	20090422
US2011026031 AA	20110203	US20090919070	20090223
US2011154884 AA	20110630	US20090995740	20090422
US8590365 BB	20131126	US20090995740	20090422
US8593636 BB	20131126	US20090919070	20090223
WO09106078 A1	20090903	WO2009DK00050	20090223
WO09146710 A1	20091210	WO2009DK50093	20090422

Probable Assignee: NATIONAL OILWELL VARCO DENMARK I S

Assignee(s):^(std): KRISTIANSEN MIKAEL ; NAT OILWELL VARCO DENMARK I S ; NAT OILWELL VARCO DENMARK IS ; WEPPENAAR NICKY ; NKT FLEXIBLES IS

Assignee(s): NATIONAL OILWELL VARCO DENMARK I S ; NKT FLEXIBLES I S

Inventor(s):^(std): KRISTIANSEN MAKAEAL ; KRISTIANSEN MIKAEL ; MIKAEL KRISTIANSEN ; NICKY WEPPENAAR ; WEPPENAAR NICKY

Inventor(s): MAKAEAL KRISTIANSEN

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FPA PATENT ATTORNEYS PTY LTD; FETHERSTONHAUGH AND CO; HEGNER ANETTE; PEARNE AND GORDON LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [F16L11/08](#) [F16L11/12](#) [F16L11/20](#) [F17D5/06](#) [G01M3/04](#) [G01M3/18](#) [G01M3/38](#) [G01N21/00](#) [G01N21/17](#) [G01N29/24](#) (Advanced/Invention);
[F16L11/00](#) [F16L11/08](#) [F16L11/12](#) [F17D5/00](#) [G01M3/00](#) [G01M3/04](#) [G01M3/16](#) [G01N21/17](#) [G01N29/24](#) (Core/Invention)

CPC: [F16L11/12](#) [F16L2011/047](#) [G01M3/047](#) [G01N2021/1793](#) [G01N2021/8557](#) [G01N2021/8578](#) [G01N2201/084](#) [E21B17/015](#) [G01N21/59](#) [F16L11/082](#) [F16L11/083](#) [G01N21/1702](#) [G01N29/2425](#) [G01N2021/1704](#) [G01N2021/1708](#)

European class: [F16L11/08D1](#) [F16L11/08D2](#) [F16L11/12](#) [G01M3/04B2B](#) [G01N21/17B](#) [G01N21/59](#) [G01N29/24C1](#) [R16L11/04F](#) [S01N201/08H](#) [S01N21/17B2](#) [S01N21/17B4](#) [S01N21/17Y](#) [S01N21/85D](#) [S01N21/85G](#)

US class: [356/432](#) [356/432S](#) [356/436](#) [356/440](#) [356/440P](#) [73/152.18](#) [73/24.02](#) [73/24.020P](#) [73/64.48](#)

Cited documents: WO08077410 A1, WO04085905 A1, WO03056313 A1, US7296480 BB, US7245380 BB, US7234492 BB, US7024941 BB, US6923477 BB, US6706348 BB, US6668866 BB, US6651700 BA, US6538198 BA, US6472614 BA, US6412825 BA, US6361299 BA, US6145546 A, US6123114 A, US5907151 A, US5125749 A, US5090871 A, US4817413 A, US4790652 A, US4749855 A, US4713540 A, US4450711 A, US4270049 A, US2011153225 AA, US2006266108 AA, US2006072869 AA, US2006027021 AA, US2005232703 AA, US2004177891 AA, US2002119271 AA, US2002109080 AA, US2001032892 AA, JP9288058 A2, JP60159625 A2, JP54079695 A2, GB2062877 A1, DKPA200701203, DKPA200601706, DK200701203 A5, DK200601706 A5,

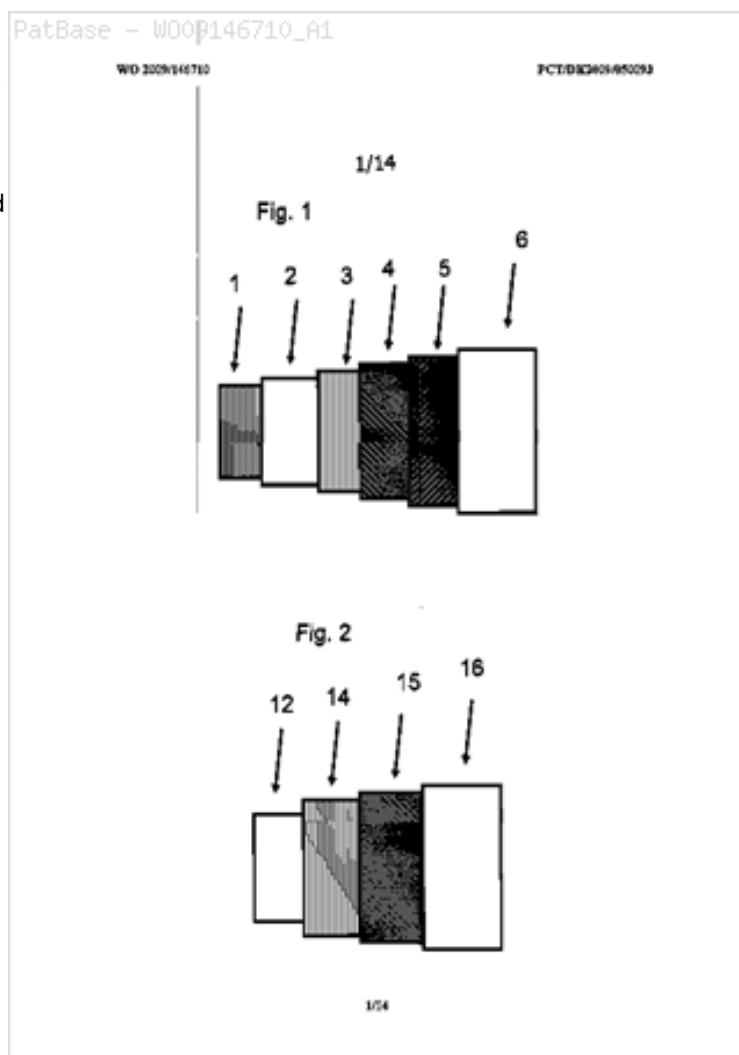
Forward Citations: WO14000760, WO13039579, WO13039579, WO12136271, WO12004508, US9562633, US9482372, US9448209, US9441780, US9410931, US9395295, US9291521, US9188256, US9134278, US8891070, US8820412, US8783358, US8528385, GB2508546, FR2962548, AU2011275645,

Abstract:

Source: US2011026031A The invention relates to a pipe system comprising

- a) a pipe,
- b) a fluid sensing station and
- c) a remote light detector system.

The pipe comprises a flow channel and an annular fluid cavity surrounding the flow channel. The fluid sensing station comprises a sensing fluid cavity which is in fluid communication with the annular fluid cavity, and the sensing fluid cavity comprises a light emitter and a light receiver placed at a distance from each other. The light emitter and the light receiver are optically connected to each other and optically connected to the remote light detector system. The invention also relates to a fluid sensing system for sensing a fluid in an annulus cavity of a pipe, said fluid sensing system comprises a fluid sensing station and a remote light detector system. The fluid sensing station comprises a sensing fluid cavity comprising a light emitter and a light receiver placed at a distance from each other and optically connected to each other. The remote light detector system comprises a light source and an analyzer. The light emitter is optically connected to the light source, and the light receiver being optically connected to the analyzer. The fluid sensing station is arranged to be connected to a pipe with an annular fluid cavity to provide a fluid communication between said annular fluid cavity and said sensing fluid cavity. The invention further relates to a method for sensing a fluid in an annulus cavity of a pipe.



0) US2006054564A – CORROSION INHIBITORS, CORROSION INHIBITING HEAT...

36) Family number: 32712714 (US2006054564A)

© PatBase

Title: CORROSION INHIBITORS, CORROSION INHIBITING HEAT TRANSFER FLUIDS, AND THE USE THEREOF

Priority: EP20050796418 20050908 US20040607898 20040908 US20080080033P 20080711
US20050222024 20050908 US20040607898P 20040908 US20080080033 20080711
US20090500036 20090709 US20090642104 20091218 WO2005US32173 20050908
WO2009US50257 20090710 US20120434358 20120329

Family:

Publication number	Publication date	Application number	Application date
AU2005282359 AA	20060316	AU20050282359	20050908
BRPI0514981 A	20080701	BR2005PI14981	20050908
CA2578970 AA	20070301	CA20052578970	20050908
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US2009266519 AA	20091029	US20090500036	20090709
US2010098987 AA	20100422	US20090642104	20091218
US2012270129 AA	20121025	US20120434358	20120329
US7662304 BB	20100216	US20050222024	20050908
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WO10006263 A2	20100114	WO2009US50257	20090710
WO10006263 A3	20100415	WO2009US50257	20090710
ZA200701865 A	20080730	ZA20070001865	20050908

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; SOLSKYN PERSONAL CARE LLC ; PRESTONE PRODUCTS CO ; FRAM GROUP IP
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PRODUCTS INC ; KIK INT LLC ; HONEYWELL INT ; CREDIT SUISSE SECOND LIEN
COLLATERAL AGENT AG AS ; APG INC ; AQUA CLEAR IND LLC ; ASEPSIS INC ;
BARCLAYS BANK PLC COLLATERAL AGENT AG AS ; BIO LAB INC ; CREDIT SUISSE
FIRST LIEN COLLATERAL AGENT AG AS

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MARINHO FILIPE J ; KALAGHER THOMAS G ; WOYCIESJES PETER M ; YANG BO

Inventor(s): YANG BO RIDGEFIELD ; WOYCIESJES PETER M WOODBURY ; KALAGHER THOMAS G TORRINGTON ; MARINHO FILIPE ; MARINHO FILIPE J DANBURY ; PETER M WOYCIESJES ; THOMAS G KALAGHER ; WOYCIESJES PETER ; GERSHUN ALEKSEI V SOUTHBURY ; KALAGHER THOMAS ; ALEKSEI V GERSHUN ; FILIPE J MARINHO ; GERSHUN ALEKSEI

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; GOWLING LAFLEUR HENDERSON LLP; CLARKE LIONEL PAUL; BUCKLEY GUY JULIAN; HONEYWELL INT INC LAW DEPARTMENT PATENT SERVICES; HONEYWELL INT INC PATENT SERVICES; HONEYWELL/CANTOR COLBURN,PATENT SERVICES; HONEYWELL CANTOR COLBURN PATENT SERVICES; CANTOR COLBURN LLP; BRIAN R; BARNES AND THORNBURG LLP; BOEHM CHRISTOPHER C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): C02F1/00 C02F5/08 C07K5/10 C09K5/08 C09K5/10 C09K5/14 C09K5/20 C23F11/14 F28D15/00 F28F13/06 F28F19/00 H01L31/024 H01L31/052 H01M10/50 H01M8/04 (Advanced/Invention); C09K5/08 C09K5/10 C09K5/14 C09K5/20 C23F11/14 H01M8/04 (Advanced/Non-invention); C02F1/00 C02F5/08 C09K5/00 C23F11/10 F28D15/00 F28F19/00 H01M8/00 (Core/Invention); H01M8/04 (Subclass/Invention); C09K C23F H01M (Subclass/Invention)

International class
(IPC 1-7): C09K5/10

CPC: B01D19/0409 B01J39/04 B01J41/04 B01J47/04 C02F1/42 C02F2303/08 C23F11/12 C23F11/14 C23F11/173 H01M8/04029 C09K5/10 C23F11/08 C23F11/10 C23F11/149 C23F14/02 Y02P70/56

European class: C09K5/10 C23F11/08 C23F11/10 C23F11/12 C23F11/14 C23F11/14H C23F11/173 C23F14/02 H01M8/04B4 M02F1/28 M02F1/28F M02F1/30 M02F1/40 M02F1/42 M02F1/46J M02F303/08 Y02E60/50

US class: 136/246 136/259 165/104.19 165/104.190P 165/104.190S 165/108 165/134.1 165/134.100S 165/177 210/697 252/175 252/175S 252/181 252/181S 252/71 252/717 252/73 252/77 252/78.1 252/78.3 422/15 422/15S 429/120 429/26 429/434 429/434P 429/437

[Classification Explorer](#)

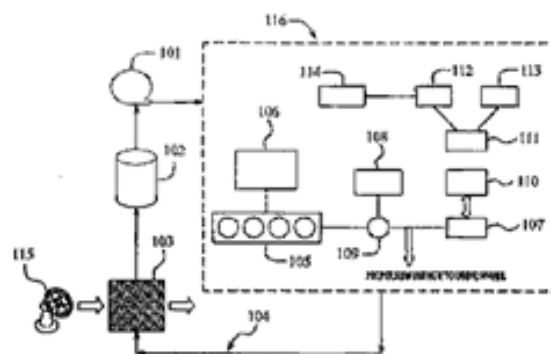
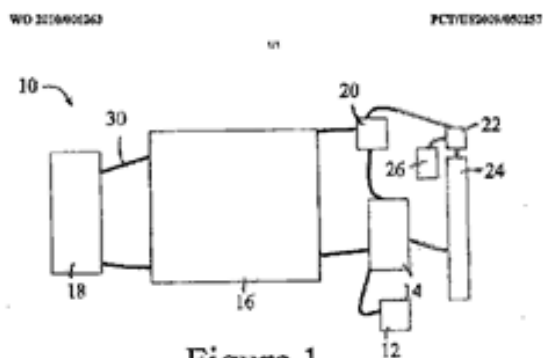
Cited documents: WO04053015 A1, WO03070854 A1, WO03061044 A3, WO03061044 A2, WO03040046 A1, WO03033616 A1, WO02101848 A3, WO02101848 A2, WO02090462 A1, WO02055759 A2, WO02055630 A1, WO0175999 A1, WO0017951 A1, US7481948 BB, US7419618 BB, US7419617 BB, US7418617 BB, US7371334 BB, US6887597 BA, US6709779 BB, US6673482 BB, US6663993 BB, US6605126 BA, US6528564 BA, US6486248 BB, US6228283 BA, US6216948 BA, US6203719 BA, US6090767 A, US5914362 A, US5804063 A, US5776624 A, US5725794 A, US5723060 A, US5200278 A, US4762167 A, US4648883 A, US4588513 A, US4584125 A, US4514427 A, US4485025 A, US4402847 A, US4284729 A, US3964930 A, US3960740 A, US3507702 A, US3312622 A, US3216948 A, US3121692 A, US2009294102 AA, US2009266519 AA, US2008061269 AA, US2007152191 AA, US2007075120 AA, US2006063050 AA, US2006054564 AA, US2006051639 AA, US2006049167 AA, US2005269548 AA, US2005012069 AA, US2004129920 AA, US2004110050 AA, US2004086757 AA, US2004028971 AA, US2004028963 AA, US2004001984 AA, US2003198847 AA, US2003072981 AA, US2003071242 AA, US2002076591 AA, US2002063088 AA, US2002031693 AA, US2001050191 AA, KR20040012915, KR20010066170, JP8185877 A2, HU209546 B, EP1457542 A2, EP1416563 A1, EP1323677 A1, EP1304367 A1, EP1262535 A1, EP0376126 A2, CA2449208 AA, CA2445792 AA, CA2435593 AA, CA2430443 AA, CA2344856 AA,

Forward Citations: WO08107529, US9644127, US9605162, US9598624, US9567507, US9453153, US9365761, US9359678, US9328277, US9315711, US9303199, US9222174, US9145613, US9023235, US8691110, US8658326, US8617416, US8613866, US8591762, US8181474, US7955553, US7932091, US7854253, US7662304, US2015266370, US2015225633, US2014239222, US2013092870, US2012288404, US2011192179, US2010173071, US2010098987, US2009301119, US2009266519, US2009220689, US2008239776, US2008020470, RU2510363, FR2911341, EP2852652, EP1885912, CN104152909, CN103890129, CN103890129, CN103448924, CN103311596, CN103311596, CN102992968, CN102992968, CN102110848,

Abstract:

Source: US2006054564A Disclosed is a corrosion inhibitor for use in heat transfer fluids having a conductivity of less than 200 $\mu\text{S}/\text{cm}$, the corrosion inhibitor having an azole compound, and at least one of a siloxane based surfactant, colloidal silica, or a mixture thereof. Also disclosed is a corrosion inhibiting heat transfer fluid, the heat transfer fluid having a conductivity of no more than or equal to 200 $\mu\text{S}/\text{cm}$ and comprising the disclosed corrosion inhibitor. Also provided is an assembly comprising an alternative power source and a heat transfer system in thermal communication with the alternative power source, the heat transfer system comprising the disclosed corrosion inhibiting heat transfer fluid. In addition, a method of making a corrosion inhibiting heat transfer fluid is disclosed wherein the disclosed corrosion inhibitor is added to heat transfer fluid having a conductivity of less than 200 $\mu\text{S}/\text{cm}$.

PatBase - W010006263_A2



37) Family number: 59780989 (FR3016258A)

© PatBase

Title: SYSTEME PHOTOVOLTAIQUE DE PRODUCTION D'ELECTRICITE A HAUT RENDEMENT AVEC STOCKAGE INTEGRE AU SUBSTRAT OU EMBARQUE SUR PANNEAUX (STOCKAGE ABORD)

Priority: FR20140000035 20140109 FR20140000036 20140109 FR20140001389 20140620
FR20140001492 20140702 FR20150000025 20150108

Family:	Publication number	Publication date	Application number	Application date
	<u>FR3016236 A1</u>	20150710	FR20150000025	20150108
	<u>FR3016239 A1</u>	20150710	FR20140000035	20140109
	<u>FR3016240 A1</u>	20150710	FR20140000036	20140109
	<u>FR3016257 A1</u>	20150710	FR20140001389	20140620
	<u>FR3016258 A1</u>	20150710	FR20140001492	20140702

Probable Assignee: ROUSTAEI ALEX HR**Assignee(s):^(std):** ROUSTAEI ALEX HR**Assignee(s):** ALEX HR ROUSTAEI**Inventor(s):^(std):** ROUSTAEI ALEX HR**Inventor(s):** ALEX HR ROUSTAEI**Agent(s):** ALEX HR ROUSTAEI

International class H01L27/16 H01L31/04 H01L31/053 H01L31/06 H01L35/12 H01L35/34 H01M4/131
(IPC 8-9): H02S10/00 H02S40/38 (Advanced/Invention)

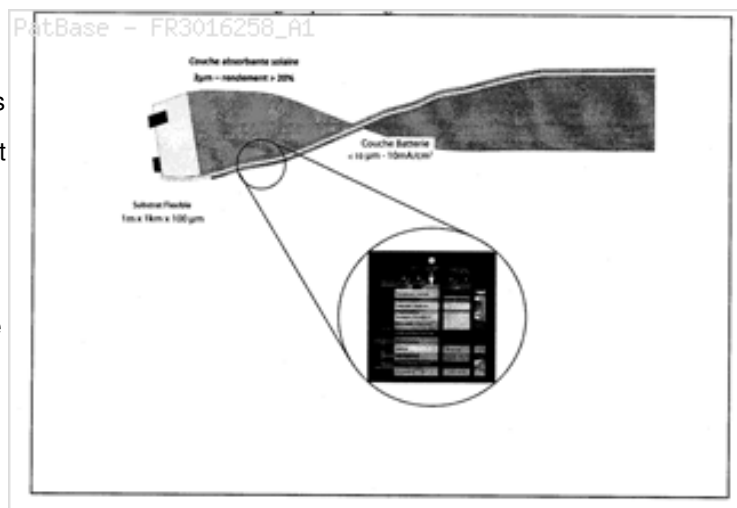
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H01L51/4226 Y02E10/541 Y02E10/549 Y02T10/7011 Y02T10/7022 H01L31/043
E01C7/00 H01L31/048 H02S40/38 H01L51/4213 Y02P70/521 Y02P70/54 Y02E60/122
Y02E10/50

[Classification Explorer](#)

Cited documents: WO14042907 A1, WO12021872 A2, WO11025733 A1, WO11021982 A1, WO10150833 A1, WO10054209 A1, WO08079369 A2, WO08003005 A2, US4925335 A, US2013081679 AA, US2012247527 AA, US2012043814 AA, US2011302858 AA, US2011240099 AA, US2011155236 AA, US2010231046 AA, US2009295257 AA, US2009133733 AA, US2009045773 AA, US2008115817 AA, US2007028958 AA, US2005199282 AA, KR20130142609 A, JP8126224 A2, JP2002021036 A2, FR2982082 A1, EP0108492 A2, CN202688818 U, CN103391025 A, CN103114532 A,

Abstract:

Source: FR3016258A L'invention propose une solution innovante a haute rendement pour le stockage de l'energie intermittente des cellules et systemes solaires sur films modulable et transferable sur support, integrable au substrat des cellules flexibles ou panneaux rigides solaires comprenant de preference une hybridation par ajouts de convertisseurs de rayonnements invisibles et thermiques avec une unite de stockage primaire de l'electricite embarque a bord ou au niveau de la cellule utilisant notamment la superficie surfacique de la cellule y logeant le systeme de conversion de l'energie solaire en energie electrique. De conception efficace, il est faconnable par segment ou par partition et offre une maintenance facile par division pour des surface importante et il reduit considerablement le cout par watt pour une surface donnee tout en augmentant de



maniere significative les efficacities des cellules solaires offrant un premier niveau de stockage a bord de la cellule solaire par deux voies possibles de stockage directe de l'energie produite par la cellule et sa restitution apres lissage ou stockage de cette derniere ou encore par le surplus de l'energie non consommee ou non injectee sur le reseau qui favorise considerablement son utilisation dans les maisons a energies positives ou en autoconsommation. L'invention utilise la technique de deposition atomique pour la construction des molecules complexes et la technique de croissance/deposition moleculaires pour construction des couches hybrides en 3D modelisee par une conception innovante d'augmentation de surface de stockage et l'efficience du systeme, ainsi que des options d'hybridation ou de composants piezoelectriques pour capturer les calories sur la face arriere. La cellule capture les rayons du soleil arrivant sur sa surface. Celle-ci absorbe la lumiere visible et le proche infrarouge. Les rayonnements invisibles traversent la couche absorbante et arrivent sur le convertisseur a grande puissance qui emet la lumiere additionnelle. La chaleur et calories sont transformees par la couche piezonanofils. Les cellules photovoltaïques peuvent etre du type organique ou/et inorganique en couches minces et/ou ETA ou en tandem, apportees par greffes, imprimees ou deposees. Le stockage est en gel-solide ou solide state technologie et utilise des batteries en Lithium-ion a base de nano Titanate offrant une tres grande duree de vie et une plus grande securite dans l'utilisation des batteries integrees a la cellule.

38) Family number: 59609485 (CA2837433A)

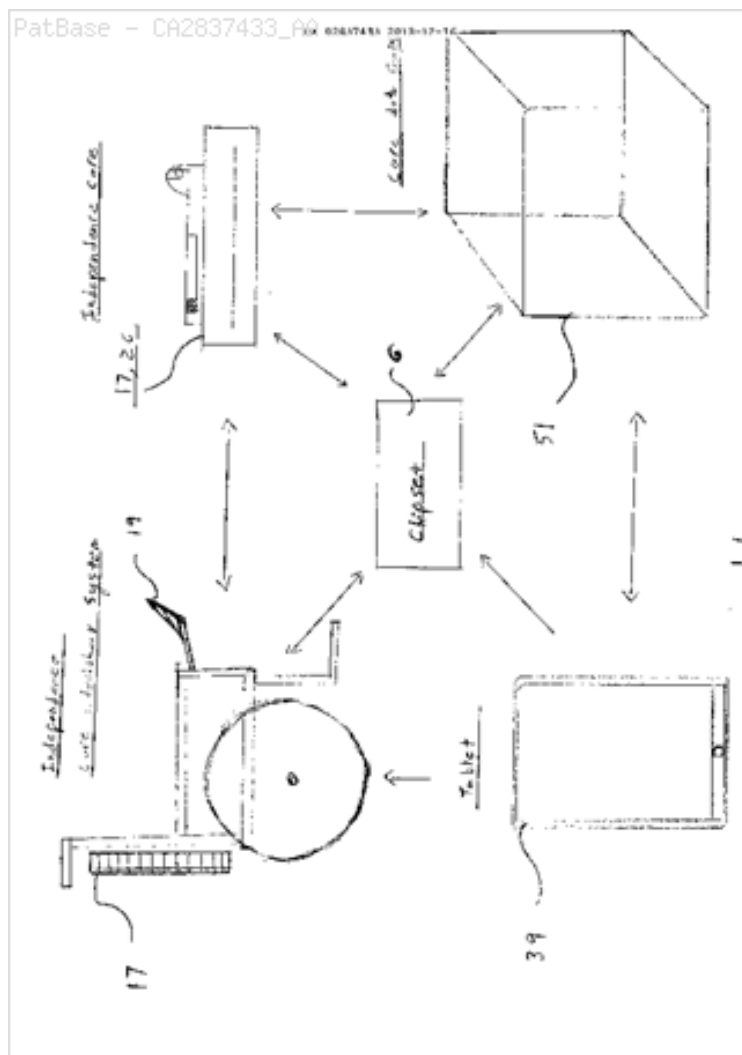
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Title: CORE DATA CUBE AND CORE CHIPSET**Priority:** CA20132837433 20131216**Family:**

Publication number	Publication date	Application number	Application date
<u>CA2837433 AA</u>	20150616	CA20132837433	20131216

Probable Assignee: OSTERLOO MATTHEW WILLIAM**Assignee(s):^(std):** OSTERLOO MATTHEW WILLIAM**Assignee(s):** UNKNOWN**Inventor(s):** UNKNOWN**International class** A61G5/10 G06F1/16 G06F19/00 (Advanced/Invention);
(IPC 8-9): A61F2/50 (Advanced/Non-Invention)**CPC:** A61G5/04 A61F4/00[Classification Explorer](#)**Abstract:**

Source: CA2837433A This patent outlines the design and fabrication of a computer system intended to facilitate communication between wheelchair users and institutions. The system is predicated on a chipset encompassing a laptop motherboard, communication chipset and a drive mechanism. This assembled chipset can be installed in various different cases; a rugged wheelchair version or a cubic styled institution variant supporting multiple touch interfaces on each axis.



39) Family number: 59340970 (DE202014010164U1)

© PatBase

Title: FINGERNAGEL–FOLIEN UND KUENSTLICHE FINGERNAEGEL MIT AKTIVER BELEUCHTUNG FINGERNAGEL foils and artificial nails with active illumination (Machine translation)

Priority: DE201420010164U 20141222

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202014010164 U1</u>	20150603	DE201420010164U	20141222

Probable Assignee: BENKHARDT AXEL

Assignee(s):^(std): BENKHARDT AXEL

Assignee(s): BENKHARDT

International class A45D31/00 (Advanced/Invention)
(IPC 8–9):

CPC: A45D31/00 A45D29/001

[Classification Explorer](#)

Cited documents: EP1143825 B1,
DE202005012144 U1

Abstract:

Source: DE202014010164U1 a.) Folie in beliebiger Staerke in passender Groesse fuer unterschiedliche Fingernagelgroessen mit einer an der Unterseite angebrachte Klebeflaeche, welche mittels eines selbstklebenden Beschichtung oder einer aufzubringenden Klebe-Emulsion auf den natuerlichen oder den kuenstlichen Nagel angebracht wird oder b.) Kuenstlicher Fingernagel, bestehend aus einem Nagelrundkoerper aus beliebigem Oberflaechen-Material, welche an der Unterseite aufweist eine Klebeflaeche, welche auf den natuerlichen Nagel angebracht wird gekennzeichnet dadurch, in der transparenten – farbig oder farbneutral ausgestalteten – Folie/Nagelrundkoerper ist eine kalte Mini-LED-Lampe oder Mini-LED-Lampeneinheit in verschiedenen Farben eingebracht ist, wobei es sich um (beliebig) farbige Leuchtmittel und/oder um weisse Leuchtmittel mit einem transparenten Farbfilter handeln kann, wobei die LED-Lampen vorab so eingestellt werden, dass sie dauerleuchten oder in Intervallen, wobei die LED-Lampeneinheit mit einer Schnittstelle fuer den Stromanschluss zur Energiequelle, wobei A.) Film in any thickness of the appropriate size for different Fingernagelgroessen with a attached to the underside Klebeflaeche which is attached by means of a self-adhesive coating or an applied adhesive emulsion on natural or artificial nails, or b.) Artificial Fingernail, consisting of a Nagelrundkoerper from any surface material, which at the bottom has a Klebeflaeche which is attached to the natural nail characterized, in the transparent – colored or neutral color designed – film / Nagelrundkoerper is a cold Mini LED lamp or Mini LED lamp unit is introduced in different

PatBase – DE202014010164_U1

DE 20 2014 010 164 U1 2015.06.03

Anhängende Zeichnungen

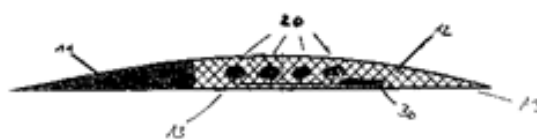


Fig. 1

colors, which is (any) may act colored light sources and / or white lamps with a transparent color filter to, the LED lamps are set in advance so that they remain lit or at intervals, the LED lamp unit with an interface for the power supply to the power source, where

40) Family number: 33122647 (US2006158470A)

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Title: PRINTABLE ELECTRONIC FEATURES ON NON-UNIFORM SUBSTRATE AND PROCESSES FOR MAKING SAME

Priority: US20010327621P 20011005 US20010338797P 20011102 US20050643577 20050114
 US20020265295 20021004 US20050643577P 20050114 US20050643578P 20050114
 US20050695403P 20050701 US20050695405P 20050701 US20050695412P 20050701
 US20050695413P 20050701 US20050695411P 20050701 US20050695404P 20050701
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 WO2006US01304 20060113 US20070773665 20070705 US20070755720 20070530
 US20060331239 20060113 US20060331238 20060113

Family:

Publication number	Publication date	Application number	Application date
<u>AU2006204813 AA</u>	20060720	AU20060204813	20060113
<u>CA2594806 AA</u>	20070712	CA20062594806	20060113
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<u>ZA200701495 A</u>	20080827	ZA20070001495	20070220	

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Inventor(s): STOTT NATHAN ; SHAH JAINISHA ; KORNBREKKE RALPH ; SHAH JAINISHA RUS ; KORNBREKKE RALPH EUS ; HARDMAN NED ; HARDMAN NED JAYUS ; HAUBRICH SCOTT THOMASUS ; BHATIA RIMPLEUS ; NED JAY HARDMAN ; MARK J HAMPDEN SMITH ; RICHARD ANTHONY EINHORN ; SCOTT THOMAS HAUBRICH ; RALPH E KORNBREKKE ; JAINISHA R SHAH ; EINHORN RICHARD ; EINHORN RICHARD

ANTHONYUS ; HAMPDEN SMITH MARK JUS

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HIROSHI; JAIMES SHER ESQ CABOT CORP; CABOT CORP; PATENT
ADMINISTRATOR CABOT CORP; KATTEN MUCHIN ROSENMAN LLP; JUSTIN L;
WARREN JENNIFER

Designated states:

AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI
CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH
GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC
LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE
NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY
SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9):

B01D61/14 B01J13/02 B41J2/16 C09D11/02 C22B3/16 H05K3/46 A61K9/14 B05D1/36
B05D3/00 B05D5/12 B22F1/00 B22F9/18 B22F9/24 B22F9/30 B32B18/00 B32B3/00
B41J2/01 B41J25/308 B41J29/38 B41J29/393 B41J3/407 B41M3/14 B42D15/00
B42D15/10 C09D11/00 C09D5/10 C22B3/00 G01D11/00 G02B5/18 G02B5/32 G06F17/50
G09F3/02 H01B1/22 H01L21/00 H01L21/31 H01L21/44 H01L21/469 H01L21/48
H01L23/48 H03K17/693 H05K1/00 H05K1/09 H05K1/14 H05K1/16 H05K3/12
H05K3/38 (Advanced/Invention);
H01L21/768 B41J2/01 B42D15/00 B42D15/10 (Advanced/Non-invention);
A61K9/14 B05D1/36 B05D3/00 B05D5/12 B22F1/00 B22F9/16 B32B18/00 B32B3/00
B41J25/308 B41J29/393 B41J3/407 B41M3/14 B42D15/00 B42D15/10 C09D11/00
C09D5/10 C22B3/00 G01D11/00 G02B5/18 G02B5/32 G06F17/50 G09F3/02 H01B1/22
H01L21/00 H01L21/02 H01L23/48 H03K17/693 H05K1/00 H05K1/09 H05K1/14 H05K1/16
H05K3/12 H05K3/38 H05K3/46 (Core/Invention);
B41J2/01 (Core/Non-invention);
B42D (Subclass/Invention)

International class
(IPC 1-7):

B42D15/00

CPC:

B41J2/01 B41J2202/04 H01C17/065 H05K1/162 H05K1/165 H05K1/167 H05K1/181
H05K2201/09763 H05K2203/1453 H05K1/024 H05K3/323 H05K2201/0187
H05K2201/0269 H01L2924/01019 Y10S977/777 Y10S977/896 H01L2224/82007
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H05K2201/09836 H05K2203/0594 C09D11/03 B22F1/0022 B22F9/24 B22F2998/10
B82Y30/00 C09D11/101 C09D11/30 C09D11/38 C22B3/20 C22B11/04 C22B23/0453
H01B1/22 H01L21/288 H05K1/097 H01L51/0005 H01L51/0022 H05K3/1208 H05K3/1258
H05K3/245 H05K3/386 H05K2201/0116 H05K2201/09909 H05K2203/0568
H05K2203/1173 C09D11/322 C09D11/36 C09D11/52 H01L23/49883 H01L23/5328
H05K3/1283 H05K2203/1131 H01L24/95 H01L2224/95101 H01L21/6715
H05K2201/10166 H05K2201/10212 H01L2924/0002 H01L21/485 H01L23/5382
H01L2924/09701 H01L2924/3011 H05K1/0286 H05K3/0005 H05K3/32 H05K2203/1469
B41M3/14 B41M3/144 H01L2924/12044 Y10T428/24876 Y10T428/24917 Y10T428/24926
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H05K2203/0113 H05K2203/0143 H05K2203/0534 H05K2203/1476 H01L2924/15787
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B41J3/4073 B41J25/308 H05K1/0284 H05K2203/163 B22F1/0018

European class:

B22F1/00A2B4 B22F1/00A2B4D B22F9/24 B41J2/01 B41J25/308 B41J3/407D
B42D15/00C B42D15/10 B82Y30/00 C09D11/03 C09D11/101 C09D11/30 C09D11/322
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H01L23/532M4 H01L23/538B H01L51/00A2B2 H01L51/00A2B2B H01L51/00A8B
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US class:

106/1.12 106/1.120S 174/260 174/261 257/734 257/773 257/773P 257/E21.174
257/E21.174S 257/E21.244 257/E21.244S 257/E23.075 257/E23.075S 257/E23.166
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347/8 347/8P 423/1 423/1P 424/489 424/489S 427/258 427/258S 427/299 427/299S

427/58 427/58P 428/204 428/204P 428/209 428/209P 428/210 428/210S 438/129
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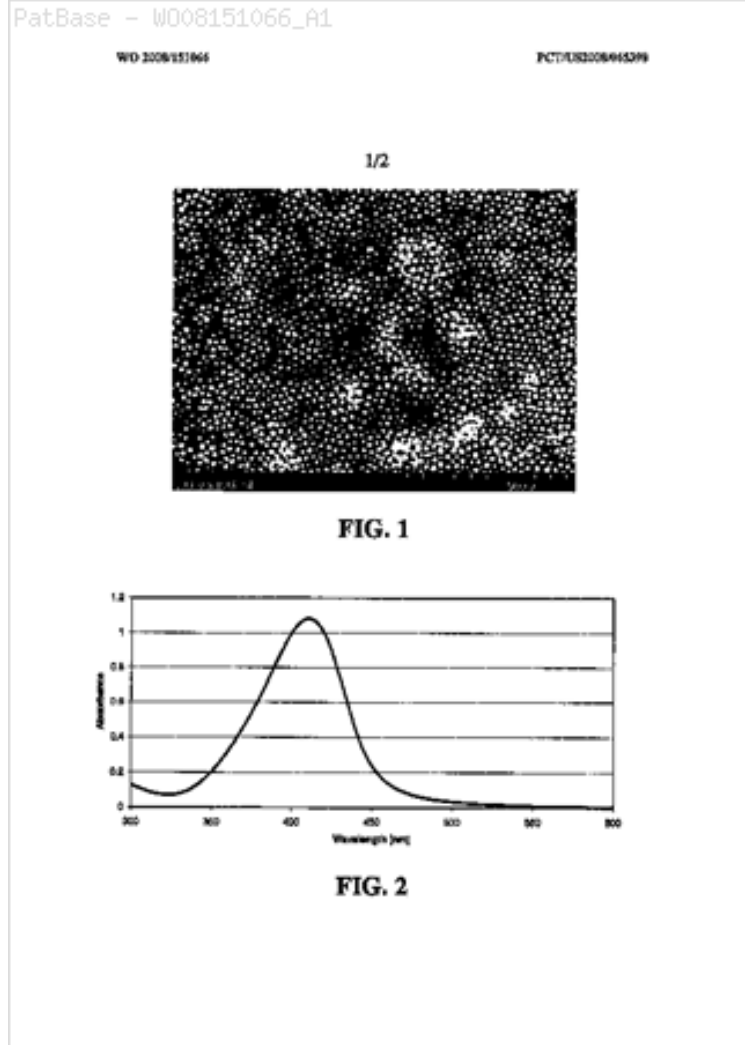
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Abstract:

Source: US2006158470A A system and process for compensating for non-uniform surfaces of a substrate when direct printing traces is provided. The system and process provided herein measures the surface of a substrate and can determine whether the surface is substantially flat, rises or falls, or whether a mesa or valley is encountered. Depending on the surface feature (i.e., mesa, valley, falling or rising surface), the direct printing system can change the frequency of the printing timing signal, advance or retard the print timing signal, advance or retard the print data, or make repeated passes over certain areas. In addition, the process disclosed herein can determine whether two, three or all of the aforementioned steps for compensating for non-uniform substrates should be combined to most effectively and efficiently print on the non-uniform surface of the substrate as intended.



41) Family number: 59353674 (WO15077418A1)

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Title: BATTERY PACK FOR USE WITH WEARABLE COMPUTING DEVICE**Priority:** US20130907281P 20131121

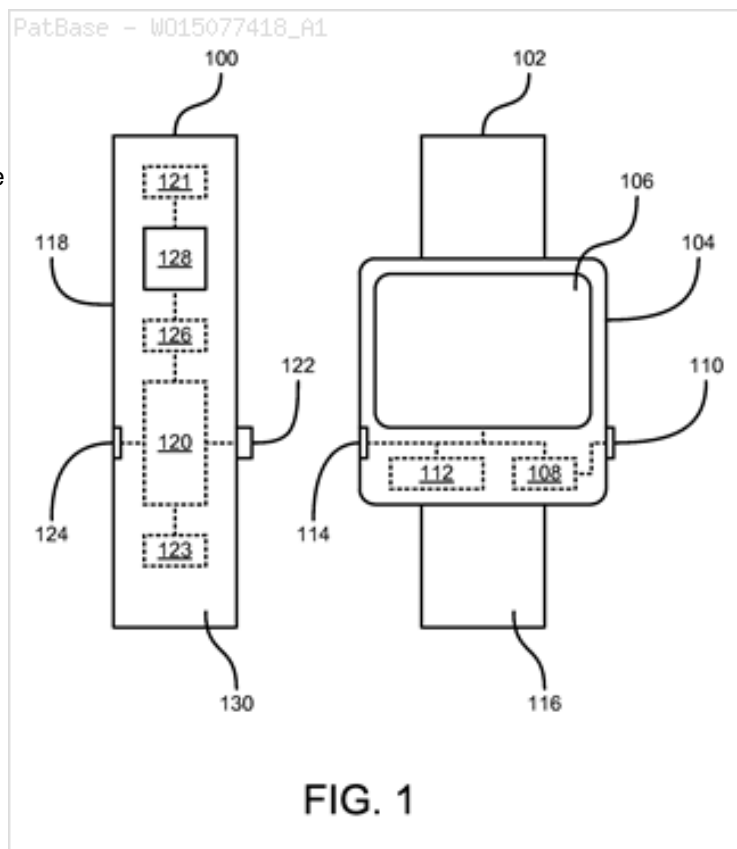
Family:	Publication number	Publication date	Application number	Application date
	<u>WO15077418 A1</u>	20150528	WO2014US66555	20141120

Probable Assignee: MOPHIE INC**Assignee(s):^(std):** MOPHIE INC**Inventor(s):^(std):** BOTTOMLY MATTHEW D ; CHOU STEVEN YU CHUAN ; HUANG DANIEL ; KIM DAN MICHAEL**Agent(s):** CHRISTENSEN MICHAEL R

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class G04B47/00 G04C10/00 H04M1/00 (Advanced/Invention)
(IPC 8-9):**CPC:** G04C10/00 H04M1/0262 G06F1/163 G06F1/1632 G06F1/1635 G06F1/263 H01M2220/30 H01M2/1022[Classification Explorer](#)**Cited documents:** US8515505 BA, US6528203 BA, US2012214418 AA, US2011009172 AA, US2010227642 AA,**Abstract:**

Various embodiments disclosed herein relate to a supplemental battery pack for providing electrical power to a wearable computing device. The battery pack can be used to recharge the battery of the wearable computing device, and the battery pack can be removed and recharged while the user continues to wear the wearable computing device. The battery pack can be reattached later to again recharge the battery of the wearable computing device. The battery pack can be configured to be worn by the user.



42) Family number: 15254881 (US2003035917A)

© PatBase

Title: IMAGE MAKING MEDIUM

Priority: EP20000944650 20000612 US19990138694P 19990611 US20010012259 20011211
 US20020170503 20020614 US20020012259 20020614 US20040567022P 20040430
 WO2000US16111 20000612 US20090631627 20091204 US20140203327 20140310
 US20140584921 20141229 US20050118975 20050428

Family:

Publication number	Publication date	Application number	Application date
<u>AU200058715 A5</u>	20010102	AU20000058715D	20000612
<u>CA2394645 AA</u>	20020618	CA20002394645	20000612
<u>EP1208150 A1</u>	20020529	EP20000944650	20000612
<u>EP1208150 A4</u>	20050126	EP20000944650	20000612
<u>EP1777255 A2</u>	20070425	EP20070100176	20000612
<u>EP1777255 A3</u>	20070711	EP20070100176	20000612
<u>US2003035917 AA</u>	20030220	US20020170503	20020614
<u>US2014186646 AA</u>	20140703	US20140203327	20140310
<u>US2015125829 AA</u>	20150507	US20140584921	20141229
<u>US7629400 BB</u>	20091208	US20020170503	20020614
<u>US8669325 BA</u>	20140311	US20090631627	20091204
<u>WO0077085 A1</u>	20001221	WO2000US16111	20000612

Probable Assignee: HYMAN SYDNEY**Assignee(s):^(std):** HYMAN SYDNEY**Assignee(s):** SYDNEY HYMAN**Inventor(s):^(std):** HYMAN SYDNEY**Inventor(s):** SYDNEY HYMAN**Agent(s):** OSLER HOSKIN AND HARCOURT LLP; WINSTON AND STRAWN LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU
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 IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR
 MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR
 TT TZ UA UG US UZ VN YU ZA ZW

International class
 (IPC 8-9): B41M1/00 B41M1/30 B41M5/24 B41M5/26 B41M5/36 B44C3/00 B44C3/04 B44C5/00
B44F1/06 B44F11/00 C08K5/00 C08K5/34 C08K5/3445 C08L101/00 C08L81/00
D06N7/04 G03C5/00 G09B11/10 (Advanced/Invention);
B41M5/24 B41M5/26 (Advanced/Non-invention)

International class
 (IPC 1-7): B32B1/00 B32B19/00 B32B9/00 B44C1/00 B44C1/26 B44C1/28 B44C3/12 C08J3/00
C08K5/34 C08L1/00 D06N7/04

CPC: Y10T428/22 Y10T428/24355 B41M1/30 B41M5/0047 B41M5/24 G03C5/00 G09B11/10
B44C5/00 B41M5/26 B41M5/267 B41M5/36 B44C3/046 B44C3/048 B44D3/18 B44F1/00
C08K5/005

European class: B41M1/30 B41M5/36 B44C3/04F B44C3/04F2 C08K5/00P6 G03C5/00 L41M5/00S2
L41M5/24 L41M5/26 L41M5/26L

US class: 156/58 156/58S 257/40 257/79 345/173 428/141 428/141S 428/15 428/174 428/542.8
428/67 428/67P 428/69 428/690 428/690S 428/80 434/81 438/26 445/24 524/106
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[Classification Explorer](#)

Cited documents: WO9742550 A1, WO9116143 A1, US6610164 BB, US6248457 BA, US6214422 BA,
 US6071998 A, US5859141 A, US5759636 A, US5725990 A, US5700894 A, US5674579
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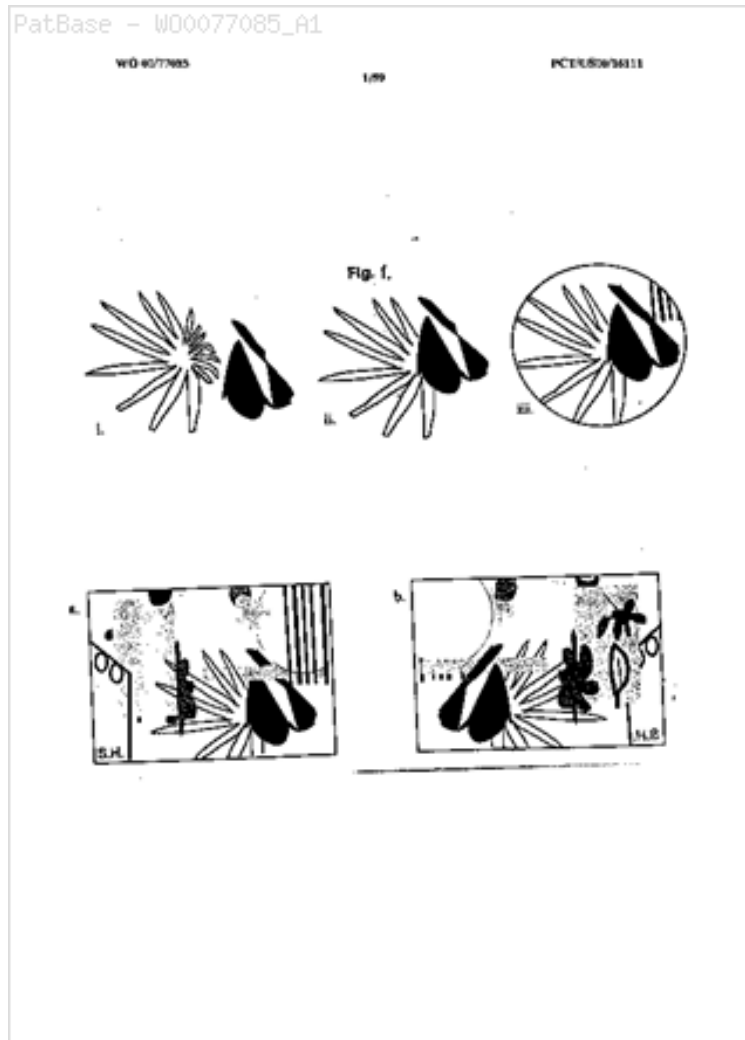
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Abstract:

Source: US2003035917A The invention relates to an image support medium for creation of an aesthetic image that is an work or object for display. This support medium includes a polymer in an amount sufficient to enable the image to have at least one aesthetic element. In different embodiments, the image support medium is an image support stabilizer, the polymer is a synthetic absorbent or conductive polymer, or the polymer is a transparent or synthetic translucent polymer and a property of this transparent or translucent polymer is enhanced to facilitate the creation or preservation of the image by at least one stabilizer. The invention also relates to a method for preparing this image support medium. The method includes forming a reaction mixture comprising a monomer in an amount sufficient to provide or enable the image to have an aesthetic element, and processing the reaction mixture into a 2- or 3-dimensional shape.



43) Family number: 59169982 (CN204306769U)

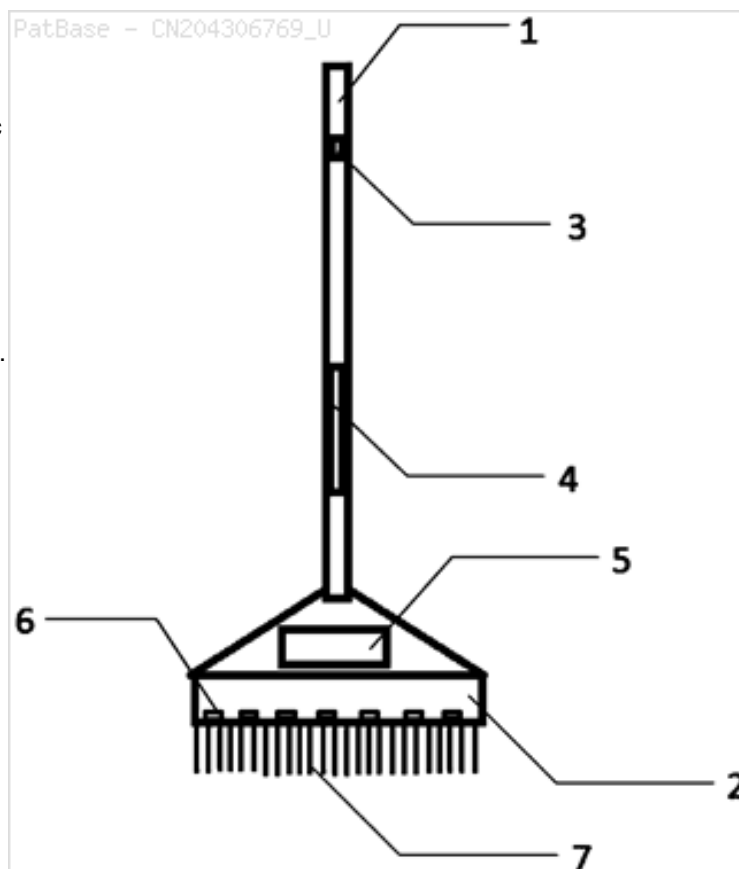
© PatBase

Title: NOVEL ILLUMINATION TYPE BROOM**Priority:** CN201420802265U 20141217

Family:	Publication number	Publication date	Application number	Application date
	<u>CN204306769 U</u>	20150506	CN201420802265U	20141217

Probable Assignee: SUN SHUAILIN**Assignee(s):^(std):** SUN SHUAILIN**Assignee(s):** SUN LIN RATE**Inventor(s):^(std):** SUN SHUAILIN**International class** A47L13/10 (Advanced/Invention)
(IPC 8-9).[Classification Explorer](#)**Abstract:**

Source: CN204306769U A novel illumination type broom comprises a broom handle, a broom head, a switch, a storage battery, a solar cell panel, an LED lamp bead and plastic broom bristles, wherein the broom head is arranged at one end of the broom handle, the plastic broom bristles are arranged at the bottom end of the broom head, the switch is arranged at the top end of the broom handle, the storage battery is arranged inside the broom handle, the solar cell panel is arranged on the broom head, and the LED lamp bead is arranged at the bottom end of the broom head. The novel illumination type broom is simple in structure, low in price, capable of realizing the low-carbon purpose and environmental friendliness, and capable of achieving illumination for users when the broom is used for cleaning areas, with poor light, under furniture such as a bed and a sofa.



44) Family number: 59087842 (DE102013017562A1)

© PatBase

Title: SONNENBLLENDE FUER FAHRZEUGE MIT VERSCHIEDENEN
SCHMINKSPIEGELELEMENTEN Sun visor for vehicles WITH DIFFERENT ELEMENTS
vanity mirror (Machine translation)

Priority: DE201310017562 20131024

Family:	Publication number	Publication date	Application number	Application date
	<u>DE102013017562 A1</u>	20150430	DE201310017562	20131024

Probable Assignee: MUELLER HERMANN FRANK

Assignee(s):^(std): MUELLER HERMANN FRANK

Inventor(s):^(std): MUELLER HERMANN FRANK

International class B60J3/02 F21S8/10 (Advanced/Invention)
(IPC 8-9):

CPC: B60J3/0282 B60Q3/252 B60Q3/59 B60Q3/88

[Classification Explorer](#)

Cited documents: DE10066067 A1, DE10063406 A1, DE10056106 A1,

Forward Citations: DE102015213210,

Abstract:

Source: DE102013017562A1 Sonnenblende mit ausrastbarem Schwenklager und mit einem in der Kassette und, oder der Aussparung befestigten oder aus der Verankerung der Kassette oder Aussparung der Sonnenblende loesenden, herausnehmbaren biegsamen Schminkspiegel und Abdeckung mit biegsamen und oder untereinander, unterschiedlicher polymerer transparenter variierbarer hinzufuegender Funktionsschichten die miteinander zu einer Traegerfunktionslage verklebt oder verschweisst sind und ueber druckbare Leiterbahnen untereinander und mit einer Schalt- und Regeleinrichtung verbunden sind. Einen Schalt- und Helligkeitssensor vorweisen. Die Kassette weist zur Ausleuchtung eine Kerbe auf mit der in der Vertiefung befindlichen organischen Folienlicht oder LED Leuchten auf, der die unterschiedlichen Funktionsbereitschaften der Elektronik anzeigt. Der Taschenlampenschminkspiegel besteht mindestens aus biegsamen und/oder elastischen organischen Licht, Energiespeicher, sowie einer Solarzelle. Der Spiegelrahmen selbst ist mit LED und/oder organischem Licht bestueckt oder es besteht eine Abstandsflaeche zwischen einem rechteckigen Spiegel und und dem Spiegelrahmen das auf einer Seite mit LED Chip zum Ausleuchten des Umfeldes bestueckt ist Die Abdeckung des Taschenspiegelschminkspiegels besteht in Form einer schiebbaren Platte oder eines schwenkbaren Deckels. Zusaetzlich zu dem Taschenlampenschminkspiegel weist die Sonnenblende selbst noch einen zweiten ergaenzenden Energiespeicher aus, der bei einer Teilentladung der ersten Taschenlampenbatterie diese auflaedt. Auch gleichzeitig von Solarzellen gespeisst wird. Mindestens ein Mikrochip an der Sonnenblende und dem Taschenlampenschminkspiegel ueberwachen und steuern die unterschiedlichen Kontroll- und Ladefunktionen des Taschenlampenschminkspiegels in der Aussparung auf der einen Seite, sowie der Sonnenblende auf der anderen Seite. Bei einem herausnehmbaren Taschenlampenschminkspiegel ist nicht nur in dem Mehrschichtensystem ein Energiespeicher vorhanden, sondern noch ein zusaetzlicher Akkumulator in dem Sonnenbiendenkoerper selbst. Die Stromfuehrende magnetische Schnellkupplung erlaubt ein bestaendiges, loesbares und festes positionieren des Taschenlampenschminkspiegels mit einem Touch Screen zum ein- und ausschalten der Beleuchtungselemente.

Der Taschenlampenschminkspiegel ist nicht nur innerhalb einer Kassette einer Sonnenblende befestigt, sondern auch in einem Dachhimmel und Kopfstuetze, sowie eines Fahrradhelmes ausserhalb des Fahrzeuges. Sun visor with ausrastbarem pivot bearing and a fixed in the cassette and, or the recess or releasing from the anchorage of the cartridge or recess of the sun visor, removable flexible make-up mirror and cover with flexible and or each other, different polymeric transparent diversifiable hinzufuegender functional layers which are glued or welded to a Traegerfunktionslage and are connected via printable interconnects with each other and with a switching and control device. Show a shift and brightness sensor. The cassette know for illuminating a notch in the located in the recess organic film light or LED lights on, indicating the different functional Willingness electronics. The flashlight magnifying mirror consists of at least flexible and / or elastic organic light, energy storage, as well as a solar cell. The mirror frame itself is equipped with LED and / or organic light or there is a Abstandsflaeche between a rectangular mirror and the mirror frame that is fitted on one side with LED chip to illuminate the environment The cover of the pocket mirror vanity mirror is in the form of a sliding plate or hinged lid. In addition to the flashlight magnifying mirror know the sun visor itself is a second supplementary energy storage from which these charges at a partial discharge of the first flashlight battery. Gespeisst is also simultaneously by solar cells. Supervise at least one microchip to the sun visor and the flashlight make-up mirror and control the various control and charging functions of the flashlight vanity mirror in the recess on the one hand, and the sun visor on the other side. With a removable flashlight magnifying mirror an energy storage is not only in the multilayer system available, but, an additional battery in the Sonnenbiendenkoerper itself. The Stromfuehrende magnetic quick connector allows a stable, releasable and fixed position of the flashlight vanity mirror with a touch screen on and off of the lighting elements. The flashlight magnifying mirror is mounted not only in a cassette of a sun visor, but also in a headliner and headrest, as well as a bike helmet outside the vehicle.

45) Family number: 43030104 (US2009124705A)

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Title: CARBON NANOTUBE POWDER, CARBON NANOTUBES, AND PROCESSES FOR THEIR PRODUCTION**Priority:** DE200710044031 20070914 WO2008EP07138 20080902**Family:**

Publication number	Publication date	Application number	Application date
<u>AT506068 E</u>	20110515	AT20080785785T	20080902
<u>CN101801394 A</u>	20100811	CN200880107142	20080902
<u>CN101801394 B</u>	20130522	CN200880107142	20080902
<u>DE102007044031 A1</u>	20090319	DE200710044031	20070914
<u>DE502008003302 D1</u>	20110601	DE200850003302T	20080902
<u>DK2190443 T3</u>	20110815	DK20080785785T	20080902
<u>EP2190443 A2</u>	20100602	EP20080785785	20080902
<u>EP2190443 B1</u>	20110420	EP20080785785	20080902
<u>ES2364305 T3</u>	20110830	ES20080785785T	20080902
<u>IN01776DN2010 A</u>	20100813	IN2010DN01776	20100315
<u>JP2010538953 T2</u>	20101216	JP20100524376T	20080902
<u>JP5430571 B2</u>	20140305	JP20100524376T	20080902
<u>KR101500787 B1</u>	20150319	KR20107005514	20080902
<u>KR20100058544 A</u>	20100603	KR20107005514	20080902
<u>RU2010114517 A</u>	20111020	RU20100114517	20080902
<u>TW200932673 A</u>	20090801	TW20080134945	20080912
<u>US2009124705 AA</u>	20090514	US20080208468	20080911
<u>US8398949 BB</u>	20130319	US20080208468	20080911
<u>WO09036877 A2</u>	20090326	WO2008EP07138	20080902
<u>WO09036877 A3</u>	20100128	WO2008EP07138	20080902
<u>WO09036877 A8</u>	20100408	WO2008EP07138	20080902

Probable Assignee: COVESTRO DEUTSCHLAND AG**Assignee(s):^(std):** HOCKE HEIKO ; WOLF AUREL ; RUDOLF REINER ; WEBER RALPH ; MEYER HELMUT ; SCHMID MARTIN ; VOETZ MATTHIAS ; MLECZKO LESLAW ; BAYER MATERIAL SCIENCE LLC ; BAYER MATERIALSCIENCE AG ; BRAMER WEGER ELMAR ; BUCHHOLZ SIGURD**Assignee(s):** COVESTRO DEUTSCHLAND AG**Inventor(s):^(std):** AUREL WOLF ; BRAMER WEGER ELMAR ; BUCHHOLZ SIGURD ; HEIKO HOCKE ; HELMUT MEYER ; HOCKE HEIKO ; LESLAW MLECZKO ; MARTIN SCHMID ; MATTHIAS VOETZ ; MEYER HELMUT ; ELMAR BRAMER WEGER ; MLECZKO LESLAW ; RALPH WEBER ; REINER RUDOLF ; RUDOLF REINER ; SCHMID MARTIN ; SIGURD BUCHHOLZ ; VOETZ MATTHIAS ; WEBER RALPH ; WOLF AUREL**Inventor(s):** ELMAR MER WEGER ; BRAMER-WEGER, ELMAR**Agent(s):** MORIZUMI KEN ICHI; TANAKA MITSUO; SHIBATA YASUO; YAMADA TAKUJI; NORRIS MCLAUGHLIN AND MARCUS PA; BAYER MATERIALSCIENCE AG**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): A61K33/44 A61K47/04 B01J20/20 B01J23/889 B01J32/00 B01J37/03 B32B9/04 B82B1/00 B82B3/00 C01B31/02 C01B31/04 C08K3/04 D01F9/12 (Advanced/Invention); B01J23/889 B01J37/03 B82B3/00 C01B31/02 D01F9/127 (Advanced/Non-invention); A61K33/44 A61K47/02 B01J20/20 B01J23/76 B01J32/00 B01J37/00 B32B9/04 B82B1/00

B82B3/00 C01B31/00 C08K3/00 (Core/Invention);
C01B31/04 (Core/Non-invention)

International class
(IPC 1-7):

A61K33/44

CPC:

Y10T428/2982 A61K33/44 B01J21/185 B01J23/8892 B01J37/0036 B01J37/03 B82Y30/00 B82Y40/00 C01B31/0233 C01B2202/30 C01B2202/34 C01B2202/36

European class:

A61K33/44 B01J21/18C B01J23/889B B01J37/03 B82Y30/00 B82Y40/00 C01B31/02B4B2 L01J37/00B4B M01B202/30 M01B202/34 M01B202/36

US class:

423/445.00BS 423/445B 423/447.1 423/447.2 423/447.3 428/402 428/402S 502/416 502/416S 502/439 502/439S 514/769 977/742 977/743 977/843

[Classification Explorer](#)

Cited documents:

WO8603455 A1, WO07093337 A2, WO07009337 A1, US6426134 BA, US5413866 A, US2004151654 AA, US2003224168 AA, US20030224168, JP2004526660 T2, JP2004526660, GB1469930 A, EP1399384 A2, EP0205556 B1, EP0205556 A1, EP0056004 A2, CA2374848 AA,

Forward Citations:

WO16037867, WO15142635, WO14195415, WO13026827, WO12101056, WO12084764, WO12045727, WO12031989, WO11101300, WO11101300, WO11086049, WO11060839, WO11032791, WO11020568, WO11009550, WO11009549, WO10142376, WO10118896, WO10118896, WO10118881, WO10118881, WO10115550, WO10115528, WO10091791, WO10091790, WO10091789, WO10086094, US9637382, US9604848, US9598286, US9586823, US9556031, US9540524, US9506194, US9475699, US9422162, US9221685, US9090472, US8679444, US8652375, US7767270, US2013136923, US2012256139, US2011104492, US2011098409, US2010310851, US2009226684, TWI452012, TWI441736, TWI416545, KR20140142838, KR101596088, JP2015123410, JP2014111939, JP2013502361, JP2011047081, EP2810978, EP2810977, EP2740943, EP2650325, EP2562766, EP2479215, EP2439185, EP2426163, EP2287240, EP2284933, EP2241593, EP2239290, EP2213699, DE102014218368, DE102014218367, DE102013214431, DE102013214229, DE102013213273, DE102013210679, DE10201222230, DE102010042209, DE102010008173, DE102009038464, DE102009024340, DE102009016618, DE102009012675, DE102009012674, DE102009012673, DE102008020135, DE102008008837, DE102007058992, CN103958404, CN103958404, CN103578885, CN103578885, CN102770206, CN102471067, CN102395438, CN102020265,

Abstract:

Source: US2009124705A A novel carbon nanotube powder containing carbon nanotubes which have a roll-like structure, also novel carbon nanotubes having a roll-like structure, novel processes for the production of the carbon nanotube powders and of the carbon nanotubes, and their use as an additive or substrate for various applications are described.

PatBase - W009036877_A2

WI 3009036877

- 1/2 -

PCT/EP2008/010128



Fig. 1

5



Fig. 2

10

46) Family number: 23355066 (US2003165342A)

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Title: DEVICE FOR CONTROLLING A COMPUTER SYSTEM
Priority: EP20010960846 20010730 MC20000002453 20000731 WO2001FR02490 20010730
Family:

Publication number	Publication date	Application number	Application date
AT459036 E	20100315	AT20010960846T	20010730
AU2001282244 AA	20020213	AU20010282244	20010730
AU200182244 A5	20020213	AU20010082244	20010730
CN1312565 C	20070425	CN20018015084	20010730
CN1535413 A	20041006	CN20018015084	20010730
CY1110016 T1	20150114	CY20101100409T	20100512
DE60141402 D1	20100408	DE20016041402	20010730
DK1305704 T3	20100607	DK20010960846T	20010730
EP1305704 A2	20030502	EP20010960846	20010730
EP1305704 B1	20100224	EP20010960846	20010730
ES2341941 T3	20100630	ES20010960846T	20010730
FR2813418 A1	20020301	FR20010010184	20010730
FR2813418 B1	20030829	FR20010010184	20010730
MC200048 A	20020702	MC20000002453	20000731
PT1305704 T	20100601	PT20010960846T	20010730
US2003165342 AA	20030904	US20030343041	20030129
US7053798 BB	20060530	US20030343041	20030129
WO0210897 A2	20020207	WO2001FR02490	20010730
WO0210897 A3	20030103	WO2001FR02490	20010730

Probable Assignee: GERARD JEAN PAUL POPINEAU**Assignee(s):**^(std): POPINEAU GERARD ; POPINEAU GERARD JEAN PAUL**Assignee(s):** GERARD JEAN PAUL POPINEAU ; GERARD POPINEAU**Inventor(s):**^(std): POPINEAU GERARD ; POPINEAU GERARD JEAN PAUL**Inventor(s):** GERARD JEAN PAUL POPINEAU ; GERARD POPINEAU**Agent(s):** GERARD POPINEAU

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class
 (IPC 8-9): G06F3/023 G06F3/033 G06F3/038 G06F3/048 G06F3/0489 H04B7/00 (Advanced/Invention)

International class
 (IPC 1-7): G06F3/033 G06K11/00 G06K11/06 G06K11/08 G06K11/18 H04B10/10

CPC: G06F3/038 G06F3/0383 G06F3/04892 G06F2203/0384

European class: G06F3/023A4 G06F3/033D G06F3/033Z9 G06F3/038 G06F3/038E G06F3/0489C S06F203/0384

US class: 341/20 345/157 370/277 370/281 370/431 398/106 398/106S 398/115 398/115S 398/127 398/127P 398/163 398/163S 455/41.2 455/67.11

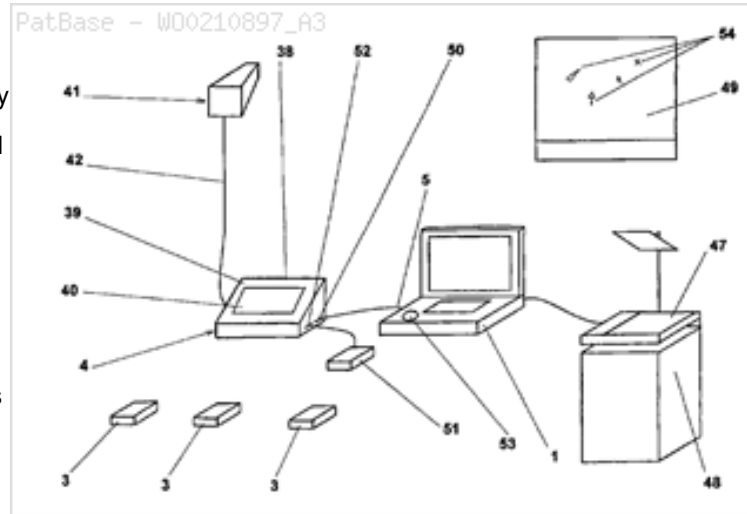
[Classification Explorer](#)

Cited documents: US6782245 BA, US6025942 A, US5900869 A, US5881366 A, US4924216 A, JP9146703 A2, JP8221194 A2, JP10040002, EP0907141 A1,

Forward Citations: WO14096734, US9350466, US9176598, US9048927, US9015798, US8913003, US8907889, US8228293, US8050636, US7949258, US7313640, US7283084, US2014022167, US2013167643, US2013162671, US2013084919, US2011026939, US2009309831, US2008298808, US2008278445, US2007123183, US2007043453, US2006199163, US2006179411, US2006170653, US2006031608, US2005200499, US2005101314, TWI361992, TWI340520, FR3000331, EP2133782, EP2102732, CN103546183, CN103546183, CN102298450, CN102156554, CN102156553,

Abstract:

Source: US2003165342A The invention concerns a computer system (1), preferably of the personal microcomputer type, controlled by a group of users by means of several mouse-type pointing devices (3) without wired connection with the system (1). Each pointing device communicates by infrared with a console (38) connected to the system (1) through a communication port (50). A multifrequency transmission technique and a frequency hopping coding are used. The graphic interface of the system is projected (47, 48) on a large screen (49) for collective visual display. The console (38) comprises a detachable receiver horn (41) which enhances the range, and a set of switches (40) for selecting the mouse or mice controlling one or several cursors (54) of different shape and/or colour. The inventive device is particularly designed for collective initiation to microcomputing and collective training in using software.



47) Family number: 58134309 (US8921473B)

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Title: IMAGE MAKING MEDIUM**Priority:** US20040567022P 20040430 US20050118975 20050428

Family:	Publication number	Publication date	Application number	Application date
	<u>US8921473 BA</u>	20141230	US20050118975	20050428

Probable Assignee: HYMAN SYDNEY**Assignee(s):^(std):** HYMAN SYDNEY**Inventor(s):^(std):** HYMAN SYDNEY**Agent(s):** WINSTON AND STRAWN LLP**International class** C08K3/34 (Advanced/Invention)
(IPC 8-9):**CPC:** B41M5/00 C08K3/04**US class:** 423/445R 524/445 524/495 524/496[Classification Explorer](#)**Cited documents:** WO9116143 A1, US8669325 BA, US6949237 BB, US6248457 BA, US5725990 A, US5674579 A, US5532053 A, US5523167 A, US5512620 A, US5241006 A, US5102597 A, US4935275 A, US4578294 A, US4551493 A, US4320174 A, US3700754 A, US2004217332 AA, US2003008135 AA, GB974111 A, EP0921160 A1, EP0827981 A2, EP0120296 B1,**Forward Citations:** WO16160588, WO16110362, US9640347, US9589697, US9564531, US9453942, US9427941, US9182590, US2016238755, US2016224816, US2016126499, US2016069811, US2016056304, US2015370339, US2015279659, US2015079404, US2014303490, US2014226200, US2014106114, US2013329281, US2011227064, EP3042784,**Abstract:**

Source: US8921473B The invention relates to an image support medium for creation of an aesthetic image that is a work or object for display. This support medium is made from a smart or intelligent material so that the medium provides or enables formation of an image having at least one aesthetic element that can be responsive, interactive, controlled, changed, programmed, and/or modulated. The support medium can further comprise stimuli, triggers or influences that cause the smart or intelligent material to respond to change shape, size, volume, density, light properties, color, appearance, and/or another physical property of the aesthetic element. In a preferred embodiment, the smart or intelligent material is reversibly responsive to the stimuli, triggers or influences.

48) Family number: 47452787 (US2012012162A)

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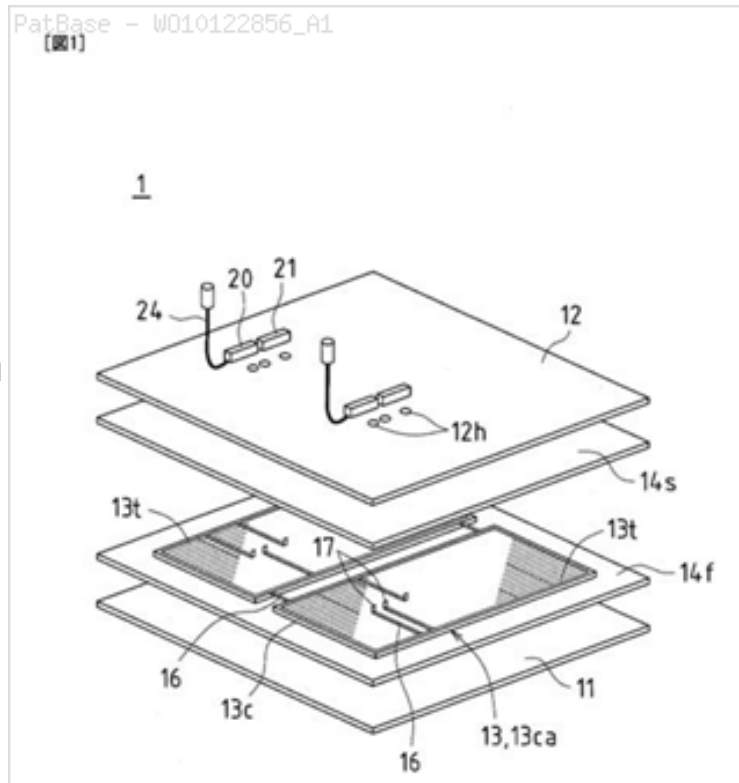
Title: SOLAR BATTERY MODULE AND METHOD FOR MANUFACTURING SOLAR BATTERY MODULE**Priority:** JP20090102276 20090420 JP20110510262 20100315 WO2010JP54298 20100315

Family:	Publication number	Publication date	Application number	Application date
	<u>CN102405532 A</u>	20120404	CN201080017270	20100315
	<u>EP2423972 A1</u>	20120229	EP20100766915	20100315
	<u>JP2010122856 A1</u>	20121025	JP20110510262T	20100315
	<u>JP5591228 B1</u>	20140917	JP20110510262T	20100315
	<u>KR20120010240 A</u>	20120202	KR20117024623	20100315
	<u>US2012012162 AA</u>	20120119	US20100258845	20100315
	<u>WO10122856 A1</u>	20101028	WO2010JP54298	20100315

Probable Assignee: SHARP KK**Assignee(s):^(std):** KOBAYASHI MASAKAZU ; SHARP CORP ; SHARP KK**Assignee(s):** SHARP KABUSHIKI KAISHA**Inventor(s):^(std):** KOBAYASHI MASAKAZU ; MASAKAZU KOBAYASHI**Agent(s):** MUELLER BORE AND PARTNER PATENTANWALTE; ARC PATENT ATTORNEYS OFFICE; ARC PATENT ATTORNEYS OFFICE**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class** H01L31/042 H01L31/048 H01L31/18 H02S40/34 (Advanced/Invention)
(IPC 8-9):**CPC:** H01L31/02013 Y02E10/50 H02S40/34**European class:** H01L31/02E2B3 H01L31/042 H01L31/048 H01L31/05 Y02E10/50**US class:** 136/251 257/E31.001 257/E31.001S 438/64 438/64S[Classification Explorer](#)**Cited documents:** US2009139567 AA, US2008276988 AA, US2008041434 AA, JP2009102276 A2, JP2006190768 A2, JP2006190768, JP2005170740 A2, JP2005170740, JP2005158801 A2, JP2005158801, JP2004327698 A2, JP2004327698, JP2002289895 A2, JP2002289895, JP2002289894 A2, JP2002289894, JP2001339088 A2, JP2001339088, JP2000357812 A2, JP2000357812, JP2000311616 A2, JP2000311616,**Forward Citations:** WO16181525, WO15011341, WO14005802, WO13061757, WO13047468, US9647441, US9202957, US2014326291, TWI562390, JP5702472, JP5632800, JP5512036, JP2015517291, JP2014236143, JP2013061757, JP2013048272, JP2013008867, JP20122013061757, JP2012114638, EP2966774, CN102782871,

Abstract:

Source: US2012012162A A solar battery module (1) serving includes a first plate-like member (11) having translucency and serving as a light receiving face, a second plate-like member (12) having translucency, a solar battery (13), and a translucent sealing resin portion (14) provided for sealing the solar battery (13) between the first plate-like member (11) and the second plate-like member (12). The second plate-like member (12) has a lead-wire lead-out hole (12h) through which a lead wire (17) connected to the solar battery (13) is led out, and the translucent sealing resin portion (14) is formed extending between the lead wire (17) and the lead-wire lead-out hole (12h).



49) Family number: 44446978 (US2011163844A)

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Title: IDENTIFICATION ELEMENT HAVING AN OPTICAL TRANSPONDER**Priority:** DE200810045142 20080901 DE200810050988 20081013 WO2009EP06124 20090824
EP20090778071 20090824 EP20130001577 20090824**Family:**

Publication number	Publication date	Application number	Application date
<u>CN102138290 A</u>	20110727	CN200980134069	20090824
<u>CN102138290 B</u>	20140618	CN200980134069	20090824
<u>DE102008050988 A1</u>	20100304	DE200810050988	20081013
<u>DE502009008873 D1</u>	20140410	DE200950008873T	20090824
<u>DE502009009708 D1</u>	20140904	DE200950009708T	20090824
<u>EP2332269 A2</u>	20110615	EP20090778071	20090824
<u>EP2332269 B1</u>	20140226	EP20090778071	20090824
<u>EP2610821 A1</u>	20130703	EP20130001577	20090824
<u>EP2610821 B1</u>	20140723	EP20130001577	20090824
<u>US2011163844 AA</u>	20110707	US20090061664	20090824
<u>WO10022906 A2</u>	20100304	WO2009EP06124	20090824
<u>WO10022906 A3</u>	20100805	WO2009EP06124	20090824

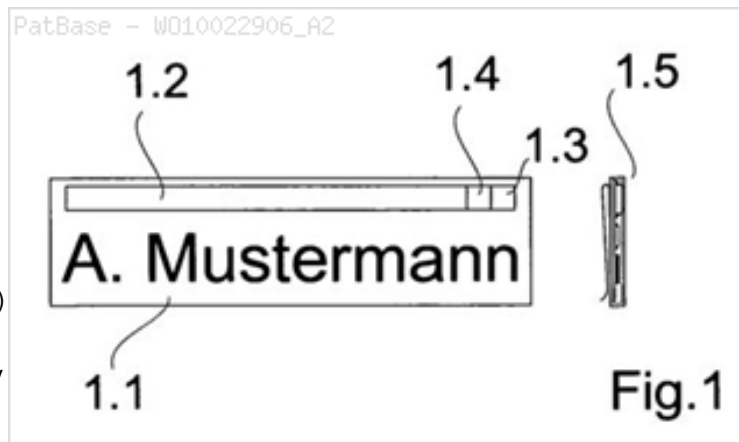
Probable Assignee: REIME GERD**Assignee(s):**^(std): REIME GERD**Inventor(s):**^(std): GERD REIME ; REIME GERD**Agent(s):** RPK PATENTANWALTE REINHARDT POHLMANN U KAUFMANN PARTNERSCHAFT
MBB; REINHARDT HARRY; REINHARDT HARRY ET AL**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI
CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH
GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC
LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE
NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST
SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW**International class**
(IPC 8-9): G06F7/04 G06K19/08 G07C9/00 H04B10/10 H04B10/11 H04B10/114 (Advanced/Invention);
G06K19/08 G07C9/00 H04B10/10 (Core/Invention)**CPC:** G06K19/0728 G06K19/0723 G07C9/00007 G07C9/00309 G07C2009/00785
H04B10/1143**European class:** G06K19/07T G06K19/07T9 G07C9/00B H04B10/1143 S07C9/00E14C4 S07C9/00E4**US class:** 340/10.42 340/10.420S 340/5.8 340/5.800P[Classification Explorer](#)**Cited documents:** WO03019502 A1, US7893816 BA, US7176948 BB, US6812884 BB, US6353776 BA,
US5889583 A, US5860015 A, US5633742 A, US5241161 A, US5216622 A, US4189712
A, US4072943 A, US2010159842 AA, US2009214225 AA, US2009112197 AA,
US2008204322 AA, US2007236384 AA, US2007232592 AA, US2007132592 AA,
US2007110126 AA, US2007035381 AA, US2006256070 AA, US2006220857 AA,
US2005258939 AA, US2005040241 AA, US2003200227 AA, US2003195969 AA,
US2003030386 AA, EP1804220 A1, EP1229672 B1, EP1229672 A2, EP1107161 A2,

DE102005062632 A1**Forward Citations:** EP3029906, CN102479398,

Abstract:

Source: US2011163844A An identification element has a transponder with a data-emitting transmission unit and with a data-receiving reception unit in order to communicate with a device for registering and/or controlling access authorization to spaces or objects. In addition, a control circuit is provided for the transmission unit and reception unit. The transponder is an optical transponder (1.1), the transmission unit of which is a light-emitting transmission unit (1.3) and the reception unit of which is a light-receiving reception unit (1.4). The optical transponder and an autonomous power supply are integrated into the identification element.

The identification element is in the shape of a name plate or of an identification element of comparable size which is assigned to an object or body or is to be supported thereon. By virtue of the fact that the transmission unit (1.3) of the optical transponder (1.1) is operated by the control circuit (2.5) in such a way that it transmits optical pulses of less than or equal to 100 nanoseconds repeatedly per second and that the identification element is batteryless, a very small optical transponder is provided which requires little energy and no batteries.



50) Family number: 57177519 (DE202013101468U1)

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Title: TRANSPARENTER KOERPER TRANSPARENT BODY (Machine translation)**Priority:** DE201320101468U 20130407**Family:**

Publication number	Publication date	Application number	Application date
<u>DE202013101468 U1</u>	20140814	DE201320101468U	20130407

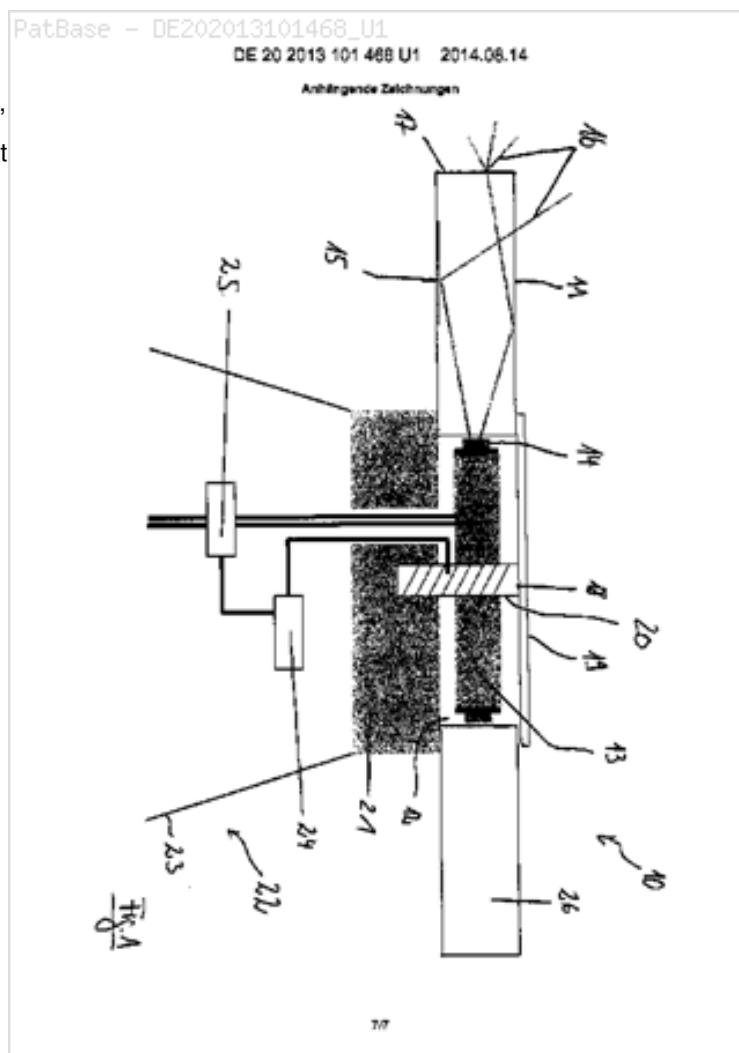
Probable Assignee: DOCSTONE GMBH I G**Assignee(s):**^(std): DOCSTONE GMBH I G

International class A47B96/00 F21S9/00 F21V14/08 F21V21/00 F21V23/04 F21V33/00
 (IPC 8-9): F21W131/301 (Advanced/Invention);
F21W131/301 (Advanced/Non-invention)

CPC: F21S9/02 F21S9/03 F21V23/0442 F21V23/045 F21V23/0464 F21V23/0485 F21V33/0012
F21Y2105/00 A47B96/00 A47B97/00 A47B2220/0077 F21Y2103/33 F21Y2115/15
F21Y2115/10

[Classification Explorer](#)**Abstract:**

Source: DE202013101468U1 Transparenter Koerper mit wenigstens einer integrierten Beleuchtungseinheit, dadurch gekennzeichnet, dass die Beleuchtungseinheit (13) ganz oder teilweise im transparenten Koerper angeordnet ist und wenigstens ein Leuchtmittel aufweist, das Licht (16) in Richtung wenigstens einer Aussenkante (17) des transparenten Koerpers abstrahlt. Transparent body having at least one integrated lighting unit, characterized in that the illumination unit (13) is disposed wholly or partially in the transparent body and has at least one illuminant, the light (16) towards at least one outer edge (17) of said transparent body radiates.



0) US2004149325A – UMBRELLA APPARATUS

51) Family number: 29026402 (US2004149325A)

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Title: UMBRELLA APPARATUS

Priority: US20010267018P 20010207 US20010335933P 20011102 US20020068424 20020207
US20030650537 20030828 US20050199956 20050809 US20040829790 20040422
US20080240845 20080929 US20060342745 20060130 US20020287335 20021101
US20080255255 20081021 US20110311887 20111206 US20120607911 20120910

Family:

Publication number	Publication date	Application number	Application date
US2004149325 AA	20040805	US20030650537	20030828
US2006005869 AA	20060112	US20050199956	20050809
US2006120067 AA	20060608	US20060342745	20060130
US2009056775 AA	20090305	US20080255255	20081021
US2009090404 AA	20090409	US20080240845	20080929
US2012073616 AA	20120329	US20110311887	20111206
US2012325278 AA	20121227	US20120607911	20120910
US6612713 BA	20030902	US20020068424	20020207
US6612713 C1	20130923	US20020068424	20020207
US7021787 BA	20060404	US20020287335	20021101
US7753546 BB	20100713	US20080255255	20081021
US8069868 BB	20111206	US20080240845	20080929
US8375966 BB	20130219	US20110311887	20111206
US8727555 BB	20140520	US20050199956	20050809
US8794781 BB	20140805	US20030650537	20030828

Probable Assignee: WORLD FACTORY INC

Assignee(s):^(std): KUELBS GREGORY G ; WORLD FACTORY INC

Assignee(s): KUELBS JOHN A ; LAKESOUTH HOLDINGS LLC

Inventor(s):^(std): KUELBS GREGORY G

Inventor(s): KUELBS GREGORY

Agent(s): WORLD FACTORY INC C O LAW OFFICES OF JAMES E WALTON PLLC; LAW OFFICES OF JAMES E WALTON PLLC; JAMES E

International class
(IPC 8-9): [A45B11/00](#) [A45B17/00](#) [A45B23/00](#) [A45B25/14](#) [A45B3/00](#) [A45B3/02](#) [A45B3/04](#) [F21V33/00](#)
[F24F5/00](#) (Advanced/Invention);
[F21S9/03](#) (Advanced/Non-invention);
[A45B11/00](#) [A45B17/00](#) [A45B23/00](#) [A45B25/00](#) [A45B3/00](#) [F21V33/00](#)
[F24F5/00](#) (Core/Invention);
[F21S9/00](#) (Core/Non-invention)

International class
(IPC 1-7): [A45B11/00](#) [A45B17/00](#) [A45B23/00](#) [A45B25/00](#)

CPC: [F21V21/0824](#) [F21S2/00](#) [F21S9/032](#) [F21W2131/10](#) [F21W2131/109](#) [Y02B20/72](#)
[A45B2025/146](#) [A45B2200/1018](#) [A45B3/00](#) [A45B3/04](#) [A45B25/143](#) [A45B2023/0012](#)
[A45B2200/1027](#) [A45B2200/1036](#) [A45B2200/1045](#) [F21S9/03](#) [F21V33/006](#) [F21V33/0096](#)
[F24F5/0035](#) [F24F5/0046](#) [Y02B10/10](#) [Y02B10/20](#) [Y02B10/24](#) [F24F5/00](#) [F21Y2115/10](#)
[A45B25/14](#)

European class: [A45B25/14](#) [A45B25/14A](#) [A45B3/00](#) [A45B3/04](#) [F21S9/03I](#) [F21V21/08S](#) [F21V33/00B](#)
[F21V33/00F4](#) [F24F5/00C7](#) [F24F5/00F](#) [K45B200/10B2](#) [K45B200/10B4](#) [K45B200/10B6](#)
[K45B200/10B8](#) [K45B23/00B](#) [K45B25/14C](#) [R21S9/03](#) [R21W131/10](#) [R21W131/109](#)
[R21Y101/02](#) [Y02B10/10](#) [Y02B10/20](#) [Y02B10/24](#) [Y02B20/72](#) [Y02B30/14](#) [Y02B30/54D](#)

US class: [135/15.1](#) [135/16](#) [135/16P](#) [135/20.3](#) [135/20.300P](#) [362/102](#) [362/129](#) [362/129P](#) [362/159](#)
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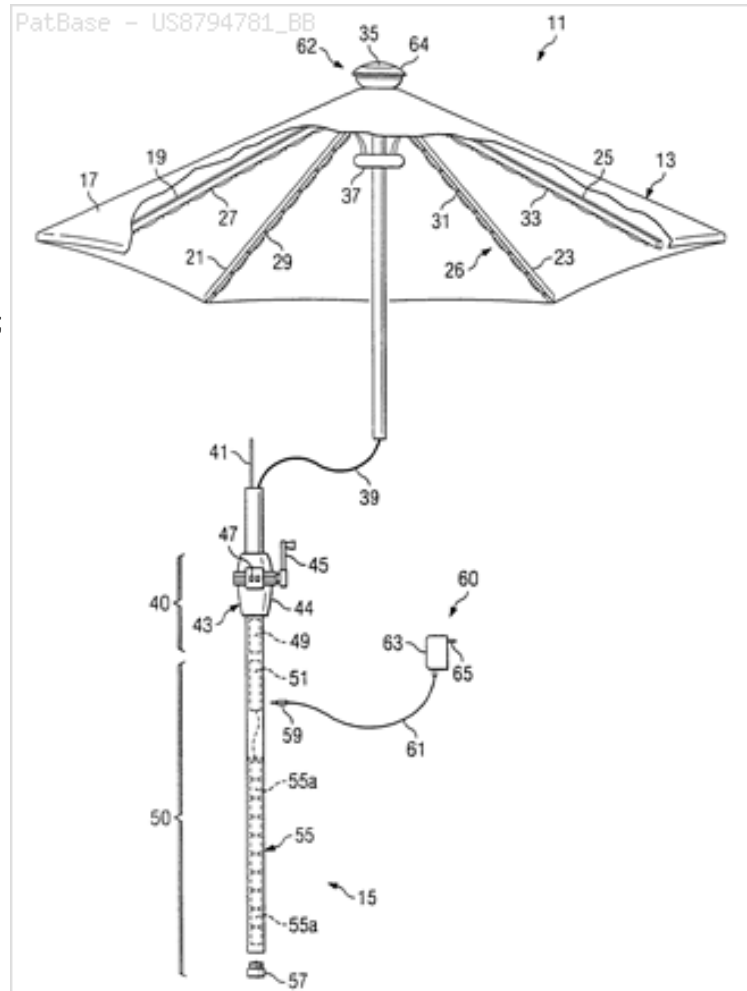
[Classification Explorer](#)

Cited documents: WO9300840 A1, US8375966 BB, US8069868 BB, US7753546 BB, US7188633 BB, US7134762 BB, US7125133 BB, US7111954 BA, US7108388 BB, US7100624 BB, US7063433 BB, US7051744 BB, US6923194 BB, US6851823 BB, US6840657 BB, US6729742 BB, US6666224 BB, US6612713 BA, US6598990 BB, US6499856 BB, US6439249 BA, US6406163 BA, US6341873 BA, US6299325 BA, US6298866 BA, US6290367 BA, US6280874 BA, US6270230 BA, US6196242 BA, US6182917 BA, US6126293 A, US6089727 A, US6058951 A, US6018231 A, US6017188 A, US5957717 A, US5954417 A, US5937882 A, US5911493 A, US5819455 A, US5811614 A, US5758948 A, US5735492 A, US5692454 A, US5664874 A, US5611614 A, US5584564 A, US5564816 A, US5502624 A, US5463536 A, US5398162 A, US5396162 A, US5373287 A, US5367442 A, US5349975 A, US5329716 A, US5315776 A, US5273062 A, US5217296 A, US5172711 A, US5141010 A, US5126922 A, US5116258 A, US5055984 A, US5053931 A, US4999060 A, US4943182 A, US4920897 A, US4893356 A, US4841416 A, US4692680 A, US4540929 A, US4346608 A, US4346606 A, US3878387 A, US3801809 A, US3129715 A, US3086307 A, US2960094 A, US290094 A, US2863466 A, US2663466 A, US2012325278 AA, US2007242450 AA, US2007211450 AA, US2007133191 AA, US2007127231 AA, US2007074751 AA, US2007058360 AA, US2007056617 AA, US2006266398 AA, US2006254636 AA, US2006249188 AA, US2006005869 AA, US2006005867 AA, US2005072451 AA, US2004149325 AA, US2004031510 AA, US2003000557 AA, US2002078985 AA, JP9168415 A2, JP9163479 A2, FR9200638, FR2686257 A1,

Forward Citations: WO17049424, WO17003345, WO16175725, WO15191075, WO15028776, WO11084586, WO08039976, WO06080901, WO06061029, WO05087036, WO04110305, WO04103113, WO04078419, WO04078419, USD775461, USD771935, USD768978, USD759283, USD758632, USD755109, USD696741, USD691313, USD690412, USD683810, USD677356, USD677355, USD675703, USD672424, USD672423, USD657087, USD638159, USD533298, USD521229, USD517483, USD517482, USD517481, USD508896, US9645611, US9553481, US9550453, US9540840, US9526306, US9470413, US9445904, US9445903, US9410666, US9390639, US9346397, US9273841, US9265312, US9262949, US9237634, US9206952, US9185988, US9175821, US9157591, US9150283, US9146009, US9138595, US9113684, US9093583, US9091416, US9072349, US9030829, US9010346, US9002313, US8960625, US8950913, US8925235, US8919722, US8919361, US8827512, US8794781, US8748024, US8727555, US8695614, US8657246, US8632234, US8632045, US8618691, US8608332, US8602585, US8585238, US8534867, US8514094, US8506127, US8497656, US8454201, US8419559, US8414155, US8393341, US8382317, US8382309, US8376582, US8375966, US8358101, US8348453, US8337034, US8317365, US8317355, US8308810, US8303145, US8297294, US8292461, US8256916, US8213201, US8157406, US8123815, US8123378, US8104491, US8089370, US8040078, US8038330, US8015988, US7985004, US7972036, US7891633, US7824061, US7789459, US7775691, US7753546, US7695153, US7666483, US7661838, US7614600, US7604015, US7562667, US7533679, US7431470, US7431469, US7420119, US7412984, US7387409, US7361039, US7331684, US7322714, US7249863, US7192058, US7188633, US7128076, US7125133, US7125133, US7111954, US7108388, US7100624, US7090367, US7021787, US7017598, US7013903, US7000624, US6966667, US6956493, US6923194, US6851823, US6837255, US6820995, US6814461, US2016338457, US2015354768, US2015211694, US2015136944, US2014313703, US2014239717, US2014177211, US2014111948, US2014076378, US2014048110, US2013335953, US2013047489, US2012212048, US2012201041, US2012152292, US2012091900, US2012058834, US2012057332, US2011277748, US2011242823, US2011205730, US2011146943, US2011146542, US2011146319, US2011139175, US2011044033, US2011032695, US2011011999, US2011001455, US2010328962, US2010307547, US2010296264, US2010154786, US2010110681, US2009322495, US2009310393, US2009283606, US2009207597, US2009196020, US2009136831, US2009120476, US2009071516, US2009061957, US2009048911, US2009040749, US2008271768, US2008266846, US2008235086, US2008212310, US2008211412, US2008179426, US2008173341, US2008158866, US2008158865, US2008151545, US2008105287, US2008092936, US2008066747, US2008006312, US2007293069, US2007285912, US2007283987, US2007247838, US2007204551, US2007189002, US2007127231, US2007123115, US2007120354, US2007074750, US2007062572, US2007056617, US2007041179, US2006277823, US2006272686, US2006266398, US2006254636, US2006249188, US2006207637, US2006163866, US2006130727, US2006120067, US2006112981, US2006042293, US2006009822, US2006005869, US2005254228, US2005168977, US2005161066, US2005155636, US2005146876, US2005133090, US2005133077, US2005121063, US2005103371, US2005072451, US2005052581, US2005013130, US2005007761, US2004249423, US2004228118, US2004227220, US2004226592, US2004221883, US2004212997, US2004184261, US2004174699, US2004149325, US2004134526, US2004100791, US2004095749, US2004040591, US2004031513, US2004031510, US2003192579, TW479108, RU169851, ITVA20130052, ITRN20100014, GB2425825, GB2425825, EP3135149, EP2878014, EP2356371, EP2356371, EA10461, EA10461,

Abstract:

Source: US2004149325A A lawn or patio umbrella with an integral lighting system that utilizes cold cathode ray tubes, light emitting diodes (LED's), or florescent lights, to provide relatively bright outdoor light for reading and other activities that require relatively high light intensities is provided. In one embodiment, a modular, electrically powered lawn or patio umbrella in which lighting systems, such as those utilizing cold cathode tubes, LED's, or florescent lights; cooling systems, such as those utilizing electric fans or misting systems; and motorized retraction systems; can be selectively interchanged is provided.



Title: INTELLIGENT LAMP FOR WEARING SHOES**Priority:** CN201420069831U 20140218**Family:**

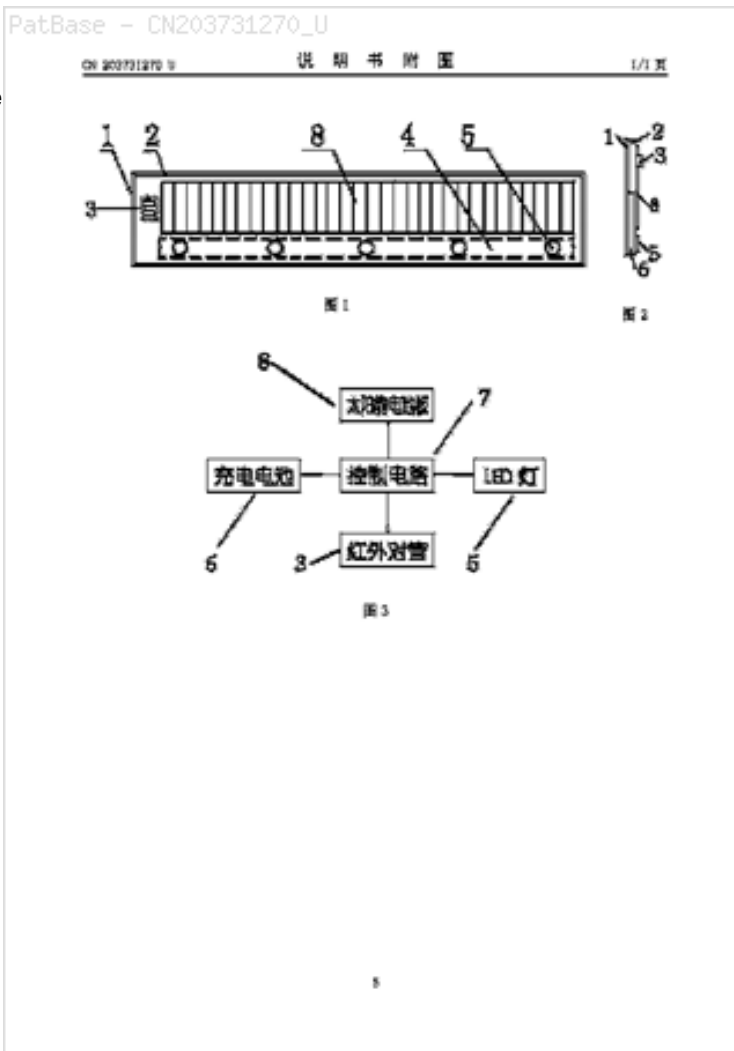
Publication number	Publication date	Application number	Application date
<u>CN203731270 U</u>	20140723	CN201420069831U	20140218

Probable Assignee: LIN LITIAN**Assignee(s):^(std):** LIN LITIAN**Assignee(s):** BRISTLY DAYS**Inventor(s):^(std):** LINLITIAN

International class F21S9/03 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21Y101/02 (Advanced/Non-invention)

[Classification Explorer](#)**Abstract:**

Source: CN203731270U The utility model provides an intelligent lamp for wearing shoes. The intelligent lamp is pasted to an appropriate position on the lower part of a bed body. The intelligent lamp comprises a flat shell, wherein one side of the shell is provided with a gum layer while the other side of the shell is provided with a lamp band, infrared generate transistors and a solar cell panel; a rechargeable battery and a control circuit are arranged in the shell. When people move in front of the intelligent lamp, signals sent by the infrared generate transistors are reflected, the reflected signals enter into the control circuit, and the controller judges whether it is daytime or night according to the voltage change across the two ends of the solar cell panel. At daytime, an LED lamp is not lighted. At night, the LED lamp is lighted, and the position of the shoes is easy to find; the control circuit can be set according to requirements to control the lighted time of the LED lamp. When the intelligent lamp is used for wearing the shoes at night, the lamp is not dazzling and is simple to mount, convenient, practical, environmental-friendly and energy-saving.



53) Family number: 56828131 (WO14102797A1)

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Title: DISTRIBUTED BUSINESS INTELLIGENCE SYSTEM AND METHOD OF OPERATION THEREOF**Priority:** US20120747314P 20121230

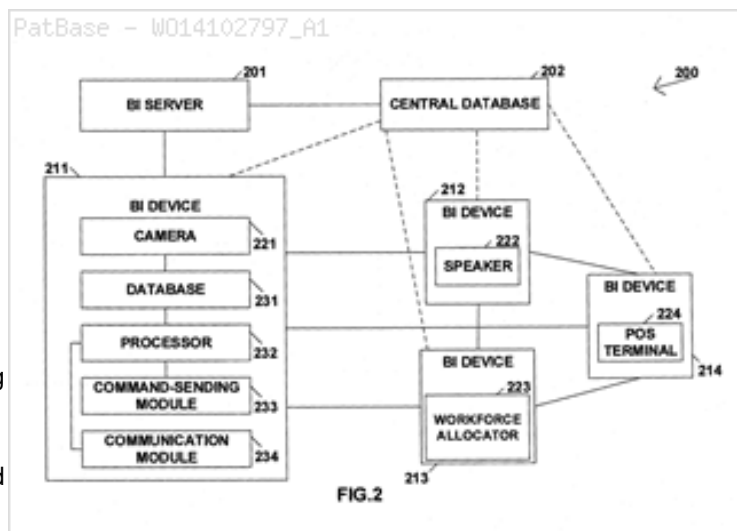
Family:	Publication number	Publication date	Application number	Application date
	WO14102797 A1	20140703	WO2013IL51080	20131230

Probable Assignee: WISEYE VIDEO SYSTEM LTD**Assignee(s):^(std):** WISEYE VIDEO SYSTEM LTD**Inventor(s):^(std):** NAKDIMON SHALOM**Agent(s):** SHEM TOV DORIT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class G06Q10/06 G08B13/196 (Advanced/Invention)
(IPC 8-9).**CPC:** G07C2011/04 G07C11/00[Classification Explorer](#)**Cited documents:** WO06087730 A1, US5097328 A, US2008249859 AA, US2007279214 AA,**Forward Citations:** WO16187648, WO16183302,**Abstract:**

A distributed Business Intelligence (BI) system and method in a store is disclosed. The system includes multiple BI devices interconnected over one or more networks. Each BI device includes a sensor for capturing data, and a BI insight is generated based on analysis of the captured data, such as counting people in a queue at the Point-of-Sale (PoS). The BI insight triggers a BI command sent to a BI device having an actuator, for generating an action in response to the BI command. The sensor may be a microphone or a video camera, and the system may include voice or image processing (such as video analytics) for generating the BI insight. A redundancy may be used by using multiple sensors or actuators, or by using multiple data paths. The network may be wired or wireless, and may be BAN, PAN, LAN, or WAN.



0) US2001032666A – INTEGRATED CAPACITOR–LIKE BATTERY AND ASSOCIATE...

54) Family number: 42142398 (US2001032666A)

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Title: INTEGRATED CAPACITOR–LIKE BATTERY AND ASSOCIATED METHOD

Priority: US20000191774P 20000324 US20000225134P 20000814 US20010815621 20010323
 US20010815884 20010323 US20000238673P 20001006 US20000255134P 20000814
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Family:

Publication number	Publication date	Application number	Application date
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DE60126779 T2	20071213	DE20016026779T	20010323
DE60135100 D1	20080911	DE20016035100	20010323
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EP1275168 A2	20030115	EP20010920727	20010323
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EP1305838 B8	20071003	EP20010920757	20010323
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<u>US2005045223 AA</u>	20050303	US20030693817	20031023
<u>US2006019157 AA</u>	20060126	US20050232302	20050920
<u>US2006021214 AA</u>	20060202	US20050233157	20050921
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<u>US2007243459 AA</u>	20071018	US20070692176	20070327
<u>US2009068556 AA</u>	20090312	US20080196265	20080821
<u>US2011097609 AA</u>	20110428	US20100979277	20101227
<u>US2011300413 AA</u>	20111208	US20110013804	20110125
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<u>US6924164 BB</u>	20050802	US20040813321	20040329
<u>US6962613 BB</u>	20051108	US20010815919	20010323
<u>US6986965 BB</u>	20060117	US20010816602	20010323
<u>US7131189 BB</u>	20061107	US20010816603	20010323
<u>US7144655 BB</u>	20061205	US20050255648	20051020
<u>US7157187 BB</u>	20070102	US20050232302	20050920
<u>US7194801 BB</u>	20070327	US20010815983	20010323
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Agent(s): PREUSS UDO; LEMAIRE PATENT LAW FIRM PLLC; LEMAIRE CHARLES A; CHARLES A; JONATHAN M

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class
(IPC 8-9): A61N1/378 B05C11/00 B05D5/12 B23P17/00 B23P19/00 C23C14/00 C23C14/06 C23C14/08 C23C14/48 C23C16/00 C23C16/04 H01G9/00 H01G9/02 H01G9/025 H01G9/038 H01G9/155 H01L21/00 H01L21/302 H01L21/461 H01L21/50 H01L23/48 H01L23/58 H01L31/00 H01L31/072 H01L31/073 H01L31/18 H01M10/00 H01M10/02 H01M10/04 H01M10/0562 H01M10/0585 H01M10/14 H01M10/36 H01M10/38 H01M10/42 H01M10/46 H01M14/00 H01M16/00 H01M2/00 H01M2/02 H01M2/10 H01M4/04 H01M4/1391 H01M4/48 H01M4/58 H01M4/88 H01M4/90 H01M6/00 H01M6/12 H01M6/14 H01M6/18 H01M6/40 H01M6/46 H02J7/00 H04B1/38 H04M1/00 H04M1/02 H05K1/18 H05K7/06 (Advanced/Invention); A61N1/372 G02F1/133 H01M10/38 H01M10/44 H01M2/02 H01M2/14 H01M2/20 H01M4/02 H01M4/1393 H01M4/1397 H01M4/40 H01M4/52 H01M4/58 H01M6/42 H01M8/10 H01M8/12 H05K1/16 (Advanced/Non-invention); H01M4/04 H01M4/88 (Core/Invention); H01M4/02 (Core/Non-invention)

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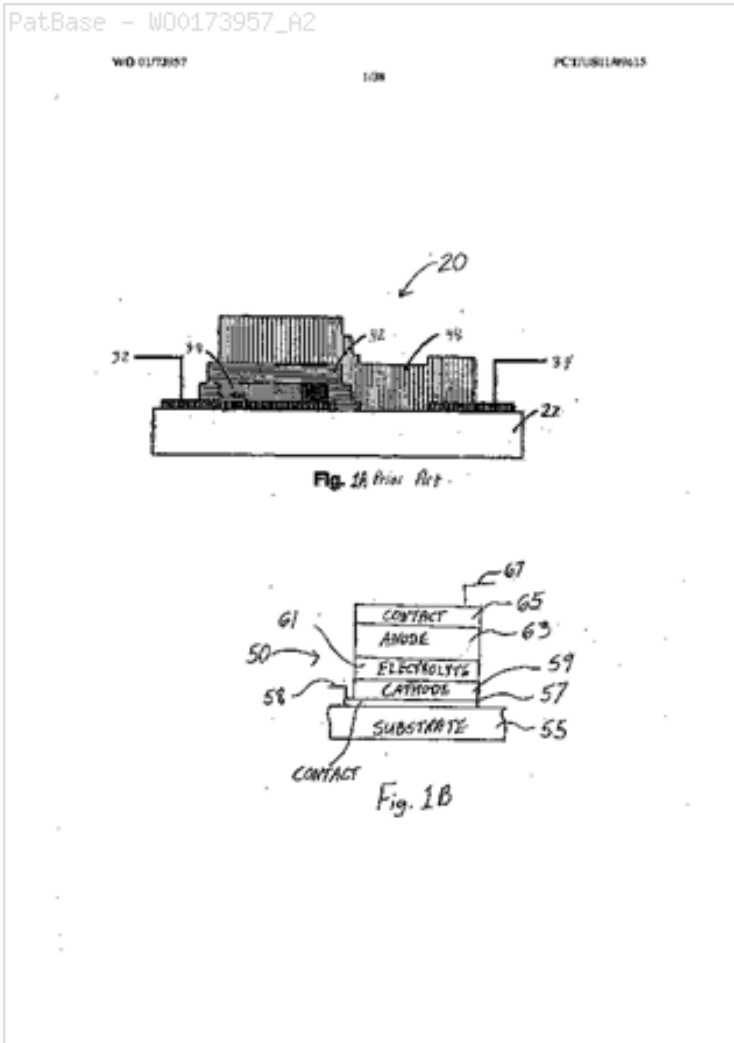
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TWI425704, TWI396315, TWI382572, TWI339906, KR20100083172, KR101610572, KR101587954, KR101263174, KR101167338, JP5540437, JP2011516145, JP2011142083, JP2010518578, JP2009530776, GB2493022, GB2493022, FR2976733, FR2956926, FR2901639, FR2874128, EP2973762, EP2953161, EP2755267, EP2680338, EP2680338, EP2660922, EP2422841, EP2419956, EP2419956, EP2363167, EP2343767, EP2288740, EP2288740, EP2264647, EP2264646, EP2234040, EP2081245, EP2058026, EP2033247, EP2033247, EP2000173, EP1961057, EP1916012, EP1900845, EP1862196, EP1860722, EP1860722, EP1825545, EP1825545, EP1811677, EP1665425, EP1513685, EP1389035, EP1326302, DE10331885, DE102015109994, DE102015109992, DE102015109991, DE102014117640, DE102014117632, DE102014113030, DE102013100084, DE102008004308, DE102007001222, CN104241716, CN104064612, CN103119615, CN102812579, CN102598173, CN102549817, CN102549817, CN102117929, CN102035030, CN102035030, CN102035029, CN102035029,

Abstract:

Source: US2001032666A A method and system for fabricating solid-state energy-storage and energy-conversion devices including fabrication of films for devices without an anneal step, especially for the fabrication of supercapacitors and photovoltaic cells. A film is fabricated by depositing a first material layer to a location. Energy is supplied directly to the material forming the film. The energy can be in the form of energized ions of a second material. Supplying energy directly to the material and/or the film being deposited assists the growth of the crystalline structure of the film and controls stoichiometry.



55) Family number: 44166522 (US2011086280A)

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Title: SYSTEMS FOR THE ON-DEMAND PRODUCTION OF POWER AS A SOLE SOURCE OR AIDING OTHER POWER SOURCES, IN THE TRANSPORTATION AND HOUSING FIELD.

Priority: FR20080003019 20080602 FR20080004598 20080814 FR20080006820 20081205
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Family:

Publication number	Publication date	Application number	Application date
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Probable Assignee: ALEX HR ROUSTAEI

Assignee(s)^(std): AZRIA MARIE CHRISTINE ; DJEMAI ABDELMADJID ; ROUSTAEI ALEX HR ; ROUSTAEI ALEX

Assignee(s): MARIE CHRISTINE AZRIA ; ALEX HR ROUSTAEI ; ALEX ROUSTAEI

Inventor(s):^(std): AZRIA MARIE CHRISTINE ; DJEMAI ABDELMADJID ; ROUSTAEI ALEX ; ROUSTAEI ALEX HR

Inventor(s): MARIE CHRISTINE AZRIA ; ABDELMADJID DJEMAI ; ALEX HR ROUSTAEI ; ALEX ROUSTAEI

Agent(s): ALEX ROUSTAEI; ALEX HR ROUSTAEI; JURISPATENT PARIS; ROUSTAEI ALEX HR

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

**International class
(IPC 8-9):** A47G11/00 B01D29/00 B01D69/00 B01J19/00 B60L11/18 B82B3/00 C01B3/06 C01B3/10 C01B3/22 C23C14/48 C23C14/56 C23C16/04 C23C16/40 C23C16/44 C23C16/442 C25B1/02 C25B1/04 C25B15/00 C25B15/02 C25B15/08 C25B9/00 C25B9/16 H01L31/032 H01L31/042 H01L31/058 H01M16/00 H01M2/14 H01M4/00 H01M4/04 H01M8/00 H01M8/02 H01M8/04 H01M8/06 (Advanced/Invention); B82Y30/00 B82Y99/00 (Advanced/Non-Invention); A47G11/00 B01D29/00 B01D69/00 B60L11/18 B82B3/00 C01B3/00 C23C14/48 C23C16/04 C23C16/40 C23C16/44 C23C16/442 C25B1/00 C25B15/00 C25B9/16 H01L31/0264 H01L31/042 H01L31/058 H01M2/14 H01M4/00 H01M4/04 H01M8/00 H01M8/02 H01M8/04 H01M8/06 (Core/Invention)

CPC: C25B9/162 H01M16/006 C25B1/02 A47G11/006 C25B13/00 Y02B90/18 H01M8/065 C01B3/065 H01M8/0662 H01M16/00 H01M2250/30 Y02B10/20 Y02B10/70 Y02E10/60 Y02E60/362 H01M4/385 H01M4/926 B82Y30/00 C01B3/501 C01B2203/041 C01B2203/066 C23C16/45544 C23C16/45546 H01L31/0322 H01L31/0352 H01L31/035281 H01L31/03685 H01L31/03762 H01L31/0392 H01L31/0749 Y02E10/541 C23C16/045 C23C16/405 C23C16/442 H01M4/0428 H01M4/8867 H02S40/44 H02S99/00 Y02P20/134 C25B1/04 B60L11/1881 B60L11/1892 B60L11/1894 B60L2240/525 B60L2240/622 B60L2260/54 C25B15/02 C25B15/08 H01M4/90 H01M8/0656 Y02E60/366 Y02E70/10 Y02T10/7291 Y02T90/16 Y02T90/162 Y02T90/34 C01B6/00 C25B9/16 H01L31/03925 H01L31/03928

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US class: 204/230.2 204/230.200S 204/242 204/242S 204/267 204/275.1 204/275.100S 422/239 422/239S 429/410 429/410S 429/421 429/421S 429/422 429/422P 429/427 429/427S 429/9 429/9P 977/700 977/700S 977/742 977/742S

[Classification Explorer](#)

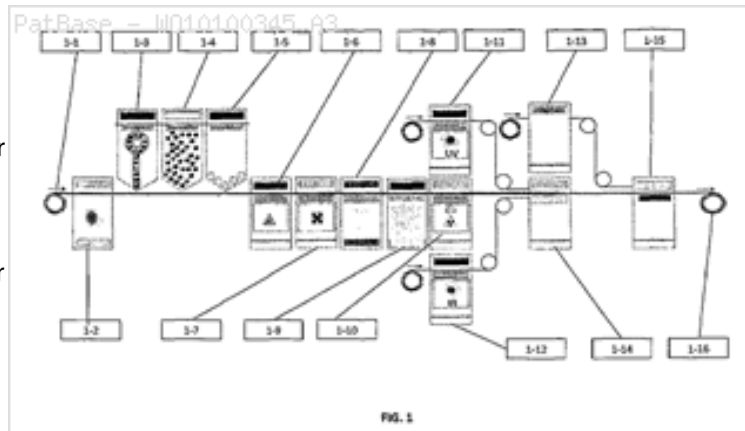
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Forward Citations: WO15010895, WO13177700, WO13054053, WO13053858, WO13010922, WO11131868, WO10063908, WO10063908, WO10063907, WO10063907, US9508944, US9493718, US9139908, US8688318, US2015361569, US2013014728, US2011061376, FR2981369, FR2981368, FR2978299, FR2959245, EP2695855, CN105518113, CN104152964, CN104024479, CN103987878, CN103814446, CN103741109, CN103358914,

Abstract:

Source: US2011086280A The system of the invention is a very efficient means for the on-demand production of hydrogen for aid, power, and electricity, operated by a control system with a modular, smart, and high-power efficiency arrangement using nanotechnology. A vast number of selections are provided for the user to obtain power production when needed or furthermore with variable delivery. Respecting cleanliness, environmental, and air pollution reduction constraints, the system is devised for use in the areas of housing, transportation, or more generally, any industry producing electricity or heat particularly by hydrocarbon means, or furthermore any environment requiring power for stationary or mobile operation.



Title: SOLAR SHOE-WEARING NIGHT LAMP**Priority:** CN201410052235 20140217

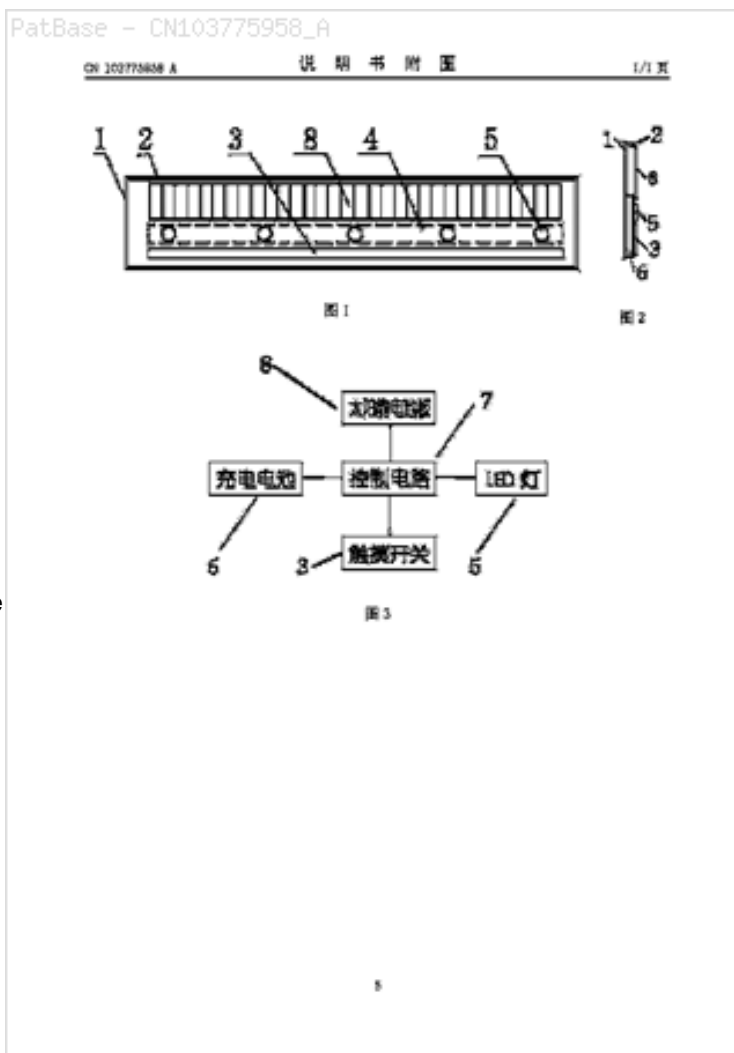
Family:	Publication number	Publication date	Application number	Application date
	CN103775958 A	20140507	CN201410052235	20140217

Probable Assignee: LIN LITIAN**Assignee(s):**^(std): LIN LITIAN**Inventor(s):**^(std): LINLITIAN

International class F21S9/03 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21Y101/02 F21Y115/10 (Advanced/Non-invention)

[Classification Explorer](#)**Abstract:**

Source: CN103775958A The invention provides a solar shoe-wearing night lamp which is convenient for shoe wearing at night and is pasted in a proper position at the lower part of a bed body. The solar night lamp comprises a flat housing, wherein a back glue layer is arranged on one surface of the housing; a lamp band, a touch switch and a solar cell panel are arranged on the other surface of the housing; a chargeable battery and a control circuit are arranged in the housing. When the heel makes contact with the touch switch, the control circuit is used for determining whether the time is daytime or nighttime according to the voltage change at the two ends of the solar cell panel; in the daytime, the LED lamp is not turned on; in the nighttime, the LED lamp is turned on, so that the position of a pair of shoes can be very easily found; the control circuit can be arranged to control the turn-on time of the LED lamp according to the need. Due to the use of the solar night lamp, the eyes cannot be dazzled when the shoes are worn at night. In addition, the solar night lamp is easy to mount, convenient, practical, environment-friendly and energy-saving.



57) Family number: 56310408 (CN103759212A)

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Title: INTELLIGENT LAMP ENABLING SHOES TO BE WORN CONVENIENTLY**Priority:** CN201410054528 20140218**Family:**

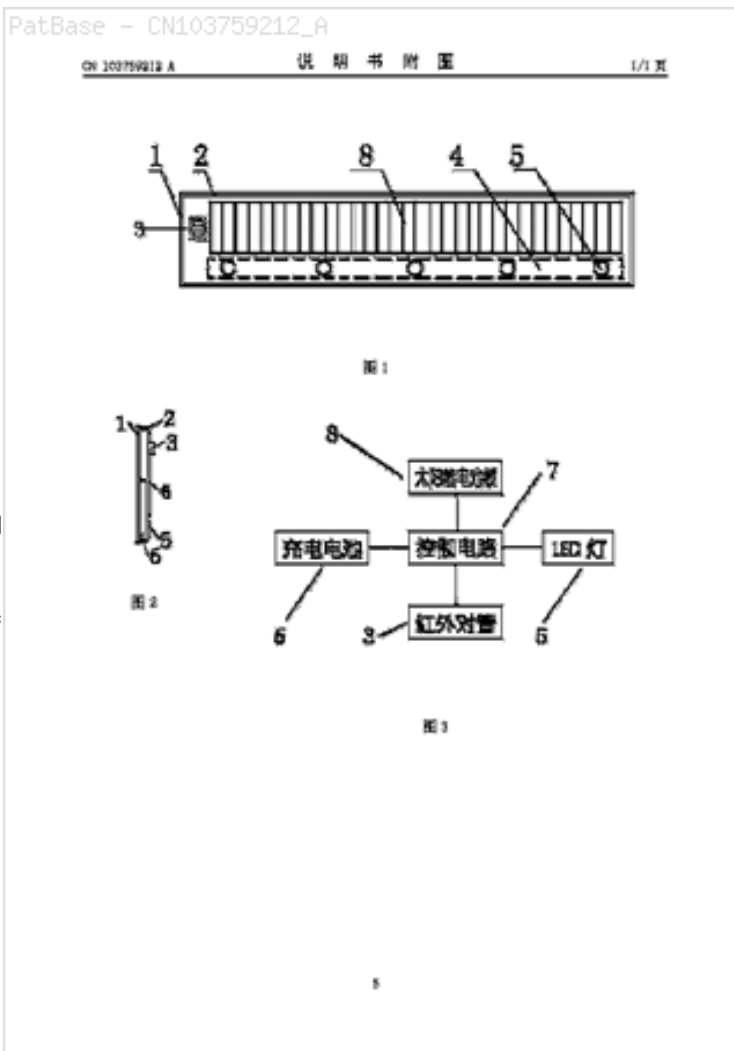
Publication number	Publication date	Application number	Application date
<u>CN103759212 A</u>	20140430	CN201410054528	20140218

Probable Assignee: LIN LITIAN**Assignee(s):**^(std): LIN LITIAN**Inventor(s):**^(std): LINLITIAN

International class F21S9/03 F21V23/04 (Advanced/Invention);
 (IPC 8-9): F21Y101/02 F21Y103/10 F21Y115/10 (Advanced/Non-invention)

[Classification Explorer](#)**Abstract:**

Source: CN103759212A The invention provides an intelligent lamp enabling shoes to be worn conveniently at night. The intelligent lamp is pasted to the appropriate position on the lower portion of a bed body. The intelligent lamp comprises a flat shell. One face of the shell is provided with a gum layer, the other face of the shell is provided with a lamp band, infrared geminate transistors and a solar cell panel, and a rechargeable battery and a control circuit are arranged in the shell. When people move before the intelligent lamp, signals sent by the infrared geminate transistors are reflected, the reflected signals enter the control circuit, and the controller judges whether it is daytime or night according to the voltage across the two ends of the solar cell panel. At daytime, an LED lamp is not lighted. At night, the LED lamp is lighted, the position of the shoes is easy to find, the control circuit can be arranged according to the requirement, and lighted time of the LED lamp is controlled. When the intelligent lamp is used and people wear the shoes at night, the light of the lamp is not dazzling and the intelligent lamp is simple in installation, convenient to use, practical, environmentally friendly and capable of saving energy.



0) US2004201454A – NETWORKED RF TAG FOR TRACKING FREIGHT

58) Family number: 41155647 (US2004201454A)

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Title: NETWORKED RF TAG FOR TRACKING FREIGHT

Priority: US20030461562P 20030409 US20040542952P 20040209 US20040613767P 20040928
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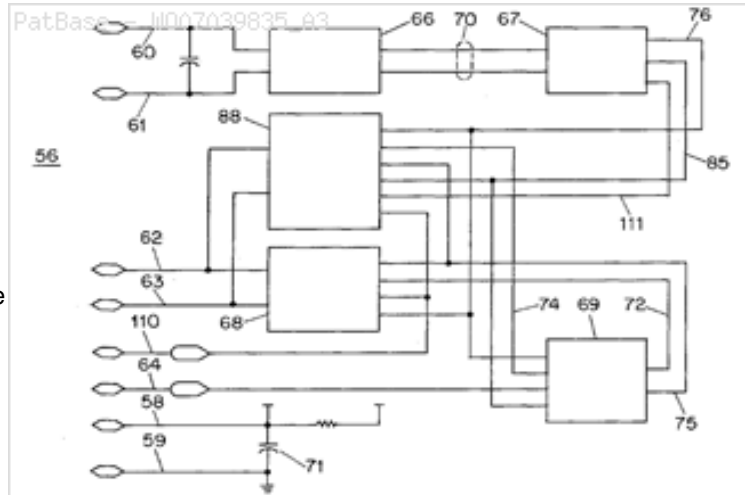
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Abstract:

Source: US2004201454A The invention disclosed provides a method, system, and associated tag for detection and tracking of inanimate and animate objects. The novel method broadly comprises the steps of: a) attaching a low radio frequency detection tag to each of the objects, each tag comprising a tag antenna operable at a low radio frequency not exceeding 1 megahertz (preferably not exceeding 300 kilohertz), a transceiver operatively connected to the tag's antenna, the transceiver being operable to transmit and receive data signals at the low radio frequency, a data storage device operable to store data comprising identification data for identifying said detection tag, a programmed data processor operable to process data received from the transceiver and the data storage device and to send data to cause the transceiver to emit an identification signal based upon the identification data stored in said data storage device, and an energy source for activating the tag's transceiver and data processor; b) storing, in the data storage device of each tag, shipping data selected from object description data, address-of-origin data, destination address data, object vulnerability data, and object status data; c) commingling the objects in a repository selected from a warehouse and a truck, the repository being provided with at least one large loop field antenna operable at said low radio frequency; the field antenna being disposed at a distance from each object that permits effective communication therewith at the low radio frequency, d) reading the identification data and shipping data from the transceiver of each tag by interrogating all tags commingled in said repository with data signals, such as specific IP addresses or other identification codes, via said field antenna; and e) transmitting the identification data and shipping data from each tag to a central data processor to provide a tally of the objects in said repository.



0) US2004126736A – ULTRASONIC DENTAL INSERT HAVING A HAND GRIP FIT...

59) Family number: 31457537 (US2004126736A)

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Title: ULTRASONIC DENTAL INSERT HAVING A HAND GRIP FITTED TO A RETAINING RING

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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A61C1/00 A61C17/16 A61C3/00 A61C3/02 A61C3/06 A61C5/02 (Core/Invention);
A61C (Subclass/Invention)

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JP2011110246, JP2009160324, JP2008529738, JP2008513139, FR2930423,
EP2779933, EP2564803, EP2180840, EP1977716, DE102009045189, CN105167872,
CN104470448, CN103099684, CN103099684, CN102512258, CN102018582,
AU2009225690,

Abstract:

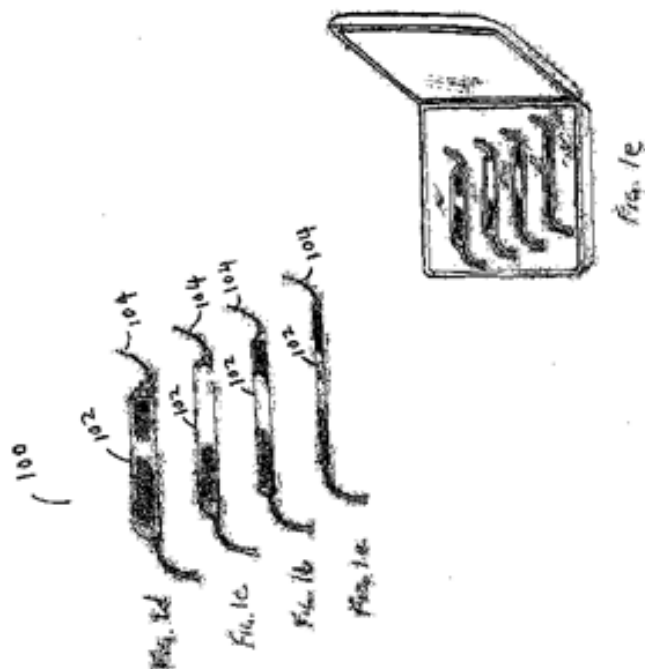
Source: US2004126736A An insert for an ultrasonic dental unit is provided. The insert includes a transducer for generating ultrasonic vibrations, and a tip for applying the ultrasonic vibrations at a location inside the mouth of a patient. A connecting body is disposed between and attached to the transducer and the tip. The connecting body transmits the ultrasonic vibrations from the transducer to the tip. A retaining ring is snapped onto the connecting body. A hand grip is fitted at least partially over the connecting body and the retaining ring.

PatBase - W006044099_A1

WO 2004/044099

1/12

PCT/US2003/032719



0) US2008158864A – MONOLITHIC PHOTO-CHIP WITH SOLAR DEVICE AND LIG...

60) Family number: 34405737 (US2008158864A)

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Title: MONOLITHIC PHOTO-CHIP WITH SOLAR DEVICE AND LIGHT-EMITTING DEVICE AND MANUFACTURING METHOD THEREOF

Priority: US20060646379 20061228

Family:	Publication number	Publication date	Application number	Application date
	AU2007200647 AA	20080717	AU20070200647	20070215
	AU2007200647 BB	20120322	AU20070200647	20070215
	CN101211992 A	20080702	CN200710088594	20070316
	DE102007008216 A1	20080703	DE200710008216	20070220
	ES2336057 AA	20100407	ES20070001097	20070418
	FR2911008 A1	20080704	FR20070053386	20070220
	GB200703262 A0	20070328	GB20070003262	20070220
	GB2445193 A1	20080702	GB20070003262	20070220
	GB2445193 B2	20090408	GB20070003262	20070220
	ITMI20070469 A1	20080629	IT2007MI00469	20070309
	JP2008166672 A2	20080717	JP20070069829	20070319
	TW200828634 A	20080701	TW20070106140	20070216
	TWI394292 B	20130421	TW20070106140	20070216
	US2008158864 AA	20080703	US20060646379	20061228

Probable Assignee: HIGHER WAY ELECTRONIC CO LTD

Assignee(s):^(std): HIGHER WAY ELECTRONIC CO LTD ; HLJ TECHNOLOGY CO LTD ; MILLENNIUM COMM CO LTD ; MILLENNIUM COMM CO LTD ; KAITOKUI DENSHI KOGYO KOFUN YU

Assignee(s): MILLENNIUM COMMUNICATION CO LTD ; MILLENNIUM COMMUNICATION LTD ; HIGHER WAY ELECTRONIC CO ; MILLENNIUM COMMUNICATION CO ; KAITOKUI DENSHI KOGYO KOFUN YUGENKOSHI ; MILLENNIUM COMMUNICATION CO ; MILLENNIUM COMMUNICATION CO LTD ; HLJ TECHNOLOGY CO

Inventor(s):^(std): LAI LI HUNG ; LAI LI WEN ; LAIH LI HONG ; LAIH LIH WEN ; HSIEH WEN SHENG ; HUANG KUN FANG ; HSIEH LI WEN

Inventor(s): KUN FANG HUANG ; LI HUNG LAI ; LI WEN LAI ; WEN SHENG HSIEH

Agent(s): APT PATENT AND TRADE MARK ATTORNEYS; CABINET CHAILLOT; BACON AND THOMAS PLLC

International class
(IPC 8-9): [F21L4/08](#) [F21S9/03](#) [H01L23/52](#) [H01L25/16](#) [H01L27/142](#) [H01L27/15](#) [H01L31/04](#) [H01L31/042](#) [H01L31/12](#) [H01L31/14](#) [H01L31/173](#) [H01L31/18](#) [H01L33/00](#) [H01S5/026](#) (Advanced/Invention); [F21L4/00](#) [F21S9/00](#) [H01L23/52](#) [H01L25/16](#) [H01L27/142](#) [H01L31/04](#) [H01L31/14](#) [H01L31/16](#) [H01L31/18](#) [H01L33/00](#) [H01S5/00](#) (Core/Invention)

CPC: [H01S5/02248](#) [H01L31/125](#) [H01L27/15](#) [H01L25/167](#) [H01L31/173](#)

European class: [H01L25/16L](#) [H01L27/15](#) [H01L31/12B](#) [H01L31/173](#) [T01S5/022M4](#)

US class: [257/80](#) [257/80S](#) [257/E25.032](#) [257/E25.032S](#) [257/E27.12](#) [257/E27.120S](#) [257/E31.096](#) [257/E31.096S](#) [257/E31.109](#) [257/E31.109S](#) [257/E33.077](#) [257/E33.077S](#) [362/183](#) [362/183P](#) [372/50.21](#) [372/50.210S](#) [438/24](#) [438/24S](#)

[Classification Explorer](#)

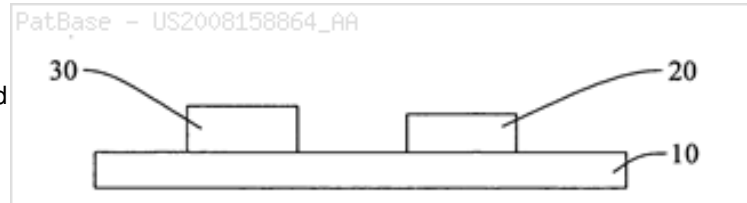
Cited documents: WO9318555 A1, US6096496 A, US5198684 A, US2005260777 AA, US2003015728 AA, TW419833 B, JP11233818 A2, ES2333756 AA, ES2058498 AA, EP1786042 A1,

Forward Citations: WO13004868, US8937983, ES2396109, DE102010001439, CN105845764,

Abstract:

Source: US2008158864A A monolithic photo-chip with a solar device and a light-emitting device that can be manufactured by utilizing a method of selective area growth (SAG) is provided, which has the advantages of simple structure, compactness and cost-effectiveness. Moreover, a solar-powered illuminator including the

monolithic photo-chip and a rechargeable battery is provided, which has the advantages of small size, compactness, simple integration, easy installation and cost-effectiveness. Accordingly, the solar-powered illuminator is very suitable for versatile application fields, such as the LD application field including a laser pointer, a laser sight, a laser aiming device, a laser level and a laser measuring tool, etc; or the LED application field including a decoration lamp, a courtyard lamp, a garden lamp and a advertisement lamp, a streetlamp, a warning sign and a indication sign for the road application, etc.



61) Family number: 52370069 (WO12154020A2)

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Title: INSECT CONTROL SYSTEM**Priority:** MX20110000184U 20110506**Family:**

Publication number	Publication date	Application number	Application date
<u>WO12154020 A2</u>	20121115	WO2012MX00046	20120503
<u>WO12154020 A3</u>	20130328	WO2012MX00046	20120503

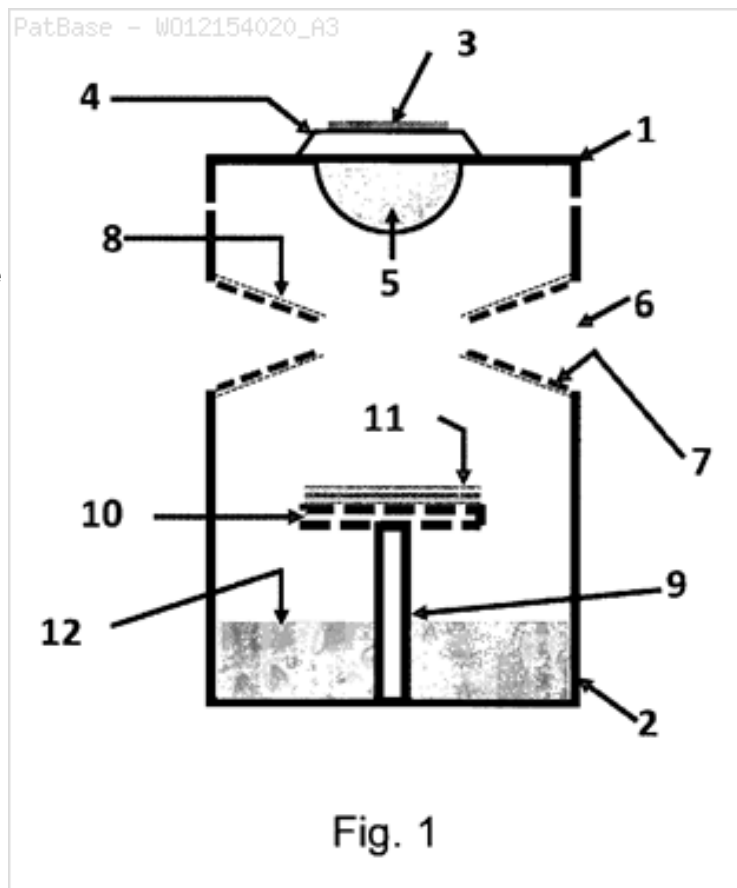
Probable Assignee: COSTILLA ZARATE SONIA LETICIA**Assignee(s):**^(std) COSTILLA ZARATE SONIA LETICIA ; GALINDO CANSINO MIGUEL ANGEL**Inventor(s):**^(std) COSTILLA ZARATE SONIA LETICIA ; GALINDO CANSINO MIGUEL ANGEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class A01M1/00 A01M1/04 (Advanced/Invention)
(IPC 8-9):

CPC: A01M1/04 A01M1/106 A01M1/2044 A01M1/223[Classification Explorer](#)**Cited documents:** US4794724 A, US2011099885 AA, CN202014528, CN101720747,**Abstract:**

The invention is based on the creation of a controlled, closed, artificial ecological niche that includes all means used to attract insects, facilitating the capture thereof, and a structure that facilitates the entry of insects into the system, but hinders escape therefrom, the interior being equipped with attraction elements for capturing living insects and any annihilation element for exterminating same. The insect control system is hygienic since the structure prevents contamination of the environment owing to the fact that it is not possible for dead insects, fragments of dead insects or the attraction and annihilation products used in the system to escape.



62) Family number: 30734168 (US2004140001A)

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Title:	METHOD OF FABRICATING AN OPTICAL CONCENTRATOR FOR A PHOTOVOLTAIC SOLAR CELL			
Priority:	AU20040205946 20040121 US20030348253 20030121	AU20100201311 20100401 WO2004CA00187 20040121	EP20040703739 20040121 US20050135080 20050523	
Family:	Publication number	Publication date	Application number	Application date
	AT556437 E	20120515	AT20040703739T	20040121
	AU2004205946 AA	20040805	AU20040205946	20040121
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	AU2010201311 BB	20110811	AU20100201311	20100401
	CA2513946 AA	20050721	CA20042513946	20040121
	CA2513946 C	20130115	CA20042513946	20040121
	CN1751397 A	20060322	CN200480004618	20040121
	CN1751397 B	20110518	CN200480004618	20040121
	DE602004037596 D1	20120705	DE200460037596T	20040121
	EP1586121 A1	20051019	EP20040703739	20040121
	EP1586121 B1	20120502	EP20040703739	20040121
	JP2006515717 T2	20060601	JP20060500444T	20040121
	JP5160781 B2	20130313	JP20060500444T	20040121
	US2004140001 AA	20040722	US20030348253	20030121
	US2005217721 AA	20051006	US20050135080	20050523
	US6897085 BB	20050524	US20030348253	20030121
	US7312097 BB	20071225	US20050135080	20050523
	WO04066399 A1	20040805	WO2004CA00187	20040121
Probable Assignee:	ATS AUTOMATION TOOLING SYSTEMS INC			
Assignee(s):^(std):	AUTOMATION TOOLING SYST ; HAMMERBACHER MILFRED DALE ; RIVOLLIER FREDERIC ; HAMMERBACHER MILFRED D ; SHARROCK PAUL R ; STEVENS GARY DON ; SHARROCK PAUL RAY ; WULLUR ALINE ; SPHERAL SOLAR POWER INC ; STEVENS GARY D			
Assignee(s):	ATS AUTOMATION TOOLING SYSTEMS INC			
Inventor(s):^(std):	FREDERIC HAMMERBACHER MILFRED ; DON STEVENS GARY ; FREDERIC RIVOLLIER ; HAMMERBACHER MILFRED DALE ; HAMMERBACHER MILFRED D ; ALINE WULLUR ; DALE HAMMERBACHER MILFRED ; HAMMERBACHER MILFRED ; STEVENS GARY DON ; SHARROCK PAUL RAY ; WULLUR ALINE ; RIVOLLIER FREDERIC ; STEVENS GARY D ; SHARROCK PAUL R ; RAY SHARROCK PAUL ; STEVENS GARY ; SHARROCK PAUL			
Inventor(s):	RIVOLLIER FREDERIC KITCHENER ; STEVENS GARY DON KITCHENER ; WULLUR ALINE KITCHENER ; SHARROCK PAUL RAY CAMBRIDGE ; MILFRED DALE HAMMERBACHER ; PAUL RAY SHARROCK ; HAMMERBACHER MILFRED DALE STEVENS GARY DON SHARROCK PAUL RAY WULLUR ALINE RIVOLLIER FREDERIC ; HAMMERBACHER MILFRED DALE WATERLOO ; GARY DON STEVENS ; HAMMERBACHER MILFRED DALE STEVENS GARY DON SHARROCK ; HAMMERBACHER MILFRED DALE STEVENS GARY DON			
Agent(s):	DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SIM AND MCBURNEY; MARKS AND CLERK LUXEMBOURG LLP; NAISMITH ROBERT STEWART; BAKER AND DANIELS LLP 111 E WAYNE STREET; BAKER AND DANIELS; BAKER AND DANIELS LLP			
Designated states:	AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA			

ZM ZW

International class (IPC 8-9): C23C16/40 H01L21/00 H01L31/0216 H01L31/0352 H01L31/04 H01L31/042 (Advanced/Invention);
C23C16/40 H01L21/00 H01L31/0216 H01L31/0248 H01L31/04 H01L31/042 (Core/Invention)

International class (IPC 1-7): H01L21/00 H01L25/00 H01L31/00 H01L31/0216 H01L31/0352 H01L31/042

CPC: H01L31/02008 H01L31/0547 H01L31/02168 Y02E10/52 H01L31/035281

European class: H01L31/0216B3B H01L31/0352C2 H01L31/042 Y02E10/52

US class: 136/244 136/246 136/25 136/250 136/259 257/E31.038 438/63 438/73 438/98

[Classification Explorer](#)

Cited documents: US6897085 BB, US6407327 BA, US6355873 BA, US6329296 BA, US6294822 BA, US6294723 BB, US6204545 BA, US6198037 BA, US6188012 BA, US6156967 A, US5785768 A, US5698451 A, US5498576 A, US5486494 A, US5482568 A, US5360491 A, US5081069 A, US4957601 A, US4957601, US4909856 A, US4610077 A, US4361598 A, US3025335 A, US294723 A, US2002096207 AA, US2002096206 AA, US2002023675 AA, JP2001210843 A2, JP2001210843, JP2001185744 A2, JP2001185744, JP10503058 T2, JP10503058, EP1255303 A1,

Forward Citations: WO09075708, WO09017532, WO09017532, WO08050931, US9394604, US8617641, US8597971, US8450594, US8445774, US8338690, US7312097, US2016148818, US2014308521, US2011108101, US2010206370, US2010206361, US2009025777, US2009025776, US2006185716, US2006180879, US2005217721, KR101336075, KR101325572, JP2008034643, JP2005317667, EP1693903, CN105140321, CN105140321,

Abstract:

Source: US2004140001A A method of fabricating a photovoltaic solar cell is provided. A plurality of generally spherical semiconductor elements are provided. Each of the semiconductor elements has a core and an outer surface forming a p-n junction. An anti-reflection coating is deposited on the outer surface of each of the semiconductor elements and each of the semiconductor elements is bonded into a perforated aluminum foil array thereby providing ohmic contact to a first side of the p-n junction. The anti-reflection coating is removed from a portion of each of the semiconductor elements and then the core is exposed, thereby allowing ohmic contact to be made to a second side of the p-n junction.

PatBase - W004066399_A1

WD 2004066399

PC:HCAS004001007

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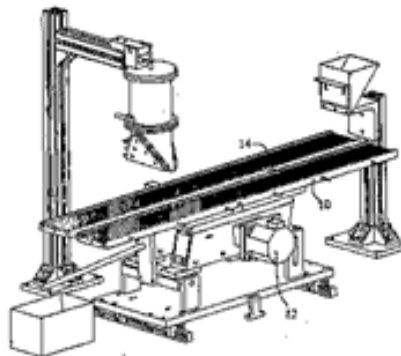


FIG. 1

63) Family number: 32679536 (US2006052849A)

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Title: RADIANT THERAPEUTIC HEATER

Priority: EP20050783464 20050901 US20040934158 20040903 US20050051086 20050204
 WO2005IB02617 20050901 US20050574723 20050901 WO2005IB02617 20050921

Family:

Publication number	Publication date	Application number	Application date
<u>AT465705 E</u>	20100515	AT20040029080T	20041208
<u>AU2005278888 AA</u>	20060309	AU20050278888	20050921
<u>CA2555353 AA</u>	20060726	CA20052555353	20050901
<u>CN101048196 A</u>	20071003	CN200580036501	20050901
<u>DE602004026863 D1</u>	20100610	DE200460026863T	20041208
<u>DE602005035782 D1</u>	20121018	DE200560035782T	20050901
<u>EP1632203 A1</u>	20060308	EP20040029080	20041208
<u>EP1632203 B1</u>	20100428	EP20040029080	20041208
<u>EP1789134 A2</u>	20070530	EP20050783464	20050901
<u>EP1789134 A4</u>	20100224	EP20050783464	20050901
<u>EP1789134 B1</u>	20120822	EP20050783464	20050901
<u>HK1089350 A1</u>	20100827	HK20060109770	20060901
<u>HK1089350 A3</u>	20061201	HK20060109770	20060901
<u>HK1107535 A1</u>	20130111	HK20070113149	20071130
<u>HK1107535 A3</u>	20080411	HK20070113149	20071130
<u>IN00839KN2007 A</u>	20070713	IN2007KN00839	20070308
<u>NZ553912 A</u>	20101224	NZ20050553912	20050901
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<u>US2006052855 AA</u>	20060309	US20050051086	20050204
<u>US2008262393 AA</u>	20081023	US20050574723	20050901
<u>US7657321 BB</u>	20100202	US20050051086	20050204
<u>US7693580 BB</u>	20100406	US20050051086	20050204
<u>US7783361 BB</u>	20100824	US20040934158	20040903
<u>US8170685 BB</u>	20120501	US20050574723	20050901
<u>WO06024938 A2</u>	20060309	WO2005IB02617	20050901
<u>WO06024938 A3</u>	20060427	WO2005IB02617	20050901
<u>ZA200701764 A</u>	20080326	ZA20070001764	20070228

Probable Assignee: CT INVESTMENTS LTD**Assignee(s):^(std):** CRERAR JOHN ; CRERAR JOHN W ; CT INVEST LTD ; DOCHERTY FRANCIS G ; DOCHERTY WENDY ; THERMOTEX THERAPY SYSTEMS LTD**Assignee(s):** CT INVESTMENTS LTD**Inventor(s):^(std):** CRERAR JOHN ; CRERAR JOHN W ; DOCHERTY FRANCIS G ; DOCHERTY FRANCIS G DOCHERTY WE ; DOCHERTY WENDY ; DOCHERTY FRANCIS G**Inventor(s):** FRANCIS G DOCHERTY ; JOHN W CRERAR ; WENDY DOCHERTY ; DOCHERTY WENDY CALGARY ; DOCHERTY FRANCIS G CALGARY ; CRERAR JOHN W CALGARY ; DOCHERTY FRANCIS**Agent(s):** SHELSTON IP; SHELSTON IP PTY LTD; MCCARTHY TETRAULT LLP; WEBER AND HEIM PATENTANWALTE PARTNERSCHAFTSGESELLSCHAFT MBB; HEIM HANS KARL; VENABLE LLP; ZAYD; RALPH P; KEITH G; DEVESH**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO

RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW

International class
(IPC 8-9): A01K1/035 A01K13/00 A01K31/19 A61B19/08 A61F2/00 A61F7/00 A61F7/02 A61F7/08 A61H1/00 A61H23/02 A61N5/00 A61N5/02 H05B3/00 H05B3/34 H05B6/80 (Advanced/Invention); A01K13/00 A61B19/00 A61F2/00 A61F7/00 A61F7/08 A61H1/00 A61H23/02 A61N5/00 A61N5/02 H05B3/34 H05B6/80 (Core/Invention); A01K A61B A61F A61H A61N H05B (Subclass/Invention)

International class
(IPC 1-7): A61N5/00 A61N5/02 H05B3/34 H05B6/80

CPC: A61F2007/0094 A01K31/19 A01K1/0356 A01K13/006 A61H2201/0207 A61H2201/0228 A61H2201/10 A61H2201/165 A61H2201/5007 A61N2005/0659 H05B3/0085 A61F7/007 A61F2007/0071 A61F2007/0086 A61F2007/0088 A61F2007/023 A61F2007/0249

European class: A01K1/035C A01K13/00H A01K31/19 A61F7/00E A61F7/04E H05B3/00L3 K61F7/00E1 K61F7/00G K61F7/00J K61F7/02G2P K61F7/02L4 K61H201/02H K61H201/02M2 K61H201/10 K61H201/16A20 K61H201/50C K61N5/06W2

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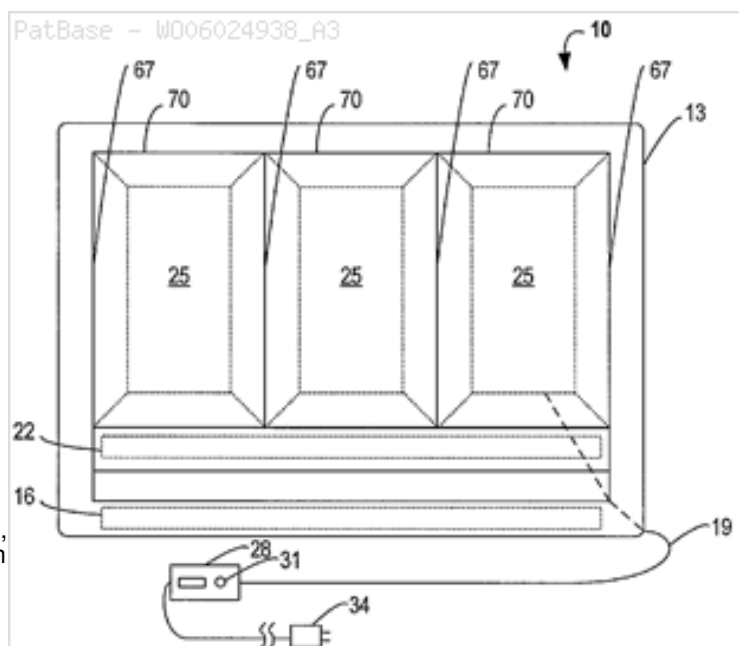
[Classification Explorer](#)

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Forward Citations: WO11157394, USD765261, US9585787, US9358152, US9239352, US8721700, US8702775, US8593152, US8390299, US7979139, US2016270158, US2015209222, US2014303572, US2014207029, US2013345778, US2013041441, US2012245661, US2012046719, US2011121845, US2011121844, US2011049131, US2010204763, US2009107984, US2009071952, US2008172105, US2007276457, US2007145036, US2006119462, TWI461707, GB2444031, GB2444031, CN105012069, CN103932837, CN103499121,

Abstract:

Source: US2006052849A A therapeutic heating pad which is not hot to the touch provides substantial infrared radiation to a user. Accordingly it can be used for extended periods without feeling uncomfortable to the skin, while imparting deep therapeutic heat to the user. The heating pad is comprised of a radiant heat generating layer having a plane surface comprising means for radiating heat evenly from its surface, a pair of flexible electrically insulating and radiation permeable layers located adjacent and covering opposite sides of the layer, a thermal insulation layer disposed against and covering one of the electrically insulating layers, and a sealed radiation permeable envelope enclosing the entire heater. Preferably the flexible heat generating layer is comprised of a fiberglass material impregnated with a resistive material, which material provides a surface temperature, when current is conducted therethrough, which is no greater than about 54 degrees Celsius. Current limiting thermostats are provided to prevent energy and temperature spikes in the event that any of the electrical components are creased or bent.



64) Family number: 13332594 (US6573880B)

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Title: APPLICATIONS FOR ELECTRONIC REUSABLE PAPER
Priority: CA20002320417 20000922 US19990440675 19991116
Family:

Publication number	Publication date	Application number	Application date
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CA2320417 C	20070313	CA20002320417	20000922
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JP2001209760 A2	20010803	JP20000338617	20001107
US6573880 BA	20030603	US19990440675	19991116

Probable Assignee: XEROX CORP

Assignee(s):^(std): XEROX CORP

Assignee(s): PREAS BRYAN T ; SIMONI HELEN DAVIS ; BANK ONE NA ADMINISTRATIVE AGENT AS ; BANK ONE NA AS ADMINISTRATIVE AGENT ; JPMORGAN CHASE BANK AS COLLATERAL AGENT ; JPMORGAN CHASE BANK COLLATERAL AGENT AS

Inventor(s):^(std): PREAS BRYAN T ; SIMONI HELEN DAVIS

Agent(s): SIM AND MCBURNEY; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER ANWALTSSOZIETAET; GRUENECKER KINKELDEY STOCKMAIR AND SCHWANHAEUSSER

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class
 (IPC 8-9): [B42D15/02](#) [G02F1/167](#) [G02F1/17](#) [G06K19/00](#) [G09F9/00](#) [G09F9/30](#)
[G09F9/37](#) (Advanced/Invention);
[B42D15/02](#) [G02F1/01](#) [G06K19/00](#) [G09F9/00](#) [G09F9/30](#) [G09F9/37](#) (Core/Invention)

International class
 (IPC 1-7): [B42D15/02](#) [G02F1/167](#) [G02F1/17](#) [G06K19/00](#) [G09F9/00](#) [G09F9/30](#) [G09F9/37](#) [H01L27/12](#)

CPC: [G09F27/007](#) [G09F9/372](#)

European class: [G09F9/37E](#)

US class: [313/498](#) [315/169.3](#) [340/571](#) [340/781](#) [340/815.4](#) [345/107](#) [345/87](#) [381/24](#) [381/300](#) [395/480](#)

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Forward Citations: WO13026734, WO08143687, WO08054715, WO07038234, WO03083561, WO03083561, USD691194, USD655750, USD654113, USD649589, USD649588, USD647559, USD643060, USD642611, USD629459, USD629458, US9483786, US9471144, US9104082, US9081249, US9031869, US8542429, US8511555, US8493319, US8446290, US8341858, US8272154, US8166649, US8152326, US8106853, US8089434, US8011122, US8010414, US7967214, US7958157, US7954712, US7895088, US7881068, US7683855, US7590561, US7523546, US7479942, US7477239, US7464880, US7426798, US7406786, US7382363, US7263508, US7239249, US7178718, US7175079, US7098870, US7098869, US7088352, US7015875, US6970154, US6967640, US6906705, US6897848, US6894677,

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Abstract:

Source: US6573880B A system for displaying information which comprises a substrate and a conformable display media and control logic associated with the substrate. The display media has an input for receiving display information and the control logic provides display information to the display media through the display media input. The system may also contain other elements which interact with the control logic and the display media such as sensors, speakers, buttons, lights and a interface for communicating with the control circuitry.

PatBase - US6573880_BA

U.S. Patent

Jan. 3, 2005

Sheet 1 of 5

US 6,573,880 B1

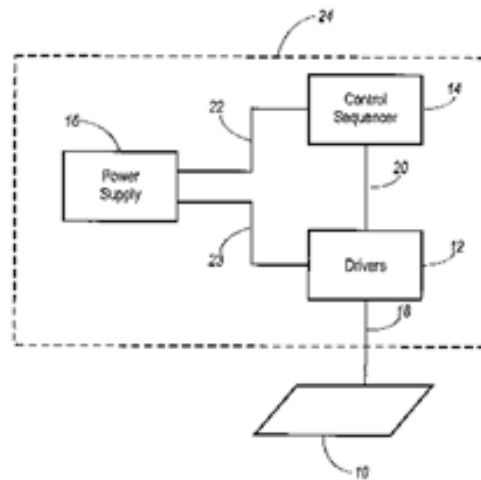


FIG. 1

65) Family number: 30065251 (US2003006144A)

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Title: ELECTROLYSIS CELL FOR GENERATING CHLORINE DIOXIDE

Priority: EP20020742482 20020215 US20010027667 20011221 US20010269048P 20010215
 US20010280913P 20010402 US20010300211P 20010622 US20020222575 20020816
 US20020222643 20020816 US20020222576 20020816 US20020222644 20020816
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Family:

Publication number	Publication date	Application number	Application date
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<u>WO03097783 A1</u>	20031127	WO2003US15234	20030515	
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<u>WO03099983 A1</u>	20031204	WO2002US26183	20020816	

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Inventor(s): TREMBLAY MARIO ELAM COLLIAS DIMITRIS IOANNIS... ; TREMBLAY MARIO ELAM COLLIAS DIMITRIS IOANNIS NESBI ; CHIAO I CHUN ; SHOWELL MICHAEL ; WAUGH KEVIN ; BRETL DONALD ; C M RASMUSSEN ; C A HUN ; CHARLES ANDREW HONG ; DRZEWIECKI PAUL ; DONALD STEPHEN BRETL ; COLLIAS DIMITRIS ; M E TREMBLAY ; HONG CHARLES ; MITCHELL MICHAEL ; RASMUSSEN CRAIG ; TREMBLAY MARIO ELAM COLLIAS DIMITRIS IOANNIS NESBITT DANIEL F

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP ; LEDGLEY CYNTHIA J ; DIMOCK STRATTON LLP ; YORQUEZ RAMIREZ MARIA ISABEL ; CLEMO NICHOLAS GRAHAM ; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION ; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION ; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG ; WAUGH KEVIN L ; ZERBY KIM W ; MILLER STEVEN W ; STEVEN W ; KEVIN L ; KIM W ; LEONARD W ; LARRY L ; ZERBY KIM WILLIAM ; MCCONIHAY JULIE A ; ROBINSON IAN S ; IAN S ; JULIE A ; KIM WILLIAM ; DINSMORE AND SHOHL LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK

SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

International class
(IPC 8-9):

A47L15/00 A47L15/42 A47L15/44 A61L2/03 A61L2/18 B01D39/16 B01D39/20 B08B3/00 B08B7/04 B08B9/20 C01B7/00 C01B7/01 C02F1/42 C02F1/46 C02F1/461 C02F1/467 C02F1/76 C11D1/72 C11D11/00 C11D17/00 C11D17/04 C11D17/06 C11D17/08 C11D3/02 C11D3/06 C11D3/08 C11D3/10 C11D3/20 C11D3/33 C11D3/37 C11D3/386 C11D3/39 C11D3/395 C11D3/48 C11D3/50 C11D7/10 C25B1/26 C25B1/30 C25B11/03 C25B11/04 C25B15/00 C25B15/02 C25B15/08 C25B9/00 C25B9/04 C25B9/06 C25D17/00 D06F35/00 D06F39/02 E04H4/12 (Advanced/Invention);
C02F1/28 C02F1/42 C02F1/461 C02F1/467 C02F9/00 C25B1/26 (Advanced/Non-invention);
A47L15/00 A47L15/42 A61L2/02 C02F1/461 C11D11/00 C11D17/00 C11D3/02 C11D3/38 C11D3/395 C25B1/00 C25B15/00 D06F35/00 (Core/Invention);
C02F1/28 C02F1/42 C02F9/00 (Core/Non-invention)

International class
(IPC 1-7):

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US class:

134/111 134/111S 134/113 134/113S 134/115 134/115.00RS 134/115R 134/18 134/18P 134/18S 134/25.2 134/25.200P 134/25.200S 134/26 134/26S 134/4 134/40 134/40S 134/42 134/42S 134/57 134/57.00DS 134/57D 134/58.00D 134/58.00DP 134/58D 134/93 134/93S 134/95.2 134/95.200S 134/99.2 134/99.200S 204/228.1 204/228.6 204/229.2 204/229.4 204/229.6 204/232 204/237 204/238 204/242 204/242S 204/271 204/275.1 204/275.100P 204/275.100S 204/276 204/278.5 204/278.500S 205/499 205/500 205/500S 205/556 205/618 205/701 205/742 205/742S 205/744 205/744S 206/524.1 206/524.100S 510/218 510/218S 510/220 510/224 510/224S 510/226 510/226S 510/298 510/367 510/375 510/379 510/380 510/382 510/445 510/446 510/480 510/514

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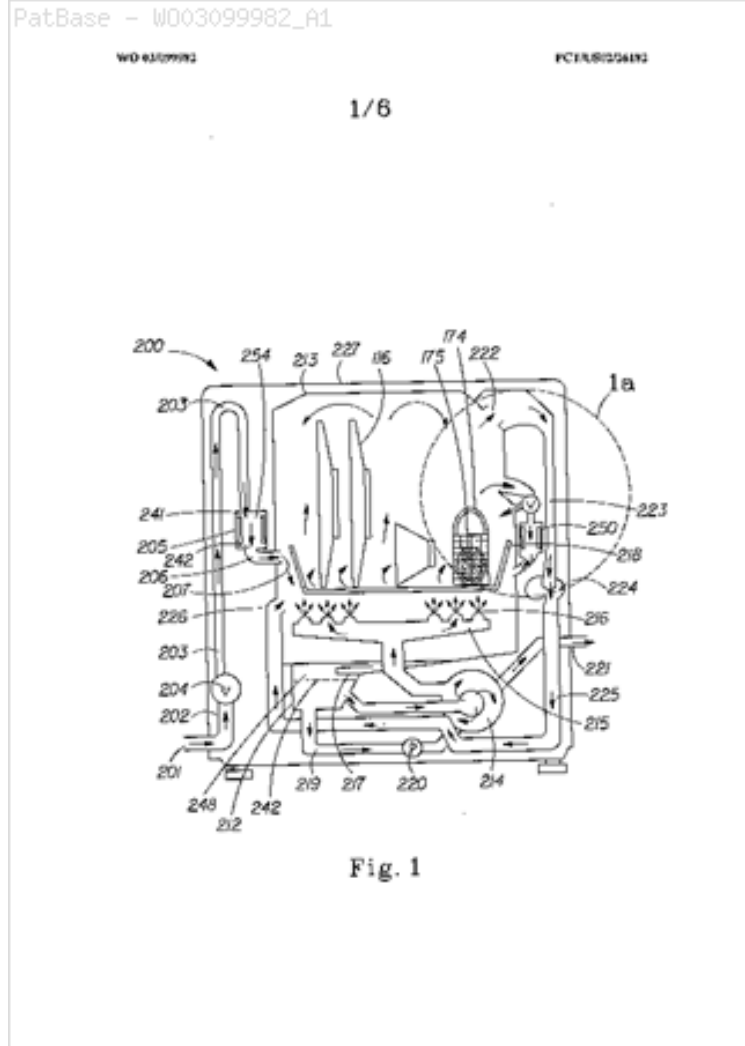
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Abstract:

Source: US2003006144A A method for making chlorine dioxide, by passing an aqueous feed solution comprising sodium chlorite into a non-membrane electrolysis cell comprising an anode and a cathode, adjacent to the anode, while flowing electrical current between the anode and the cathode to electrolyze the aqueous feed solution and convert the halogen dioxide salt to halogen dioxide. The anode is preferably a porous anode through which the aqueous feed solution passes to maximize the conversion of chlorite to chlorine dioxide.



0) US2003026088A – BEVERAGE ACCESSORY DEVICE

66) Family number: 16059712 (US2003026088A)

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Title: BEVERAGE ACCESSORY DEVICE

Priority: EP20010939305 20010523 GB20030004307 20010523 US20000627961F 20000728
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Family:

Publication number	Publication date	Application number	Application date
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<u>WO06058208 A1</u>	20060601	WO2005US42741	20051123

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Assignee(s): CARL RICHARD VANDERSCHUIT ; LITECUBES LLC

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Inventor(s): VANDERSCHUIT CARL ; CARL RICHARD VANDERSCHUIT ; CARL VANDER SCHUIT

Agent(s): GOWLING LAFLEUR HENDERSON LLP; HARNESS DICKEY AND PIERCE PLC; ANTHONY G FUSSNER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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US class: 250/462.1 362/101 362/101P 362/154 362/154P 362/158 362/183 362/205 362/234 362/253 362/276 362/294 362/318 362/394 362/802 362/96 43/17.5 441/16 441/17 441/17.5 441/29 441/43 D26/125

Locarno class: 26/99 11/02

Classification Explorer

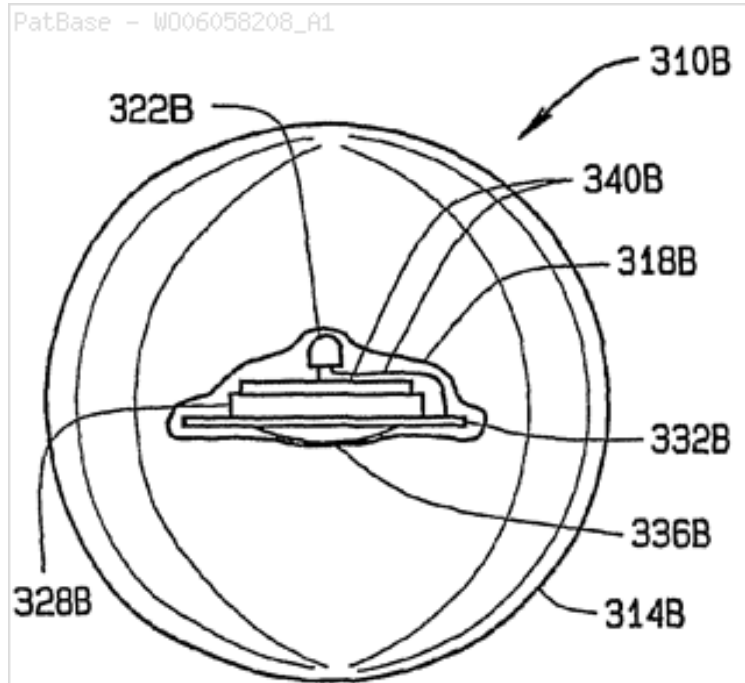
Cited documents: WOUS20521, WO9318358 A1, WO9210642, WO04005796 A1, WO0210642 A1, USRE24621 E, USPP8238 P, USPP8212 P, USPP6733 P, USPP477 P, USPP13661 P2, USPP124 P, USPP11246 P, USD95445 S1, USD559395 S1, USD547899 S1, USD50267 S1, USD498802 S1, USD489289, USD459021 S1, USD448513 S1, USD431669 S1, USD425706 S1, USD415306, USD410823 S1, USD405721 S1, USD387816, USD384716 S1, USD365911 S1, USD362285, USD359377, USD357540 S1, USD345621 S1, USD323236 S1, USD304606, USD272232 S1, USD272128 S1, USD264064 S1, USD2731252 S1, USD226498, US8238 P, US8212 P, US7648255 BB, US7077553 BB, US7073917 BB, US7063432 BB, US7052167 BB, US7052154 BB, US7049766 BB, US6966666 BB, US6955450 BB, US6935761 BB, US6874909 BB, US6824289 BB, US6779687 BB, US6733 P, US6721103 BA, US6666569 BB, US6629770 BB, US6584713 BB, US6554443 BB, US6481148 BA, US6416198 BA, US6409359 BA, US6375092 BA, US6354711 BA, US6354460 BA, US6352352 BA, US6344252 BA, US6296376 BA, US6286974 BA, US6277079 BA, US6254247 BA, US6224234 BA, US6156700 A, US6155700 A, US6135604 A, US6116753 A, US6106132 A, US6106130 A, US6086221 A, US5971827 A, US5934784 A, US5934519 A, US5903212 A, US5879068 A, US5876109 A, US5860724 A, US5785407 A, US5784265 A, US5775800 A, US5763845 A, US5743620 A, US5697182 A, US5653524 A, US5649758 A, US5636770 A, US5632548 A, US5625968 A, US5624177 A, US5622422 A, US5609411 A, US5603219 A, US5575553 A, US5575533 A, US5567037 A, US5526243 A, US5516317 A, US5497307 A, US5463537 A, US5438488 A, US5323300 A, US5295882 A, US5276599 A, US5253149 A, US5231791 A, US5231781 A, US5211699 A, US5201578 A, US5165781 A, US5143439 A, US5119279 A, US5070437 A, US5070435 A, US5054778 A, US5027258 A, US5018053 A, US4827655 A, US4796167 A, US477 P, US4761314 A, US4740875 A, US4733785 A, US4719544 A, US4641840 A, US464140 A, US4638409 A, US4605882 A, US4600974 A, US4556932 A, US4554189 A, US4553194 A, US4545479 A, US4464131 A, US4409644 A, US4390928 A, US4341087 A, US4331848 A, US4325230 A, US4309743 A, US425706 A, US4237525 A, US4183316 A, US4181304 A, US4124881 A, US4109405 A, US4086483 A, US4034231 A, US3818208 A, US3816208 A, US3793755 A, US3754502 A, US3735113 A, US3580575 A, US3559224 A, US3099565 A, US3094062 A, US2765481 A, US231252 A, US2231481 A, US2152467 A, US2009100853 AA, US2008043474 AA, US2005259435 AA, US2005187597 AA, US2005180146 AA, US2005083676 AA, US2005073833 AA, US2004264187 AA, US2004264176 AA, US2004264173 AA, US2004233674 AA, US2004208001 AA, US2004136189 AA, US2004130886 AA, US2003161144 AA, US2003090897 AA, US2003090892 AA, US1923522 A, US1478148 A, US13661 P, US1288124 A, US124 P, US11246 P, US1107645 A, US1107645, JP7289405, JP6267327, JP2004105231, JP2003259951, JP2003137014, JP2002245802, GB2392973 A1, GB2381575 A1, EP1313986 A1, EP0231471 A2, DE29918185 U1, DE29918185, DE29918185, CNZL033562717, CNZL033562709, CN3562717 S, CN3562709 S, CN33562717, CN33562717, CN33562709, CN33562709, CH662931,

Forward Citations: WO15110676, WO13136236, WO10092511, WO09125275, WO07141394, WO07009121, WO04103125, USD783876, USD775913, USD771303, USD771302, USD771039, USD762506, USD758645, USD757351, USD742770, USD733959, USD732730, USD714868, USD700729, USD700256, USD671708, USD671707, USD671706, USD666048, USD665125, USD664391, USD662651, USD654539, USD650121, USD640808, USD639494, USD609708, USD609564, USD581092, USD575428, USD575427, USD572860, USD571946, USD565784, USD558914, USD558913, USD558387, USD552633, USD550396, USD550395, USD550394, USD550393, USD547899, USD539465, USD534670, US9635727, US9630554, US9585216, US9574717, US9510400, US9500330, US9488334, US9443454, US9416923, US9398661, US9395075, US9353939, US9347629, US9341357, US9285084, US9285083, US9271367, US9267650, US9237767, US9222626, US9206952, US9200770, US9184518, US9181518, US9163794, US9121557, US9101026, US9072171, US9057500, US9057493, US9052076, US9016888, US9013119, US9006993, US9006990, US8983088, US8981405, US8979297, US8946996, US8928025, US8901823, US8894430, US8888310, US8870415, US8870412, US8866396, US8840282, US8827496, US8814379, US8807785, US8773026, US8757443, US8716945, US8692210, US8674626, US8664880, US8653984, US8596813, US8556452, US8545042, US8541958, US8540401, US8534885, US8523394, US8517789, US8506110, US8454193, US8444292, US8421366, US8362710, US8360599, US8360589, US8330381, US8328378, US8324817, US8299695, US8257416, US8256924, US8251544, US8214084, US8172434, US8118447, US7976196, US7946729, US7938562, US7934859, US7926975, US7891843, US7824051, US7744236, US7690533, US7683275, US7648255,

US7643052, US7597448, US7590187, US7458698, US7452092, US7419072, US7410269, US7401935, US7311411, US7244038, US7080934, US7077553, US7073917, US7063432, US7052167, US7052154, US7049766, US6966666, US6935761, US6874909, US6871987, US6824289, US6814460, US6746132, US2016144917, US2015334999, US2015328353, US2015327722, US2015159846, US2015089964, US2014300280, US2014268694, US2014268632, US2014192535, US2014138559, US2014071661, US2013335953, US2013082070, US2013068791, US2012301579, US2012224359, US2012020053, US2012008311, US2011280012, US2011217898, US2011188237, US2011148621, US2011069491, US2010315767, US2010284176, US2010242520, US2010212344, US2010172145, US2010118537, US2010072895, US2010020547, US2009166378, US2009154164, US2009100853, US2009084009, US2009000937, US2008273319, US2008212309, US2008165527, US2008158857, US2008123351, US2008043474, US2007157657, US2007153504, US2006291217, US2006291191, US2006274527, US2006250795, US2006250784, US2006235494, US2006227537, US2006208651, US2006158138, US2006152915, US2006146527, US2005259435, US2005187597, US2005180146, US2005141214, US2005083676, US2005073833, US2005041094, US2004264187, US2004264173, US2004233674, US2004208001, US2004130886, US2003076672, RU2521865, JP5661695, JP2014032879, FR2946491, EP2844910, EP2426400, EP2426400, EP2259366, EP1597513, EP1597513, EP1552217, EP1552217, DE102006022185, CN104859451, CN104806973, CN104033733, CN103883886, AU2006267078,

Abstract:

Source: US2003026088A A beverage accessory device having a housing with a cavity therein, a buoyant filler within the cavity, a buoyancy-reducing feature to incrementally decrease the buoyancy of the device, a straw receptacle attached to the housing, and a switchable light-source within the cavity.



67) Family number: 43194639 (WO10092356A1)

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Title: BICYCLE MONITORING DEVICE
Priority: GB20090002491 20090214 GB20090021518 20091209 WO2010GB00264 20100215
Family:

Publication number	Publication date	Application number	Application date
<u>EP2429884 A1</u>	20120321	EP20100714338	20100215
GB200902491 A0	20090401	GB20090002491	20090214
GB200921518 A0	20100120	GB20090021518	20091209
GB201014887 A0	20101020	GB20100014887	20100215
<u>GB2469978 A1</u>	20101103	GB20100014887	20100215
<u>GB2469978 B2</u>	20111012	GB20100014887	20100215
<u>WO10092356 A1</u>	20100819	WO2010GB00264	20100215
<u>WO10092356 A9</u>	20101007	WO2010GB00264	20100215

Probable Assignee: LONDON BICYCLE COMPANY LTD
Assignee(s):^(std): LONDON BICYCLE CO LTD ; LONDON BICYCLE COMPANY LTD ; RODGERS PAUL
Assignee(s): LONDON BICYCLE COMPANY LIMITED
Inventor(s):^(std): RODGERS PAUL
Inventor(s): PAUL RODGERS
Agent(s): WALKER NEVILLE DANIEL ALAN; WALKER NEVILLE
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class B62H5/20 B62J99/00 (Advanced/Invention);
 (IPC 8-9): B62H5/00 B62J99/00 (Core/Invention)

CPC: B62H5/20 B62J99/00 B62J2099/0013

European class: B62H5/20 B62J99/00 L62J99/00C

[Classification Explorer](#)

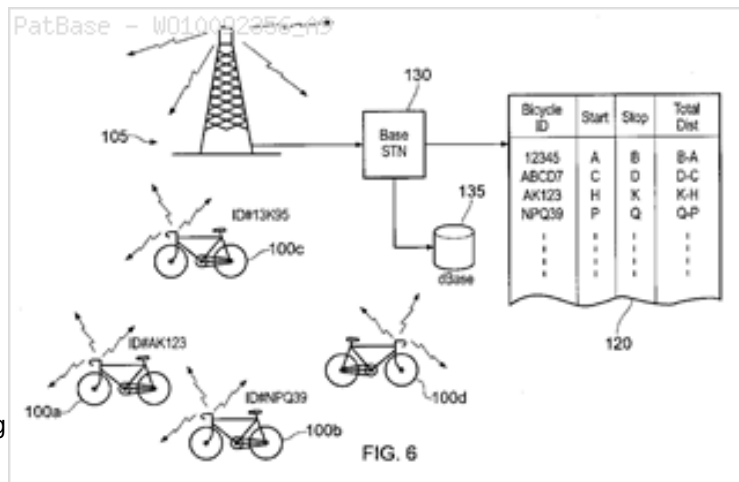
Cited documents: WO09076222 A1, WO09010065 A2, US4888061 A, US2010198453 AA, US2006240865 AA, JP2005204916 A2, GB2419057 A1, EP1926060 A2, EP1814051 A2, DE19527609 A1,

Forward Citations: WO16030267, WO14205345, US8364389, JP2016150744, JP2016101919, JP2016101918, ITPD20130279, EP3056415, EP3025944, EP3025943, DE102011107880,

Abstract:

A bicycle monitoring device (1) capable of transmission of information relevant to the bicycle monitoring device's location and including an energy supply, identification means, transmission means and an antenna. The bicycle monitoring device may be incorporated into a frame (20) of a bicycle using said frame as an antenna and may additionally receive information.

Communication and transmission of data on movement to relevant parties via a secure and verified system process for commercial, emergency and other purposes is performed so that an equivalent mass of carbon dioxide can be computed, for example for use in a carbon trading scheme. The bicycle monitoring device (1) may also function using solar energy.



68) Family number: 50804564 (CN202164173U)

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Title: Water environment ecological restoration and purification device based on solar energy and LED (light-emitting diode) light source**Priority:** CN201120245119U 20110713

Family:	Publication number	Publication date	Application number	Application date
	CN202164173 U	20120314	CN201120245119U	20110713

Probable Assignee: UNIV NANJING NORMAL**Assignee(s):^(std):** NANJING NORMAL UNIV ; UNIV NANJING NORMAL**Assignee(s):** NANJING NORMAL UNIVERSITY**Inventor(s):^(std):** GUOXIANG WANG ; LI JIANG ; LIANG ZHANG ; SHUGUI ZHOU ; TU QIAN ; XIANQIU ZHANG ; YUXIANG XIA ; ZEJIN GAO**Inventor(s):** ZHANG LIANG ; ZHANG XIANQIU ; ZHOU SHUGUI ; GAO ZEJIN ; WANG GUOXIANG ; XIA YUXIANG ; QIAN TU ; JIANG LI**International class** C02F3/32 (Advanced/Invention)
(IPC 8-9):[Classification Explorer](#)**Forward Citations:** CN103663861, CN103420485,**Abstract:**

Source: CN202164173U The utility model discloses a water environment ecological restoration and purification device based on solar energy and an LED (light-emitting diode) light source, which belongs to the technical field of ecological restoration and water purification, and comprises a submerged plant bed, a lifting rope, a solar cell plate, an LED light source battery, a control device, a lifting device, a floating plate, a submerged plant, an LED light source and a matrix, wherein the solar cell plate is connected with the LED light source battery and the control device; the solar cell plate, the LED light source battery, the control device and the lifting device are installed on the floating plate, and have a water-proof function; one end of the lifting rope is installed on the lifting device, and the other end of the lifting rope is fastened on the submerged plant bed; and the LED light source is installed on the inner wall of the submerged plant bed and has the water-proof function. The purification device provided by the utility model can improve light factors in the submerged plant in water, ensure that the submerged plant can grow well even in the water without sun irradiation or with weaker sun irradiation, so that the environment ecological restoration and purification effects of the submerged plant on the water can be improved; and simultaneously, the solar energy and the LED light source are directly utilized, an external power supply is not needed, and the energy saving effect is good.

PatBase - CN202164173_U

CN 202164173 U 说明书附图 1/3 页

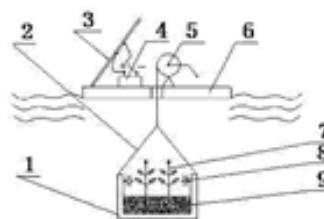


图 1

69) Family number: 30049964 (US2004054095A)

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Title: COMPOUND, COMPOSITIONS AND USE

Priority: GB19970026810 19971219 GB19990014163 19990618 GB19990014164 19990618
 KR20007006767 20000619 WO2000GB02310 20000614 US20030435196 20030512
 US20010581914 20011002 WO1998GB03685 19981216

Family:	Publication number	Publication date	Application number	Application date
	<u>AT226224 E</u>	20021115	AT19980960000T	19981216
	<u>AU199915693 A1</u>	19990712	AU19990015693	19981216
	<u>AU200058332 A5</u>	20010109	AU20000058332D	20000614
	<u>CA2315034 AA</u>	20000616	CA19982315034	19981216
	<u>CA2315034 C</u>	20060516	CA19982315034	19981216
	<u>DE69808796 D1</u>	20021121	DE19986008796	19981216
	<u>DE69808796 T2</u>	20030612	DE19986008796T	19981216
	<u>EP1040152 A1</u>	20001004	EP19980960000	19981216
	<u>EP1040152 B1</u>	20021016	EP19980960000	19981216
	<u>EP1196476 A1</u>	20020417	EP20000944096	20000614
	<u>ES2183428 T3</u>	20030316	ES19980960000T	19981216
	GB9726810 A0	19980218	GB19970026810	19971219
	GB9914163 A0	19990818	GB19990014163	19990618
	GB9914164 A0	19990818	GB19990014164	19990618
	<u>JP2001527102 T2</u>	20011225	JP20000525471T	19981216
	<u>JP2003503519 T2</u>	20030128	JP20010505597T	20000614
	<u>JP4259755 B2</u>	20090430	JP20000525471T	19981216
	<u>JP4890706 B2</u>	20120307	JP20010505597T	20000614
	<u>KR100573389 B1</u>	20060425	KR20007006767	19981216
	<u>KR20010033320 A</u>	20010425	KR20007006767	20000619
	<u>US2004054095 AA</u>	20040318	US20030435196	20030512
	<u>US6630566 BA</u>	20031007	US20010581914	20011002
	<u>US6653510 BA</u>	20031125	US20010979841	20011128
	<u>US6858703 BB</u>	20050222	US20030435196	20030512
	<u>WO0078843 A1</u>	20001228	WO2000GB02310	20000614
	<u>WO9932537 A1</u>	19990701	WO1998GB03685	19981216

Probable Assignee: MERCK PATENT GMBH

Assignee(s):^(std): ALLEN JOANNE VICTORIA ; AVECIA LTD ; AVECIA LTD OF BLACKLEY ; BROWN BEVERLEY ANNE ; FERGUS JULIE ; ZENECA LTD ; THOMAS MARK ; LEEMING STEPHEN WILLIAM ; MORGAN JOHN DYLAN ; VERES JANOS ; ZENECA LIMITED

Assignee(s): MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG ; MERCK PATENT GES MIT BESCHRAENKTER HAFTUNG ; MERCK PATENT GMBH ; FERGUS JULIE ANNE ; AVECIA OF BLACKLEY LTD ; AVECIA LTD BLACKLEY ; AVECIA LIMITED ; AVECIA LIMITED OF BLACKLEY

Inventor(s):^(std): VERES JANOS ; STEPHEN WILLIAM LEEMING ; MORGAN JOHN DYLAN ; MORGAN DYLAN ; MARK THOMAS ; LEEMING WILLIAM ; LEEMING STEPHEN WILLIAM ; JULIE FERGUS ; JOHN DYLAN MORGAN ; JOANNE VICTORIA ALLEN ; ALLEN VICTORIA ; ALLEN JOANNE VICTORIA ; THOMAS MARK ; FERGUS JULIE ; FERGUS JULIE ANNE ; BROWN BEVERLEY ANNE

Inventor(s): BEVERLEY ANNE BROWN ; JANOS VERES

Agent(s): SMART AND BIGGAR; CHIBA AKIO; MASUI CHUJI; SHAMOTO ICHIO; NOYA HIROAKI; TOMITA HIROYUKI; KOBAYASHI YASUSHI; MATSUYAMA MINAKO

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

International class
(IPC 8-9): C08G61/12 C08G73/00 C08G73/02 C08G75/00 C08G79/00 C08G79/02 C08G85/00 C08L79/02 G03G5/06 G03G5/07 H01L51/50 (Advanced/Invention);
C08G75/00 C08G79/00 H01L51/50 (Advanced/Non-invention);
C08G61/00 C08G73/00 C08G79/00 C08G85/00 G03G5/06 G03G5/07 (Core/Invention)

International class
(IPC 1-7): C07C211/00 C08G61/12 C08G73/00 C08G73/02 C08G75/00 C08G75/00 C08G79/00 C08G79/00 C08G79/02 C08G85/00 C08L65/00 C08L65/02 C08L79/02 G03G5/06 G03G5/07 H05B33/14 H05B33/22

CPC: Y10S428/917 C08G73/00 C08G61/12 C08G73/026 C08G2261/312 G03G5/076

European class: C08G61/12 C08G73/00 C08G73/02N G03G5/07D2 M08G261/312

US class: 250/462.1 428/690 428/917 430/58.7 430/587 430/59.6 430/73 525/328.5 525/418 525/418P 525/419 525/419S 525/42 525/420 525/420S 525/461 525/461S 525/535 525/535S 525/538 525/540 528/348 528/373 528/398 528/422 564/431 564/433 585/443

[Classification Explorer](#)

Cited documents: WO9932537 A1, WO9806773 A1, US5476740 A, US4937165 A, US4714779 A, JPS58189254, JP9059389 A2, JP61168625, JP58189254, JP200991591, JP2009091591 A2, JP2001527102 T2, JP2001527102, JP2001527102, JP2001503074 T2, JP2001503074, JP2001503074, JP200063456, JP2000063456 A2, JP11246660, JP10306143 A2, JP10306143, JP0959389, JP0531163, EP0506368 A2, DE3610649 A1,

Forward Citations: WO14072016, WO14053202, WO14037076, WO13182264, WO13159881, WO13120581, WO13013765, WO12160383, WO12160382, WO12130365, WO12123058, WO12100900, WO12076092, WO12033073, WO12031659, WO12019683, WO10067746, WO09063757, WO06010555, WO05078818, WO05078818, WO05056638, WO05017065, WO04056937, WO04014985, WO0168740, WO0166618, WO0078843, US9647213, US9431145, US9425417, US9406886, US9331281, US9131902, US9026199, US8998830, US8992434, US8980443, US8975112, US8942779, US8937300, US8933182, US8889265, US8882684, US8871359, US8840564, US8824038, US8821418, US8816330, US8809839, US8734360, US8731646, US8730552, US8679030, US8603010, US8585607, US8519092, US8517953, US8491492, US8403865, US8376954, US8263735, US8247800, US8212243, US8043722, US8004744, US7985815, US7985810, US7893172, US7833684, US7781137, US7772360, US7718734, US7608680, US7593154, US7442760, US7282275, US7271406, US7258958, US7241543, US7192657, US7094902, US7001699, US6994941, US6991881, US6858324, US6733849, US6653510, US2016233438, US2014114040, US2011253986, US2011180784, US2011135837, US2011024734, US2011001131, US2010140593, US2010133483, US2009285978, US2009252536, US2009236133, US2009123860, US2009099391, US2009015139, US2008217605, US2008011353, US2007097481, US2007031698, US2006241278, US2006210827, US2006088777, US2006017040, US2005238989, US2005153167, US2004265716, US2004262574, US2004053150, TWI551623, TWI337136, TWI334740, KR101160692, JP2016149371, JP2015517589, JP2015044900, JP2015010173, JP2014519537, JP2012079707, JP2011074393, JP2009019207, JP2009004797, JP2007518842, JP2007504342, JP2007502877, JP2005232449, JP2003503519, EP2327739, EP2270064, EP2207217, EP2204861, EP2166582, EP1986247, EP1961780, EP1576071, EP1528074, EP1394618, EP1394617, EP1394617, EP1357436, EP1357436, EP1243635, DE112006003179, DE112005000266, DE102004049955, CN103703581, CN103636020, CN103636020, CN101942075,

Abstract:

Source: US2004054095A A polymeric material comprises at least one repeat unit consisting substantially of a moiety of Formula 1: in which Y<1>represents N, P, S, As and/or Se. Ar<1>and Ar<2>, which may be the same or different, represent independently a multivalent, optionally substituted aromatic group, and Ar<3>represents independently a mono or multivalent, optionally substituted aromatic group. At least one terminal group is attached in the polymer to the Ar<1>, Ar<2>and optionally Ar<3>groups located at the end of the polymer chains, so as to cap the polymer chains and prevent further polymer growth. At least one terminal group is derived from at least one end capping reagent used in the polymerisation to form the polymeric material to control the molecular weight thereof. A charge transport material comprising such polymers is useful in electroreprographic and electroluminescent devices. These polymers may be made by controlling their molecular weight with an end capping reagent.

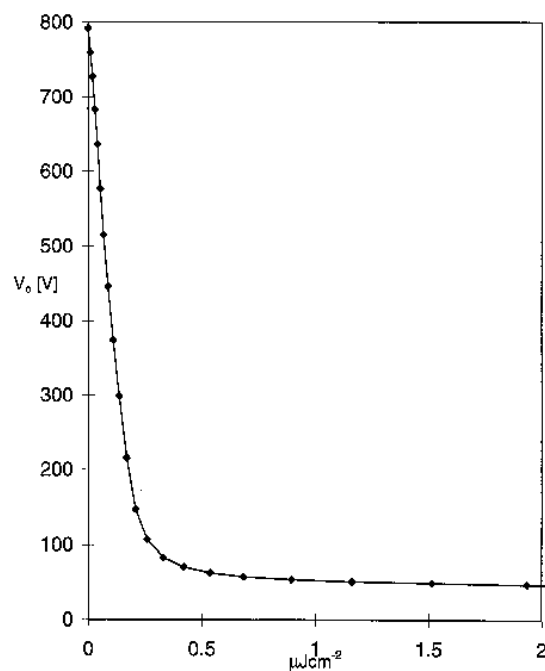
PatBase - W09932537_A1

WO 99/32537

1/5

PCT/GB98/03685

Figure 1



0) US2011090077A – WINDOW HANDLE OR DOOR HANDLE WITH POSITION MONI...

70) Family number: 41749805 (US2011090077A)

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Title: WINDOW HANDLE OR DOOR HANDLE WITH POSITION MONITORING FOR MONITORING ROOM CLIMATE AND VENTILATION BEHAVIOR

Priority: DE200720016687U 20071129 EP20080855542 20081122 WO2008DE01944 20081122 WO2008DE001944 20081122

Family:	Publication number	Publication date	Application number	Application date	
	AT523647 E	20110915	AT20080855542T	20081122	
	CN101878343 A	20101103	CN200880118264	20081122	
	DE112008003685 A5	20101111	DE200811003685T	20081122	
	DE202007016687 U1	20080417	DE200720016687U	20071129	
	DE502008004820 D1	20111201	DE200850004820T	20081122	
	EP2217779 A1	20100818	EP20080855542	20081122	
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	US2011090077 AA	20110421	US20080741610	20081122	
	WO09068002 A1	20090604	WO2008DE01944	20081122	

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Assignee(s):^(std): MEYER GEORG ; MEYER SUSANNE ; SPITZER ANDREA ; NICOLAY RALF ; NICOLAY FRANK ; DISCH MARKUS ; KURT SPITZER ; MARKUS DISCH ; SPITZER KURT

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Agent(s): PATENTANWALTE VOMBERG AND SCHAT; VOMBERG FRIEDHELM

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [E05B1/00](#) [E05F11/02](#) [E05F11/54](#) [F24D19/10](#) [F24F11/00](#) [G08B19/00](#) (Advanced/Invention);
[E05B1/00](#) [F24D19/00](#) [F24F11/00](#) (Core/Invention)

CPC: [F24D19/10](#) [F24F11/0001](#) [F24F11/001](#) [F24F11/0012](#) [F24F11/0015](#) [F24F2011/0026](#)
[F24F2011/0056](#) [F24F2011/0068](#) [F24F2011/0091](#) [F24F2221/20](#) [Y02B30/78](#) [Y10T16/458](#)

European class: [F24D19/10](#) [F24F11/00C](#) [R24F11/00R3](#) [R24F11/00R3A](#) [R24F11/00R3B](#) [R24F11/00R3C9](#)
[R24F11/00R3S](#) [R24F11/00R5F](#) [R24F11/00R9E](#) [R24F221/20](#) [Y02B30/78](#) [Y02B30/94](#)

US class: [16/412](#) [16/412S](#) [340/521](#) [340/521P](#)

[Classification Explorer](#)

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DE19833848 A1, DE10323686 A1,

DE102006032858 B4

Forward Citations: WO15113592, US9164002, US2013301675, EP3091749, EP2180269, DE102014002164, DE102010061735,

Abstract:

Source: US2011090077A The invention relates to a device for monitoring room climate and ventilation behavior in and of inside rooms, having a readable memory unit, a control unit, and a signal generator that are integrated into a window or door handle, wherein the memory unit and/or the control unit is connected to at least one of the following sensors: a sensor that registers the position of the window or door handle (open, closed, or tilted), which may then be stored with the associated time data, or a sensor that measures the room temperature, or a sensor that measures the relative or absolute humidity of the room air such that, upon the room temperature falling below a preprogrammable value and/or upon the room air humidity exceeding a preprogrammable value, the signal generator is activated.

PatBase - W009068002_A1

WD 3029444002

1/3

PCEDE2M000144

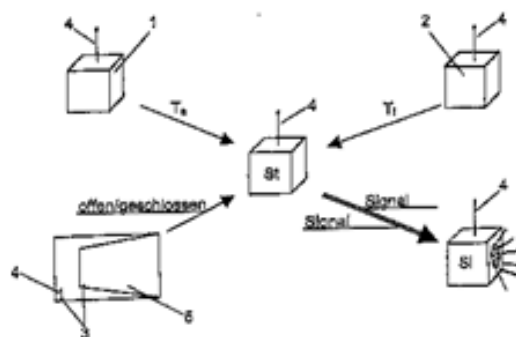


Fig. 1

71) Family number: 49899988 (EP2385608A2)

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Title: ELECTROMOTOR FOR FURNITURE WITH AN ENERGY SUPPLY DEVICE**Priority:** DE201020005406U 20100507

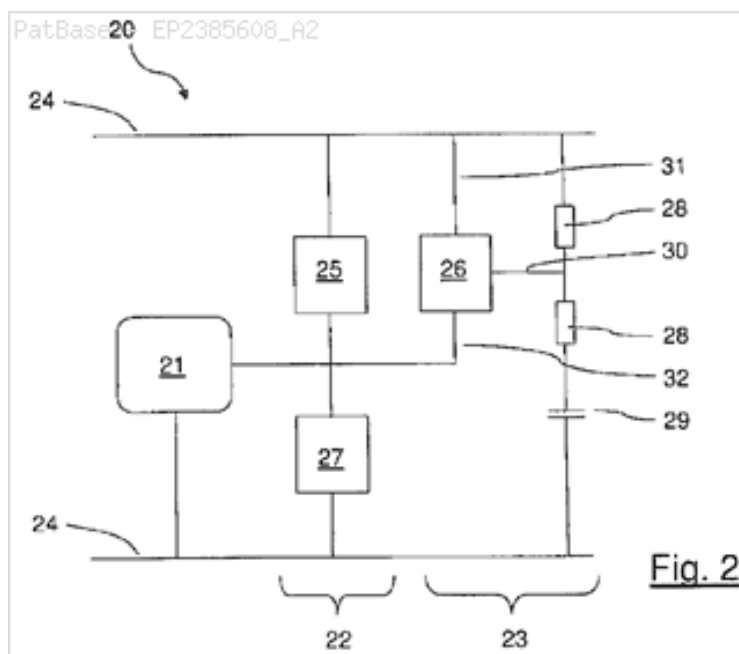
Family:	Publication number	Publication date	Application number	Application date
	<u>DE202010005406 U1</u>	20111201	DE201020005406U	20100507
	<u>EP2385608 A2</u>	20111109	EP20110165168	20110506

Probable Assignee: DEWERT ANTRIEBS SYSTEMTECH**Assignee(s):^(std):** DEWERT ANTRIEBS SYSTEMTECH**Assignee(s):** DEWERT ANTRIEBS U SYSTEMTECHNIK GMBH ; DEWERT ANTRIEBS UND SYSTEMTECHNIK GMBH**Inventor(s):^(std):** HILLE ARMIN**Agent(s):** DANTZ JAN HENNING**Designated states:** AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR**International class** G05F1/10 H02J7/34 H02M1/36 (Advanced/Invention)
(IPC 8-9):**CPC:** A47C20/041 H02J7/345**European class:** H02J7/34C[Classification Explorer](#)**Cited documents:** US2007086223 AA, DE2009014197,

DE102009014197 A1

Forward Citations: WO16087171, US9041344, FR3029712, DE102012104758,**Abstract:**

The drive i.e. linear drive, has an energy supply device designed according to the type of a switching network part and comprising an intermediate current circuit (20), which is provided with a control component (21) for controlling the switching network part. An energy source (27) is attached to the control component. A voltage controlled auxiliary energy supply (23) is connected parallel to the energy source of the control component, and with a LED. The auxiliary energy supply supplies the control component with electrical energy, during initiation of operating condition. The energy source is designed as a capacitor and battery i.e. rechargeable battery. The voltage controlled auxiliary energy supply is designed as a photovoltaic voltage generation unit, which is provided in form of solar cells and photovoltaic couplers.



Title: FURNITURE DRAWER**Priority:** AT20010000785 20010517 EP20020007955 20020410

Family:	Publication number	Publication date	Application number	Application date
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	AT7852001 A5	20050515	AT20010000785	20010517
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	EP1260158 A3	20030423	EP20020007955	20020410
	EP1260158 B1	20051109	EP20020007955	20020410
	EP1260158 B2	20080813	EP20020007955	20020410
	ES2251539 T3	20060501	ES20020007955T	20020410
	ES2251539 T5	20090301	ES20020007955T	20020410
	JP2003000372 A2	20030107	JP20020141447	20020516
	JP4258702 B2	20090430	JP20020141447	20020516
	US2002171335 AA	20021121	US20020144743	20020515

Probable Assignee: JULIUS BLUM GES MBH**Assignee(s):^(std):** BLUM GMBH JULIUS ; JULIUS BLUM GMBH HOECHST**Assignee(s):** HELD WOLFGANG ; JULIUS BLUM GES ; JULIUS BLUM GES MBH ; JULIUS BLUM GESELLSCHAFT M B H ; JULIUS BLUM GMBH**Inventor(s):^(std):** HELD WOLFGANG ; HELD WOLFGANG ; WOLFGANG HELD**Inventor(s):** WOLFGANG HELD**Agent(s):** TORGGLER PAUL NORBERT ET AL**Designated states:** AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

International class [A47B77/08](#) [A47B88/00](#) [A47B88/04](#) [A47B97/00](#) [F21S9/03](#) [F21V33/00](#) (Advanced/Invention) ;
 (IPC 8-9) [A47B77/08](#) [A47B88/00](#) [A47B88/04](#) [A47B97/00](#) [F21S9/00](#) [F21V33/00](#) (Core/Invention)

International class [A47B77/12](#) [A47B81/00](#) [A47B88/00](#) [A47B88/04](#) [A47B97/00](#) [H05K5/00](#)
 (IPC 1-7)

CPC: [A47B2220/0077](#) [F21V33/0012](#) [A47B77/08](#) [A47B88/00](#) [A47B2200/0083](#) [F21S9/037](#)
[F21V23/02](#) [F21V23/04](#) [F21W2131/301](#)**European class:** [A47B77/08](#) [A47B88/00](#) [A47B88/04](#) [F21S9/02](#) [F21S9/03W](#) [F21V23/02](#) [F21V23/04](#)
[F21V33/00A3](#) [K47B200/00E3](#) [R21W131/301](#)**US class:** [312/223.6](#) [312/223.600P](#)[Classification Explorer](#)

Cited documents: US6322174 BA, US6169655 BA, US6169655 A, US5772291 A, US5664874 A, US5645340 A, US5399007 A, US5276310 A, US5246285 A, US4920760 A, US4442478 A, US4178626 A, US4172967 A, US4095859 A, US4071747 A, US3028209 A, US2875321 A, US2456867 A, US1532935 A, US1497728 A, JP7184769, JP6205711, JP5199666 A2, JP4338421 A2, EP0905962 A1, EP0709050 A1, EP0269881 A2, DE4425641 A1, DE4327379 A1, DE3712530 A1, DE3303727 A1, DE3106068 A1, DE20018317 U1, DE19705779 C1, DE19540057 C1,

Forward Citations:

Abstract:

73) Family number: 28216420 (US2002085968A)

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Title: METHOD FOR PRODUCING SELF-ASSEMBLED OBJECTS COMPRISING SINGLE-WALL CARBON NANOTUBES AND COMPOSITIONS THEREOF

Priority: EP19980911518 19980306 JP19980538896 19980306 US19970055037P 19970808
 US19970047854P 19970529 US19970040152P 19970307 JP19980538896T 19980306
 US20010032726 20011228 US20010032732 20011228 US20010032932 20011228
 US19980380545 19980306 US19990380545 19991222 US19970067325P 19971205
 US19970064531P 19971105 US19970063675P 19971029 US20010033050 20011228
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 US20060507971 20060822 US20060508092 20060822

Family:

Publication number	Publication date	Application number	Application date
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<u>US2009169463 AA</u>	20090702	US20060507964	20060822
<u>US2011086781 AA</u>	20110414	US20060508092	20060822
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<u>US7390767 BB</u>	20080624	US20060507973	20060822
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<u>US7419651 BB</u>	20080902	US20060507965	20060822
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<u>US7939136 BB</u>	20110510	US20060508092	20060822
<u>WO9839250 A1</u>	19980911	WO1998US04513	19980306

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Assignee(s): WILLIAM MARSH RICE UNIV HOUSTON ; WILLIAM MARSH RICE UNIVERSITY HOUSTON ; WILLIAM MARSH RICE UNIVERSITY A TEXAS UNIVERSITY ; NATIONAL SCIENCE FOUNDATION ; WILLIAM MARSH RICE UNIV A TEXAS UNIV

Inventor(s):^(std): ANDREAS THESS ; ANDREW G RINZLER ; COLBERT DANIEL T ; DAI HONGJIE ; DANIEL T COLBERT ; GUO TING ; HAFNER JASON H ; HONGJIE DAI ; JASON H HAFNER ; JIE LIU ; KEN SMITH ; LIU JIE ; NIKOLAEV PAVEL ; PAVEL NIKOLAEV ; RICHARD E SMALLEY ; RINZLER ANDREW G ; SMALLEY RICHARD E ; SMITH KEN ; THESS ANDREAS ; TING GUO ; THESS ANDREAS MAX PLANCK INSTI ; SMALLEY E ; RINZLER G ; SMITH KENNETH A ; HAFNER H ; COLBERT T

Inventor(s): COLBERT DANIEL ; SMITH KENNETH ; SMALLEY RICHARD ; RINZLER ANDREW ; HAFNER JASON ; THESS ANDREAS MAX ; THESS ANDREAS MAX PLANCK INSTITUT FUER BIOCHEMIE ; THESS ANDREAS MAX PLANCK INSTITUT FUER BIOC ; THESS ANDREAS IE ; THESS ANDREAS MAX PLANCK INST F BIOC

Agent(s): MBM INTELLECTUAL PROPERTY LAW LLP; HARRISON GODDARD FOOTE; TOMITA HIROYUKI; ONO SHINJIRO; SHAMOTO ICHIO; KOBAYASHI YASUSHI; SAKURAI CHIKANORI; CHIBA AKIO; ROSS SPENCER GARSSON WINSTEAD SECHREST AND MINICK PC; FISH AND RICHARDSON PC; GARSSON ROSS SPENCER; SHADDOX ROBERT C; WINSTEAD SECHREST AND MINICK PC; ROBERT C; ROSS SPENCER; EDWARD T; ROSS SPENCER GARSSON; EDWARD; GARSON ROSS SPENCER; MATHESON KEYS GARSSON AND KORDALK PLLC; MATHESON KEYS GARSSON

AND KORDZIK

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class
(IPC 8-9): B01J19/08 B01J19/10 B01J19/12 B01J8/06 B01L7/00 B05D3/10 B82B1/00 B82B3/00 C01B31/00 C01B31/02 C04B35/81 C07C21/00 C07C211/00 C07C221/00 C07C321/00 C07C33/00 C07K5/06 C07K5/08 C07K5/10 C07K7/06 C08K3/04 C08L101/00 C40B50/18 D01F9/12 D01F9/127 G01N13/12 G01N13/16 G01N27/00 G01Q70/06 G01Q70/12 G11B9/00 G11C13/02 G12B21/04 G12B21/08 H01B1/24 H01B5/08 H01B9/00 H01B9/02 H01G9/20 H01L27/10 H01L31/0352 H01L31/06 H01L31/18 H01M10/0525 H01M10/36 H01M2/14 H01M4/133 H01M4/38 H01M4/52 H01M4/525 H01M4/58 H01M4/583 H01M4/587 H01M4/62 (Advanced/Invention); B82B1/00 B82Y30/00 D01F9/12 G11B9/00 H01M10/04 H01M10/052 H01M10/40 H01M4/02 H01M4/52 H01M4/525 (Advanced/Non-invention); B82B1/00 B82B3/00 C01B31/00 C04B35/81 C07C21/00 C07C211/00 C07C221/00 C07C321/00 C07C33/00 C07K5/00 C07K7/00 C08K3/00 C08L101/00 D01F9/12 G01N13/10 G01N27/00 G11B9/00 G11C13/02 G12B21/00 H01B5/00 H01B9/00 H01G9/20 H01L27/10 H01M10/00 H01M4/58 H01M4/62 (Core/Invention); G11B9/00 H01M4/52 (Core/Non-invention)

International class
(IPC 1-7): B01J35/02 B01J8/02 B01J8/04 B01J8/06 B01L7/00 B82B1/00 B82B3/00 C01B31/02 C04B35/81 C07C13/00 C08K3/04 C08L101/00 C09C1/56 D01C5/00 D01F9/12 D01F9/127 F28D1/00 G01B21/08 G01N13/12 G01N13/16 G01N27/00 G11B9/00 G11C11/16 G12B21/04 G12B21/08 H01B9/00 H01G9/20 H01L51/20 H01M4/58 H04B1/18 H05F3/00

CPC: H01M10/0472 H01M10/052 H01M2004/022 H01M2004/027 Y10S977/70 Y10S977/742 Y10S977/745 Y10S977/748 Y10S977/75 Y10S977/753 Y10S977/789 Y10S977/842 Y10S977/843 Y10S977/845 Y10S977/847 Y10S977/848 Y10S977/849 Y10S977/882 Y10S977/948 B01J19/081 B01J19/087 B01J19/10 B01J19/121 B01J19/126 B01J19/129 B01J21/185 B01J23/74 B01J23/755 B01J23/8913 B01J37/0238 B01J37/349 B01J2219/00078 B01J2219/0892 C01B31/0213 C01B31/0233 D01F9/127 D21H27/00 G11C2213/16 G11C2213/71 H01G9/2059 H01L31/0352 H01L31/06 H01L31/18 H01M4/133 H01M4/583 H01M10/0525 Y02E10/542 G11C13/025 B82B3/00 C01B31/026 C01B2202/02 C01B2202/34 D01F9/12 G11B9/1418 G11B9/1445 G11B9/1472 G11B9/149 G11C13/0014 G11C13/0019 G11C2213/81 H01M4/525 H01M4/587 H01M4/625 B82Y10/00 B82Y30/00 B82Y40/00 Y10T428/24058 Y10T428/2918 Y10T428/292 Y10T428/30 Y02P70/521 Y02P70/54 Y02E60/122

European class: B01J19/08B B01J19/08D B01J19/10 B01J19/12B B01J19/12D12 B01J19/12D6 B01J21/18C B01J23/74 B01J23/755 B01J23/89C B01J37/02G B01J37/34D B82B3/00 B82Y10/00 B82Y30/00 B82Y40/00 C01B31/02B2 C01B31/02B4B2 C01B31/02B4D2 D01F9/12 D01F9/127 D21H27/00 G11C13/00R5C G11C13/00R5C4 G11C13/02 G11C13/02N H01G9/20L H01L31/0352 H01L31/06 H01L31/18 H01M10/0525 H01M4/133 H01M4/583 H01M4/587 H01M4/62C2 L01J219/00B2D2B L01J219/08M12 L82T201/01P M01B202/02 M01B202/34 S11B9/14M S11B9/14M2B2 S11B9/14R2 S11B9/14R4 S11C13/02N S11C213/16 S11C213/71 S11C213/81 T01M10/04N T01M10/052 T01M4/02F T01M4/02U1 T01M4/525 Y02E10/54D Y02E60/12 Y02E60/12B

US class: 136/252 204/157.41 204/157.410S 204/157.43 204/157.430S 204/164 204/164S 252/510 252/510P 252/511 257/E31.032 257/E31.032S 361/502 422/19 422/190 422/190S 422/198 422/198P 422/211 422/211S 422/222 422/222S 422/600 422/600S 423/414 423/414P 423/445.00B 423/445.00BP 423/445.00R 423/445B 423/445R 423/447.1 423/447.100P 423/447.100S 423/447.2 423/447.200P 423/447.200S 423/447.3 423/447.300P 423/447.300S 423/447.6 423/46 423/460 423/460S 423/461 423/461P 423/461S 427/301 427/458 428/105 428/367 428/367P 428/368 428/408 429/129 429/231.8 502/182 502/185 506/32 506/32P 524/495 530/328 530/328S 530/329 530/329S 530/330 530/330S 530/331 530/331S 562/553 562/553S 564/1 564/1S 568/300 568/300S 568/61 568/61S 568/700 568/700S 570/101 570/101S 850/55 850/55S 850/58 850/58S 977/700 977/735 977/735S 977/742 977/742S 977/745 977/746 977/746S 977/748 977/748S 977/750 977/753 977/789 977/789S 977/842 977/843 977/845 977/847 977/848 977/849 977/882 977/896 977/896S 977/948 977/DIG.1

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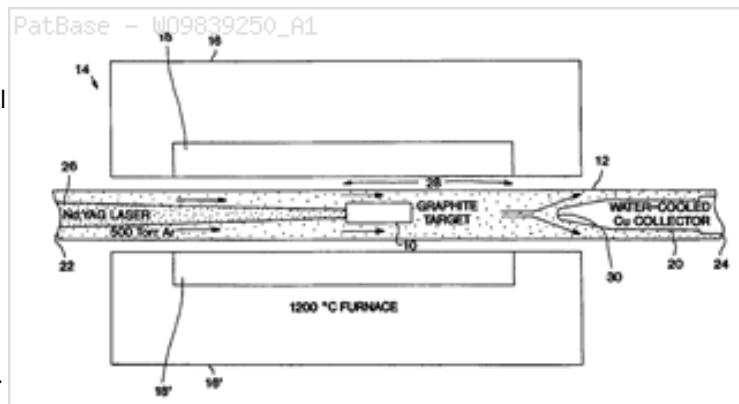
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Abstract:

Source: US2002085968A This invention relates generally to a method for producing self-assembled objects comprising single-wall carbon nanotubes (SWNTs) and compositions thereof. In one embodiment, the present invention involves a three-dimensional structure of derivatized single-wall nanotube molecules that spontaneously form. It includes several component molecule having multiple derivatives brought together to assemble into the three-dimensional structure. In another embodiment, objects may be obtained by bonding functionally-specific agents (FSAs) groups of nanotubes into geometric structures. The bond selectivity of FSAs allow selected nanotubes of a particular size or kind to assemble together and inhibit the assembling of unselected nanotubes that may also be present.



74) Family number: 15590182 (US6461736B)

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Title: Light-colored glass of high transmittance and method for production thereof, glass plate with electrically conductive film and method for production thereof, and glass article

Priority: JP19980251287 19980904 JP19980311227 19981030 JP19990225301 19990809
 JP20000308572 20001010 JP19990223584 19990806 JP19990173216 19990618
 WO1999JP04754 19990901 JP20060303899 20061109

Family:	Publication number	Publication date	Application number	Application date
	<u>CA2342910 AA</u>	20010302	CA19992342910	19990901
	<u>CA2342910 C</u>	20080805	CA19992342910	19990901
	<u>DE69929891 D1</u>	20060420	DE19996029891	19990901
	<u>DE69929891 T2</u>	20060824	DE19996029891T	19990901
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	<u>WO0014021 A1</u>	20000316	WO1999JP04754	19990901
	<u>WO0014021 C1</u>	20000629	WO1999JP04754	19990901

Probable Assignee: NIPPON SHEET GLASS CO LTD

Assignee(s):^(std): HIRATA MASAHIRO ; HYODO MASATO ; KOYAMA AKIHIRO ; KURODA ISAMU ; NIPPON SHEET GLASS CO LTD ; NAGASHIMA YUKIHITO ; NAKAMURA KOICHIRO

Assignee(s): NIPPON SHEET GLASS CO ; NIPPON SHEET GLASS COMPANY LIMITED

Inventor(s):^(std): HIRATA LTD ; HIRATA MASAHIRO ; HYODO LTD ; HYODO MASATO ; KOYAMA AKIHIRO ; KOYAMA LTD ; KURODA ISAMU ; KURODA LTD ; NAGASHIMA LTD ; NAGASHIMA YASUKIMI ; NAGASHIMA YUKIHITO ; NAKAMURA KOICHIRO ; NAKAMURA LTD

Agent(s): SMART AND BIGGAR

Designated states: AT BE CA CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE US

International class
 (IPC 8-9): C03B18/14 C03B27/04 C03C1/00 C03C17/23 C03C17/34 C03C27/06 C03C27/12 C03C3/087 C03C3/089 C03C3/091 C03C3/095 F25D23/02 F25D23/06 G02F1/133 H01J9/02 H01L31/04 (Advanced/Invention);
C03C3/087 F25D21/04 F25D23/02 H01L31/04 (Advanced/Non-invention);
C03B18/00 C03B27/00 C03C1/00 C03C17/23 C03C17/34 C03C27/06 C03C27/12 C03C3/076 H01L31/04 (Core/Invention);
F25D21/00 F25D23/02 H01L31/04 (Core/Non-invention)

International class
 (IPC 1-7): B32B17/06 C03B1/00 C03B27/00 C03B27/04 C03C1/00 C03C14/00 C03C15/00 C03C17/23 C03C17/34 C03C23/00 C03C27/06 C03C3/087 C03C3/089 C03C3/091 C03C3/095 F25D23/06 H01J9/00 H01J9/02 H01J9/18 H01L31/04 H01L31/06

CPC: C03C3/087 C03C3/095 C03C17/3417 Y02E10/50 Y02B10/10 C03C4/02 C03C17/23 C03C2217/231

European class: C03C17/23 C03C17/34D2 C03C3/087 C03C3/095 C03C4/02 M03C217/231 Y02B10/10 Y02E10/50

US class: 428/426 428/432 501/70 65/114 65/99.1 65/991

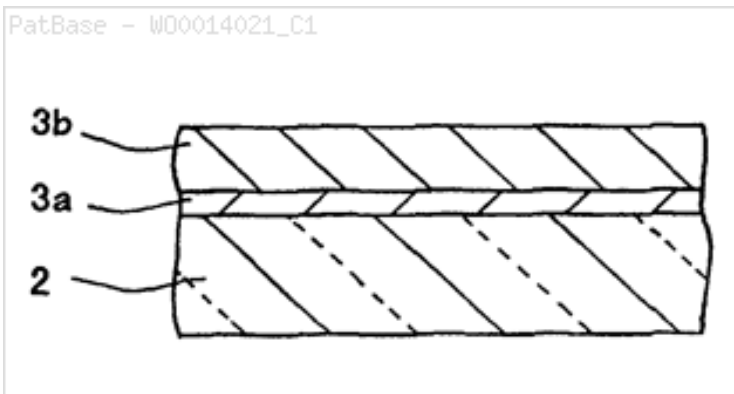
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Forward Citations: WO16091672, WO15172983, WO15171575, WO15168075, WO15168073, WO15168068, WO15085165, WO15071456, WO14088066, WO14061613, WO13064774, WO13061479, WO13047806, WO12016053, WO11006829, WO10024636, WO10024636, WO09002726, WO08096876, WO08063425, WO07106226, WO07106223, WO06121601, WO06083545, WO04025334, WO04025334, WO03064342, WO03059836, WO03057638, WO0166477, USRE44869, US9637408, US9630874, US9466327, US8966941, US8881542, US8867320, US8802216, US8769879, US8664132, US8648252, US8637762, US8609980, US8609777, US8399098, US8399097, US8399095, US8399081, US8375639, US8304358, US8298659, US8220204, US7893350, US7858545, US7700870, US7700869, US7683000, US7666511, US7601660, US7560403, US7560402, US7557053, US7492347, US7482295, US7482294, US7326665, US7184027, US7169722, US7144837, US7087307, US7048414, US7037869, US7030047, US6949484, US6903729, US6844280, US2016083291, US2016018949, US2016018919, US2016002094, US2013083407, US2012132269, US2012090246, US2012021185, US2011176396, US2011135938, US2011023943, US2011012842, US2010167061, US2010163099, US2010126227, US2010126218, US2010112356, US2010080983, US2009242030, US2009176108, US2009122359, US2008286548, US2008231159, US2008223061, US2008115828, US2008096754, US2008090718, US2008085827, US2007021289, US2006293163, US2005188725, US2005156907, US2004180775, US2004180218, US2004158532, US2003216241, US2003199384, US2003179563, US2003071796, US2003041533, US2002180712, TWI557089, KR101167766, KR101144808, KR101136044, KR100983476, KR100983476, KR100794545, JP5962663, JP5890321, JP5881303, JP5445190, JP5231358, JP4887377, JP2015506889, JP2015506889, JP2013530915, JP2013518021, JP2013047806, JP2013011980, JP2012533886, JP2012509829, JP2012208206, JP2011162379, JP2011149710, JP2010053031, JP2009039523, JP2003087530, FR2982256, FR2844364, EP3031783, EP2889276, EP2883694, EP2873653, EP2712849, EP2573813, EP2331472, EP2286994, EP1938964, EP1293726, EP1281687, EP1281687, EP1201615, DE202007019352, DE202007019226, DE102009029086, DE102009029086, DE102009029086, CN105189386, CN105073667, CN103842307, CN103313949, CN102471141, BE1014579,

Abstract:

Source: US6461736B Light-colored high-transmittance glass is provided which is made of a composition containing, as coloring components, on a weight percent basis, 0.02 to 0.06 percent (excluding 0.06 percent) total iron oxide based on Fe₂O₃, less than 0.024 percent FeO, and 0 to 0.5 percent cerium oxide and having a ratio of FeO based on Fe₂O₃ to the total iron oxide of less than 40 percent. The light-colored high-transmittance glass has a solar radiation transmittance of at least 87.5 percent and a visible light transmittance measured with the illuminant C of at least 90 percent when having a thickness of 3.2 mm. A glass sheet with a conductive film also is provided which includes a transparent conductive film formed on a surface of a glass sheet formed of the light-colored high-transmittance glass.



75) Family number: 47415122 (DE202010007713U1)

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Title: Tisch mit wenigstens einer angetrieben hoeohenverstellbaren Tischplatte Table with at least one propelled hoeohenverstellbaren desk top (Machine translation)

Priority: DE201020007713U 20100605

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202010007713 U1</u>	20101014	DE201020007713U	20100605

Probable Assignee: REISS BUEROMOEBEL GMBH

Assignee(s):^(std): REISS BUEROMOEBEL GMBH

International class A47B9/00 H02N6/00 (Advanced/Invention)
(IPC 8-9):

CPC: A47B9/00

European class: A47B9/00

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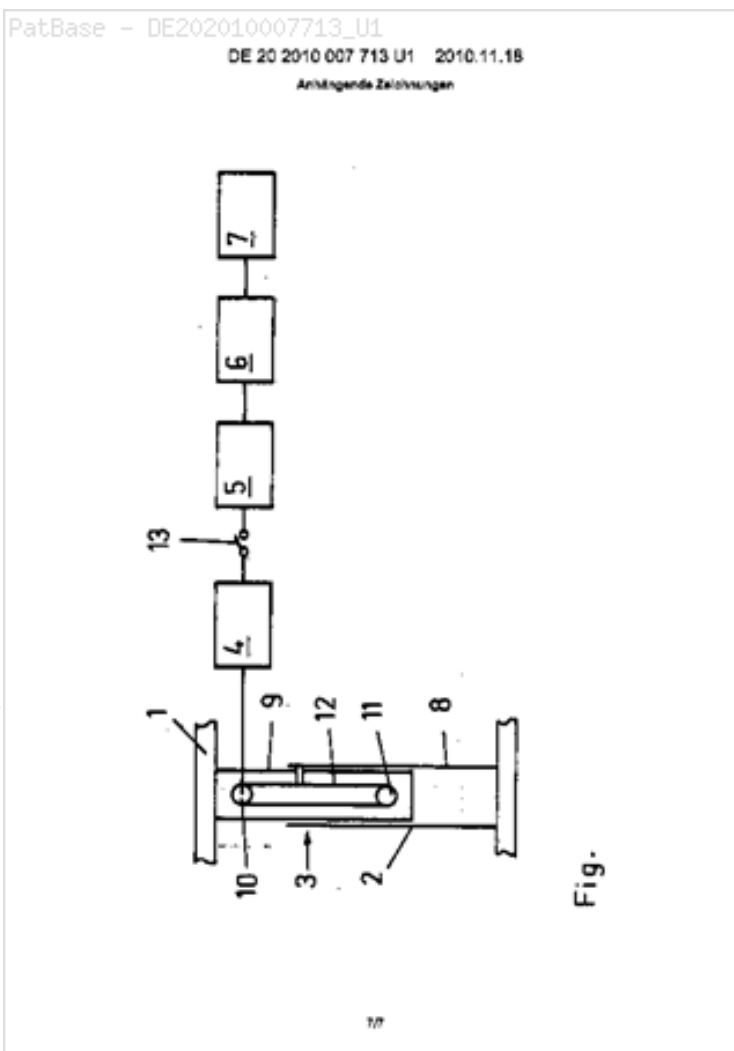
Cited documents: DE20013673 U1, DE20012072 U1,

Forward Citations: US9345318, DE102012101890,

Abstract:

Source: DE202010007713U1 (Claim 1) 1.

Tisch mit wenigstens einer angetrieben hoeohenverstellbaren Tischplatte, wobei die Tischplatte an ueber einen Verstellmechanismus in ihrer Laenge veraenderbaren Tischbeinen oder Seitenstaendern gekoppelt ist, dadurch gekennzeichnet, dass Solarzellen (7) ein Bestandteil des Tisches sind, dass die Solarzellen (7) ueber ein Ladegeraet (6) mit wenigstens einem Akkumulator (5) zusammengeschaltet sind und dass der Akkumulator (5) ueber einen Schalter (13) mit mindestens einem Elektromotor (4) als Bestandteil des Verstellmechanismus (3) verbunden ist, so dass die Tischplatte (1) ueber den Elektromotor (4) autark in ihrer Hoehe verstellbar ist. (Claim 1) 1. Table marked by at least one propelled hoeohenverstellbaren desk top, whereby the desk top is coupled over an adjustment mechanism in their length changeable table-legs or side stands on, by the fact that the solar cells (7) are a component of the table that the solar cells (7) are hooked up over a battery charger (6) with at least one accumulator (5) and that the accumulator (5) is connected over a switch (13) with at least one electric motor (4) as a component of the adjustment mechanism (3), so that the desk top (1) is over the electric motor (4) selfly-sufficient in its height adjustable.



76) Family number: 31413226 (US2004260255A)

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Title: COLLECTING VESSEL FOR BODY FLUIDS

Priority: EP20040729566 20040426 SE20030001817 20030619 US20030481377P 20030915
 SE20030002434 20030911 US20040831841 20040426 SE20050000068 20050112
 WO2004SE00637 20040426 US20040832165 20040426 US20040832047 20040426

Family:	Publication number	Publication date	Application number	Application date
	<u>AT476206 E</u>	20100815	AT20040121511T	20040426
	<u>CN1826148 A</u>	20060830	CN200480020679	20040426
	<u>CN1826148 B</u>	20101013	CN200480020679	20040426
	<u>DE602004028531 D1</u>	20100916	DE200460028531T	20040426
	<u>EP1644058 A1</u>	20060412	EP20040729566	20040426
	<u>EP1894584 A2</u>	20080305	EP20070121511	20040426
	<u>EP1894584 A3</u>	20080716	EP20070121511	20040426
	<u>EP1894584 B1</u>	20100804	EP20070121511	20040426
	<u>SE200301817 A0</u>	20030619	SE20030001817	20030619
	<u>SE200302434 A</u>	20041220	SE20030002434	20030911
	<u>SE200302434 A0</u>	20030911	SE20030002434	20030911
	<u>SE200302434 L</u>	20041220	SE20030002434	20030911
	<u>SE200500068 A</u>	20050112	SE20050000068	20050112
	<u>SE200500068 L</u>	20050112	SE20050000068	20050112
	<u>SE527571 C2</u>	20060411	SE20050000068	20050112
	<u>SE528370 C2</u>	20061031	SE20030002434	20030911
	<u>US2004260255 AA</u>	20041223	US20040832165	20040426
	<u>US2004267215 AA</u>	20041230	US20040832047	20040426
	<u>US2005154359 AA</u>	20050714	US20040831841	20040426
	<u>WO04110523 A1</u>	20041223	WO2004SE00637	20040426

Probable Assignee: MILLICORE AB**Assignee(s):**^(std) CHARLEZ JARL ; LOEFGREN MIKAEL ; MEDELA HOLDING AG ; MILLICORE AB ; PETTERSSON TORBJOERN**Assignee(s):** PETTERSSON TORBJORN ; LOFGREN MIKAEL**Inventor(s):**^(std) LOEFGREN MIKAEL ; LOFGREN MIKAEL ; MIKAEL LOEFGREN ; PETTERSSON TORBJOERN ; PETTERSSON TORBJORN ; TORBJOERN CHARLEZ JARL LOEFGRE ; TORBJOERN PETTERSSON ; JARL CHARLEZ ; CHARLEZ JARL**Inventor(s):** CHARLEZ JARL LOEFGREN MIKAEL PETTERSSON TORBJOERN**Agent(s):** BENGTTSSON PEGGY KATRIN; CLERC NATALIA; RICHARD J STREIT LADAS AND PARRY

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class A61M1/00 G01F1/684 G01F1/696 (Advanced/Invention);
^{(IPC 8-9):} A61M1/00 G01F1/684 G01F1/696 (Core/Invention);
A61M (Subclass/Invention)

International class A61M1/00 G01F1/68
^{(IPC 1-7):}

CPC: A61M1/0033 A61M1/0035 A61M2205/3379 G01F1/6845 G01F23/02 A61M2205/3331
A61M2205/3561 A61M2205/3569 A61M2205/3592 A61M2205/50 A61M1/0013

A61M1/0031 A61M1/0001 A61M1/0023 A61M27/00 A61M25/0075 A61M1/0029
A61M1/0027 A61M2205/15

European class: A61M1/00A A61M1/00A6 A61M1/00H A61M1/00H2 A61M27/00 G01F1/684M G01F23/02
K61M1/00H2A K61M1/00H2B K61M205/33P K61M205/33V K61M205/35R2
K61M205/35R3 K61M205/35T2 K61M205/50

US class: 604/317 604/317P

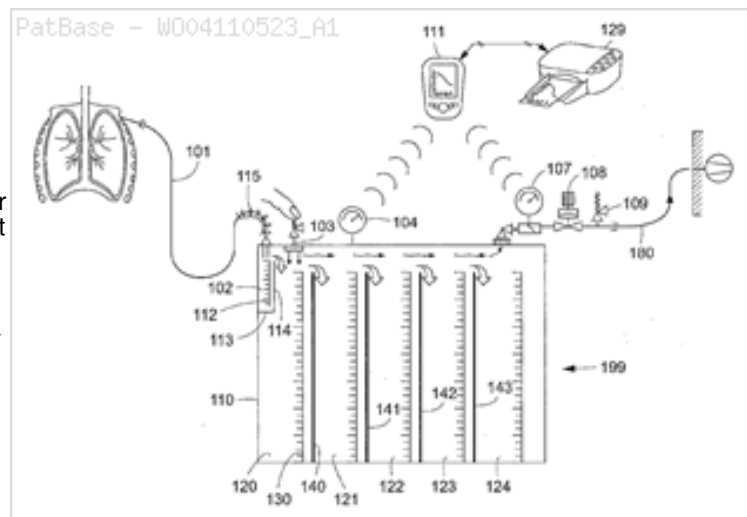
[Classification Explorer](#)

Cited documents: WO9910024 A1, WO0198735 A2, USD43834 S1, US6139758 A, US6105379 A, US5765432 A, US5263380 A, US4895706 A, US4889531 A, US4710165 A, US4654029 A, US4372336 A, US4289158 A, US3853128 A, US3830238 A, US3683913 A, US3559647 A, US3363827 A, US3363627 A, US3363626 A, US336327 A, US2003041670 AA, US2003010110 AA, US2002092349 AA, GB2077397 A1, FR2560770 A1, EP1184043 A1, DE19654014 C1,

Forward Citations: WO16183070, WO14144769, WO12162848, WO10039481, WO09005424, USD548831, US9314599, US9102573, US9067842, US8992493, US8882678, US8439882, US8430866, US7933817, US7441460, US2014213992, US2014100540, US2011071415, US2008105058, US2008005000, JP2010532203, EP2905038, EP2331162, EP2285434, EP2285434, EP2143452, CN103582501, CN103582501, CH705011,

Abstract:

Source: US2004260255A A drainage apparatus (199) useable for collecting fluid from a body cavity of a patient by suction, comprising means (108, 180) for generating a negative pressure in the body cavity, and a collection chamber (110) for said fluid, where said chamber comprises connection means for connecting a drainage tube (101) having a first end connectable to the patient, and a second end connectable to the collection chamber (110), where the evacuated air is made to pass through a flow structure that comprises a micro-electro-mechanical system (MEMS) sensor having a number of bridge coupled sensor resistors and a heating resistor for measuring a flow of air during suction, and a flow display organ (107) showing a value corresponding to the said flow of air.



0) US2003071628A – AIRCRAFT ELECTROSTATIC DISCHARGE TEST SYSTEM

77) Family number: 33338221 (US2003071628A)

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Title: AIRCRAFT ELECTROSTATIC DISCHARGE TEST SYSTEM

Priority: US20010325878P 20010928 US20010340176P 20011210 US20020256812 20020927
 US20040578745P 20040610 US20020315561 20021210 US20020356557P 20021210
 US20020356557P 20020212 US20020416146P 20021004 US20040640277P 20041231
 US20050593922 20050608 US20040917793 20040812 WO2003US04092 20030212
 WO2005US20205 20050608 US20050148499 20050609 WO2003US04092 20030213
 WO2002US39436 20021210 US20040640465P 20041231 US20050104125 20050412
 WO2005US45686 20051219 WO2002US31070 20020927

Family:

Publication number	Publication date	Application number	Application date
<u>AT457505 E</u>	20100215	AT20050857101T	20051219
<u>AU2002334737 AA</u>	20030407	AU20020334737	20020927
<u>AU2002357807 AA</u>	20030623	AU20020357807	20021210
<u>AU2002357807 AH</u>	20030623	AU20020357807	20021210
<u>AU2003243131 AA</u>	20040419	AU20030243131	20030213
<u>DE602005019331 D1</u>	20100325	DE200560019331T	20051219
<u>EP1461789 A2</u>	20040929	EP20020792348	20021210
<u>EP1461789 A4</u>	20101006	EP20020792348	20021210
<u>EP1543343 A1</u>	20050622	EP20030798652	20030213
<u>EP1846775 A2</u>	20071024	EP20050857101	20051219
<u>EP1846775 A4</u>	20090304	EP20050857101	20051219
<u>EP1846775 B1</u>	20100210	EP20050857101	20051219
<u>US2003071628 AA</u>	20030417	US20020256812	20020927
<u>US2005116720 AA</u>	20050602	US20040917793	20040812
<u>US2005122118 AA</u>	20050609	US20020315561	20021210
<u>US2006009887 AA</u>	20060112	US20050104125	20050412
<u>US2006261818 AA</u>	20061123	US20050148499	20050609
<u>US2008167835 AA</u>	20080710	US20050593922	20050608
<u>US6900642 BB</u>	20050531	US20020256812	20020927
<u>US6922059 BB</u>	20050726	US20020315561	20021210
<u>US7154275 BB</u>	20061226	US20050148499	20050609
<u>US7286912 BB</u>	20071023	US20050104125	20050412
<u>US7765083 BB</u>	20100727	US20050593922	20050608
<u>WO03027683 A2</u>	20030403	WO2002US31070	20020927
<u>WO03027683 A3</u>	20030814	WO2002US31070	20020927
<u>WO03050547 A2</u>	20030619	WO2002US39436	20021210
<u>WO03050547 A3</u>	20030814	WO2002US39436	20021210
<u>WO04029647 A1</u>	20040408	WO2003US04092	20030213
<u>WO06071578 A2</u>	20060706	WO2005US45686	20051219
<u>WO06071578 A3</u>	20061123	WO2005US45686	20051219
<u>WO06083408 A1</u>	20060810	WO2005US45643	20051219
<u>WO06093511 A2</u>	20060908	WO2005US20205	20050608
<u>WO06093511 A3</u>	20070301	WO2005US20205	20050608

Probable Assignee: BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC

Assignee(s):^(std): BAE SYSTEMS INFORMATION ; SUCCI GEORGE P ; BUCHANAN DAVID W ;
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Assignee(s):

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ELECTRONIC SYSTEMS INTEGRATION INC ; BAE SYSTEMS INFORMATION AND
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SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INT ; BAE SYSTEMS
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THOMAS G ; BUCHANAN DAVID W ; BUCHANAN DAVID

Inventor(s): CEHELNIK THOMAS ; THOMAS G CEHELNIK ; RUBIN EUGENE ; PAUL A ZANK ;
ELDON M SUTPHIN ; DAVID W BUCHANAN

Agent(s): BAE SYSTEMS PLC GROUP IP DEPARTMENT; BAE SYSTEMS INFORMATION AND
ELECTRONIC SYSTEMS INTEGRATION INC; MAINE AND ASMUS; ROBERT K
TENDLER; BAE SYSTEMS; ROBERT K; DANIEL J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN
CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ
GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV
LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL
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International class
(IPC 8-9): G01C1/00 G01C17/00 G01C21/06 G01C23/00 G01C5/00 G01D9/00 G01R29/08
G01R29/12 G01R31/00 G01R31/02 G01S1/24 G01S3/02 G01S3/14 G06F9/45
G08B13/26 G08B5/38 (Advanced/Invention);
G01D9/00 G06F19/00 (Advanced/Non-invention);
G01C1/00 G01C21/04 G01C23/00 G01C5/00 G01D9/00 G01R29/08 G01R29/12
G01R31/00 G01R31/02 G01S3/02 G01S3/14 G06F9/45 G08B13/22
G08B5/22 (Core/Invention);
G01D9/00 G06F19/00 (Core/Non-invention)

International class
(IPC 1-7): G01R29/12 G01R5/28 G01S13/00 G01S3/02 G01W1/00 G06F9/45 G08B13/26

CPC: G01S5/00 G01S5/06 G01V3/088 G01R29/12 G01D9/005 G01R15/165 G01R29/0878
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G08G5/0021 G01C5/005 G08G5/0086

European class: G01C23/00 G01C5/00A G01D9/00S G01R29/08E3 G01R29/12 G01R31/00E G01R31/00T
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G08G5/00B2 G08G5/00F6 S01R15/16B S01R29/12 S01R29/24

US class: 102/347 324/451 324/457 324/72 340/561 340/854.8 701/10 701/211 701/3 701/301
701/431 701/435 701/9 702/150 702/151 702/151P 73/861.12

[Classification Explorer](#)

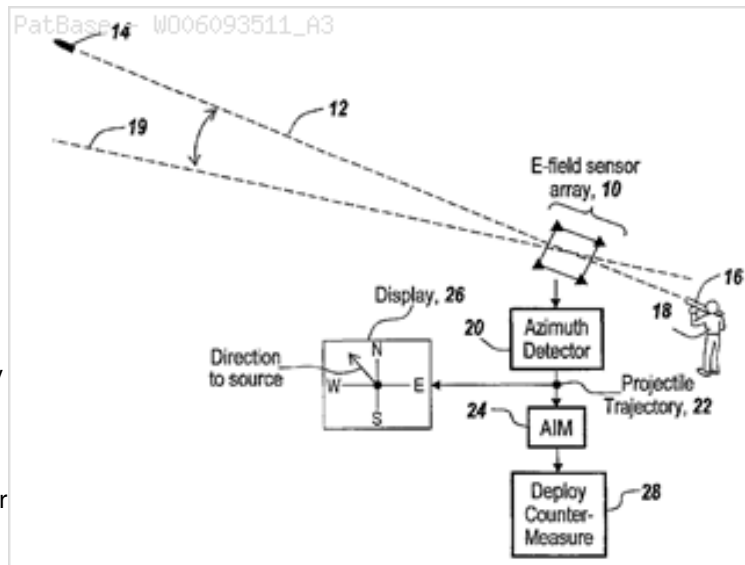
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Forward Citations: WO16087378, WO16069735, WO13064813, WO13064813, WO11163143, WO11041001,
WO09077713, WO09077712, WO08147574, WO08147460, WO06071578, WO06054910,
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Abstract:

Source: US2003071628A A low cost diagnostic system for testing the airborne static discharge systems and the grounding systems for aircraft. The present invention is a passive electrostatic detection scheme comprising an array of inexpensive, miniaturized sensors for measuring the detected E-field disturbances from aircraft. The measurements are taken on the runway upon arrival and indicate whether the aircraft had an appreciable accumulated charge indicating a failure of the electrostatic discharge system. The system further verifies that the ground discharge devices are properly working and any charge is dissipated upon landing. In one embodiment the measurement information is transmitted to a central location where the aircraft and the measurement data are matched and maintenance is scheduled for aircraft having high levels of electrostatic charge.



78) Family number: 47095396 (DE202010005543U1)

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Title: STROMTANKSTELLE POWER STATION (Machine translation)

Priority: DE201020005543U 20100602

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202010005543 U1</u>	20100930	DE201020005543U	20100602

Probable Assignee: SEMPERLUX AG

Assignee(s):^(std): SEMPERLUX AG ; SEMPERLUX AG LICHTTECHNISCHE W

Assignee(s): SEMPERLUX AKTIENGESELLSCHAFT LICHTTECHNISCHE WERKE ; SEMPERLUX LICHTTECHNISCHE WERKE AG

International class B60L11/18 F21S8/08 F21S9/03 F21S9/04 F21V23/00 H02J3/00 H02J3/32
(IPC 8-9): H02J7/00 (Advanced/Invention)

CPC: Y02E60/721 Y04S10/126 B60L11/1825 B60L11/1818 B60L2230/22 B60L2230/24
F21S8/086 F21S9/03 F21S9/04 F21V21/10 F21V33/00 H02J3/32 H02J7/02 Y02T10/7005
Y02T10/7088 Y02T90/121 Y02T90/128 Y02T90/14

European class: B60L11/18L4 B60L11/18L4A B60L11/18L7A F21S8/08H2 F21V33/00 L60L230/22
L60L230/24 R21S9/03 R21S9/04 R21V21/10 T02J3/32 T02J7/02 Y02T10/70B
Y02T10/70J4 Y02T90/12B Y02T90/12L Y02T90/14

[Classification Explorer](#)

Cited documents: DE202008014768 U1

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DE102008015771 A1

Forward Citations: WO14076412, WO14076268, WO13128249, WO13128249, WO13034872, WO12107091, WO12076341, WO12076341, WO12045383, US9280862, US9130359, GB2509281, GB2509281, FR2998110, FR2970544, EP2740630, DE102014206074, DE102013008592, DE102012023252, DE102012023252, DE102012022963, DE102011085692, DE102011010809, DE102010062820, DE102010062815, CN104144815, CN102487203,

Abstract:

Source: DE202010005543U1 (Claim 1) 1. Stromtankstelle fuer Kraftfahrzeuge und andere Verbraucher elektrischer Energie, enthaltend (a) eine Verbindung mit einem elektrischen Versorgungsnetz; (b) zumindest einen Anschluss zum Anschliessen eines Stromkabels zum uebertragen von elektrischer Energie auf einen elektrischen Energiespeicher oder elektrischen Verbraucher; (c) einen jedem Anschluss zugeordneten Zaehler zum Erfassen der ueber den Anschluss uebertragenen elektrischen Energie; und (d) Freigabemittel zum Freigeben des Anschlusses; dadurch gekennzeichnet, dass (e) das elektrische Versorgungsnetz von der Energieversorgung fuer Strassenleuchten gebildet ist. (Claim 1) 1. Current gas station for motor vehicles and other consumers of electricity, containing (A) a connection with an electrical supply network; (B) at least a connection for attaching a Stromkabels to transfer from electricity to an electrical energy storage or an electrical consumer; (C) each connection an assigned counter for seizing the electricity transferred over the connection; and (D) release means for releasing the connection; by the fact characterized that (E) the electrical supply network by the power supply for Strassenleuchten is formed.

PatBase - DE202010005543_U1

DE 20 2010 005 543 U1 2010.11.04

Anhängende Zeichnungen

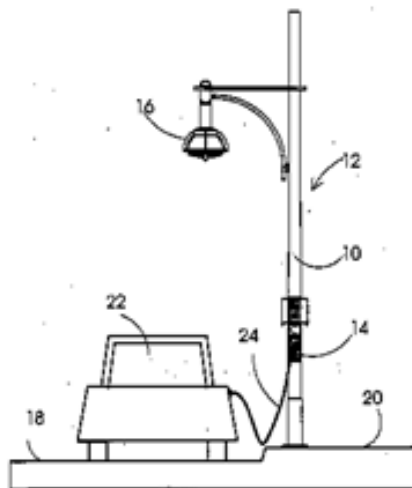


Fig. 1

79) Family number: 45439021 (SE200802354A)

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Title: ANORDNING PA STOLPE, SAERSKILT FOER PLACERING VID ENVAEGS KANT
DEVICE pole, Saers FILIBEG bed for placement at ENVAEGS BORDER (Machine translation)

Priority: SE20080002354 20081106

Publication number	Publication date	Application number	Application date
<u>SE200802354 A1</u>	20100507	SE20080002354	20081106

Probable Assignee: RUDENLOEV MARTIN

Assignee(s):^(std): RUDENLOEV MARTIN

Assignee(s): MARTIN RUDENLOEV

Inventor(s):^(std): RUDENLOEV MARTIN

Inventor(s): MARTIN RUDENLOEV

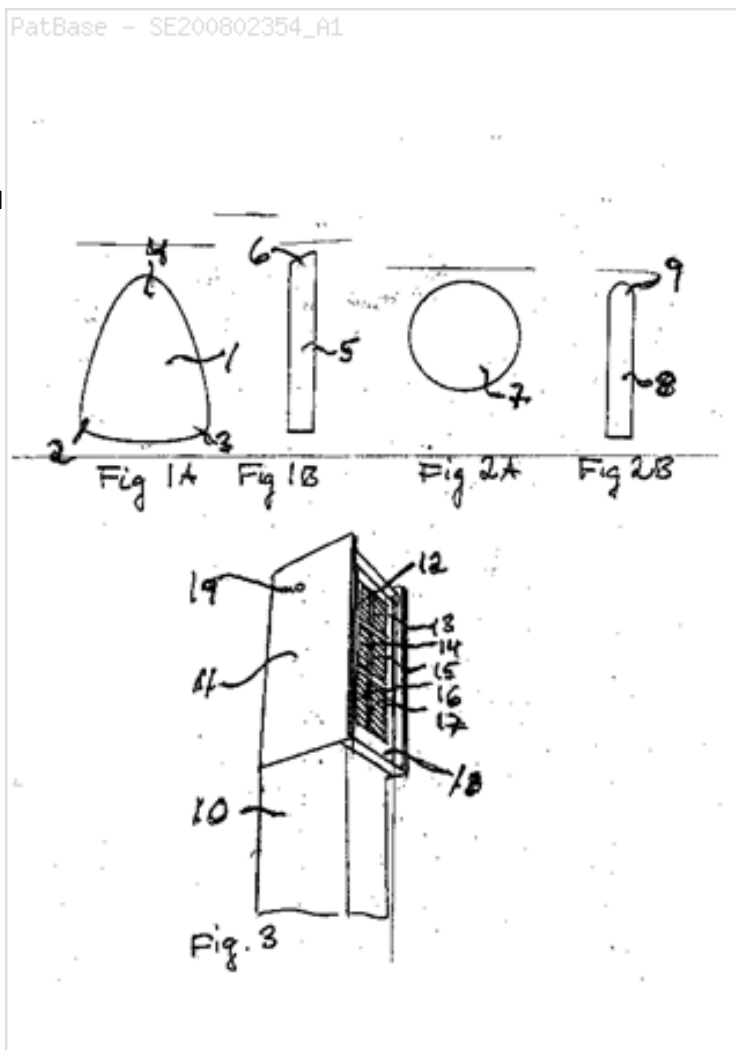
International class E01F9/608 E01F9/615 G09F13/22 (Advanced/Invention)
(IPC 8-9):

CPC: G09F13/22 G09F2013/222 E01F9/615 E01F9/617

[Classification Explorer](#)

Abstract:

(Claim 1) first Apparatus for pole particularly for placement on a road edge, comprising solar cells and LEDs, characterized by a housing (11) formed to enclose the upright (10), said housing carrying at least one solar cell (12-17) directed away from the road and at least one LED (19) directed against the road where road traffic.



Title: BATTERY POWERED ELECTRICAL FIRE**Priority:** GB20060023463 20061124 WO2007EP62752 20071123

Family:	Publication number	Publication date	Application number	Application date
	CN101558266 A	20091014	CN200780045593	20071123
	EP2097678 A2	20090909	EP20070847301	20071123
	GB200623463 A0	20070103	GB20060023463	20061124
	GB2444072 A1	20080528	GB20060023463	20061124
	GB2444072 B2	20090819	GB20060023463	20061124
	US2009310340 AA	20091217	US20070312729	20071123
	WO08062060 A2	20080529	WO2007EP62752	20071123
	WO08062060 A3	20081030	WO2007EP62752	20071123

Probable Assignee: BASIC HOLDINGS**Assignee(s):**^(std): BASIC HOLDINGS ; BETZ MARTIN ; O COIMIN AUBREY**Inventor(s):**^(std): BETZ MARTIN ; O COIMIN AUBREY ; MARTIN BETZ ; AUBREY O COIMIN**Inventor(s):** O'COIMIN AUBREY**Agent(s):** MOORE BARRY; KUSNER AND JAFFE,HIGHLAND PLACE SUITE 310; KUSNER AND JAFFE HIGHLAND PLACE SUITE 310; HANNA MOORE AND CURLEY ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

International class [F21L4/00](#) [F21S10/04](#) [F24C7/00](#) [F24C7/10](#) ^(Advanced/Invention);
^(IPC 8-9): [F21L4/00](#) [F21S10/00](#) [F24C7/00](#) [F24C7/10](#) ^(Core/Invention)

CPC: [F24C7/004](#) [F21S10/04](#) [F24C7/105](#)**European class:** [F24C7/00A2](#) [F24C7/10B](#) [R21S10/04](#)**US class:** [362/157](#) [362/183](#)[Classification Explorer](#)

Cited documents: WO07021188 A2, US7093949 BB, US6691440 BA, US6050011 A, US5924784 A, US2006191529 AA, US2006101681 AA, US2005097792 AA, US2002080601 AA, GB2412429 A1, GB2391614 A1, GB2372807 A1, GB2346686 A1, GB2338058 A1, GB2323159 A1, GB2322185 A1, EP1659340 A2, EP1655543 A1, EP0916892 A1, DE20103429 U1,

Forward Citations: WO16193340, WO11041923, WO10030924, WO10030924, USD762290, US9447937, US9200810, US9068706, US2014313703, US2014268772, US2012069554, US2011286725, CN101871618, CN101749746,

Source: US2009310340A An electric fire configured to provide a simulated fire effect in response to activation of at least one light source. The fire including a battery which is useable to provide power to the at least one light source. The fire having a chassis providing a mount for the light source and a screen for displaying the fire effects and wherein the simulated fire effect is a flame effect and the screen displays flames in response to the light source output. The battery is a rechargeable battery. The fire includes a power connector which may be used to provide for a recharging of the battery such that the fire can be used independently of a mains power supply.

WD-2008063060

234

PCT/JP2007/062753

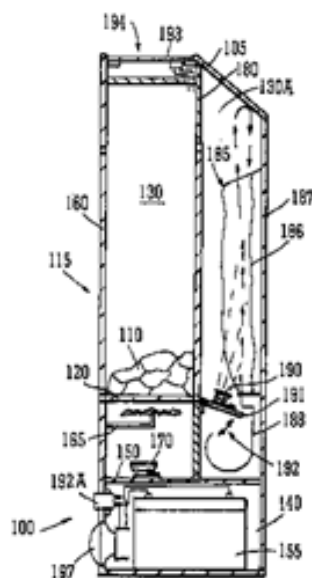


FIG. 1

81) Family number: 34466105 (US2007107669A)

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Title: LEASH CHARGING SYSTEM AND METHOD FOR SAME
Priority: US20050273044 20051114 WO2006US60699 20061109
Family:

Publication number	Publication date	Application number	Application date
CN101553112 A	20091007	CN200680042362	20061109
US2007107669 AA	20070517	US20050273044	20051114
WO07059401 A2	20070524	WO2006US60699	20061109
WO07059401 A3	20080814	WO2006US60699	20061109

Probable Assignee: MOTOROLA INC

Assignee(s):^(std): EATON ERIC T ; GAGE NONA E ; MOTOROLA INC

Inventor(s):^(std): EATON ERIC T ; GAGE NONA E

Inventor(s): EATON ERIC ; GAGE NONA

Agent(s): MOTOROLA INC, INTELLECTUAL PROPERTY SECTION; MOTOROLA INC
INTELLECTUAL PROPERTY SECTION

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN
CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ
GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT
LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM
PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR
TT TZ UA UG US UZ VC VN ZA ZM ZW

International class
(IPC 8-9): [A01K15/02](#) [A01K15/04](#) [A01K27/00](#) [A62B35/00](#) (Advanced/Invention);
[A01K27/00](#) (Core/Invention)

CPC: [A01K27/006](#) [A01K27/009](#)

European class: [A01K27/00E](#) [A01K27/00H](#)

US class: [119/792](#)

[Classification Explorer](#)

Cited documents: US7098790 BB, US6561137 BB, US5370082 A, US2004251871 AA,

Forward Citations: WO17027959, US8448606, US8023959, US2011120389, US2008004036,
US2007266959, GB2531411,

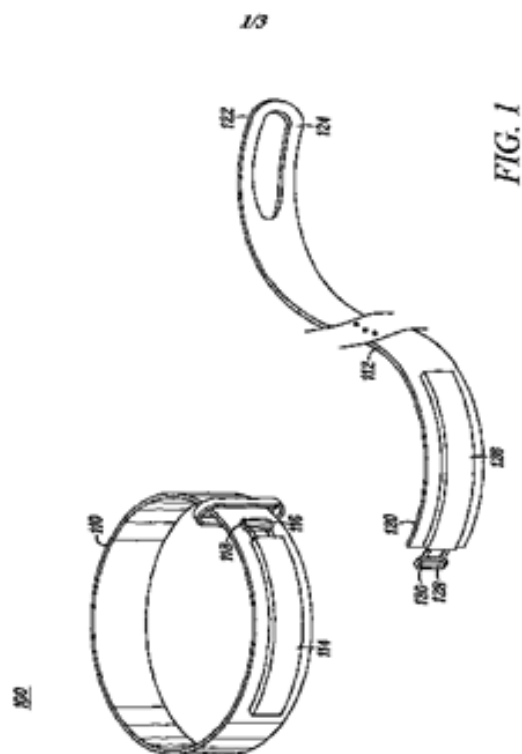
Abstract:

Source: US2007107669A The invention concerns a leash charging system (100) and method (300) for charging. The system can include a collar (110) that includes a rechargeable power supply (130) and an interface (132) and a leash (112) that also includes a rechargeable power supply (144) and an interface (146, 148) that detachably engages the interface of the collar. When the leash engages the collar, the rechargeable power supply of the leash can charge the rechargeable power supply of the collar.

PatBase - W007059401_A2

WFO 2007/059401

PC/EPL/02/04/01/00/00



0) US2009207597A – RECHARGEABLE LIGHT ASSEMBLY

82) Family number: 43634269 (US2009207597A)

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Title: RECHARGEABLE LIGHT ASSEMBLY

Priority: US20080034166 20080220

Family:	Publication number	Publication date	Application number	Application date
	<u>US2009207597 AA</u>	20090820	US20080034166	20080220

Probable Assignee: SILVER NORMAN L

Assignee(s):^(std): SILVER NORMAN L

Inventor(s):^(std): SILVER NORMAN L

Agent(s): WOODCOCK WASHBURN LLP

International class
(IPC 8-9): F21L4/00 (Advanced/Invention);
F21L4/00 (Core/Invention)

CPC: F21L4/08 F21S9/035 F21V21/0824

European class: F21L4/08 F21S9/03S F21V21/08S

US class: 362/183 362/183P

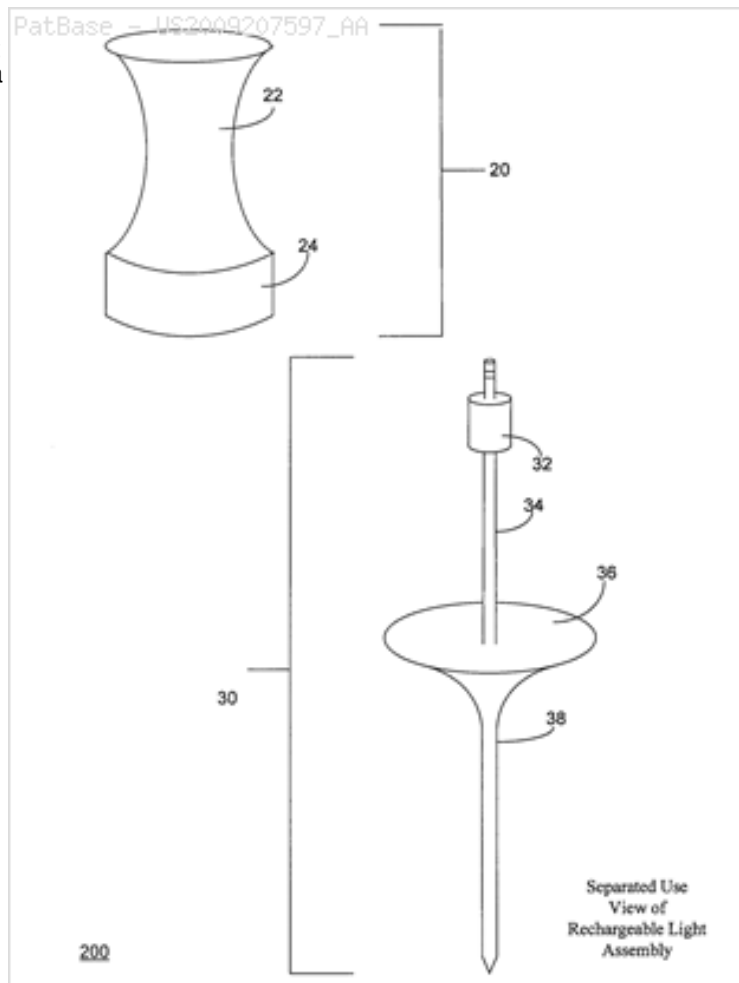
[Classification Explorer](#)

Cited documents: US6612712 BB, US4841416 A, US2008212319 AA, US2006227542 AA, US2006120067 AA,

Forward Citations: WO16087938, WO12009629, US9410666, US9115856, US8708515, US8469539, US2012227635,

Abstract:

Source: US2009207597A A rechargeable light assembly which includes a lamp module and a support rod sub-assembly can provide illumination while installed as a walkway light on the ground. The same lamp module may also be used as an illumination device when the lamp module is removed from the support rod sub-assembly. While the lamp module is mounted on the support rod sub-assembly, a recharging power source attached to the support rod sub-assembly charges an electrical storage device inside the lamp module. Removal of the lamp module from the support rod sub-assembly still permits use of the lamp module as a portable lighting device.



0) US2002105080A – METHOD OF FORMING AN ELECTRONIC DEVICE

83) Family number: 30106119 (US2002105080A)

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Title: METHOD OF FORMING AN ELECTRONIC DEVICE

Priority: GB19970021808 19971014 GB19970021809 19971014 GB20020001275 19971014
GB20020001275 19971014 GB20020020651 19971014 US20060590032 20061030
US20040760611 20040120 US20020290988 20021108 US20020068453 20020206
US20000529611 20000719 WO1998GB03087 19981014

Family:

Publication number	Publication date	Application number	Application date
<u>AT434259 E</u>	20090715	AT19980947671T	19981014
<u>AU199894510 A1</u>	19990503	AU19980094510	19981014
<u>CA2306384 AA</u>	19990422	CA19982306384	19981014
<u>DE69840914 D1</u>	20090730	DE19986040914	19981014
<u>EP1027723 A2</u>	20000816	EP19980947671	19981014
<u>EP1027723 B1</u>	20090617	EP19980947671	19981014
GB200201275 A0	20020306	GB20020001275	19971014
GB200220651 A0	20021016	GB20020020651	19971014
GB200220653 A0	20021016	GB20020020653	19971014
GB200220654 A0	20021016	GB20020020654	19971014
<u>GB2330331 A1</u>	19990421	GB19970021809	19971014
<u>GB2330331 B2</u>	20020410	GB19970021809	19971014
<u>GB2330451 A1</u>	19990421	GB19970021808	19971014
<u>GB2330451 B2</u>	20021120	GB19970021808	19971014
<u>GB2369087 A1</u>	20020522	GB20020001275	19971014
<u>GB2369087 B2</u>	20021002	GB20020001275	19971014
<u>GB2376344 A1</u>	20021211	GB20020020651	19971014
<u>GB2376344 B2</u>	20030219	GB20020020651	19971014
<u>GB2376565 A1</u>	20021218	GB20020020653	19971014
<u>GB2376565 B2</u>	20030205	GB20020020653	19971014
<u>GB2376566 A1</u>	20021218	GB20020020654	19971014
<u>GB2376566 B2</u>	20030205	GB20020020654	19971014
GB9721808 A0	19971217	GB19970021808	19971014
GB9721809 A0	19971217	GB19970021809	19971014
<u>US2002105080 AA</u>	20020808	US20020068453	20020206
<u>US2003076649 AA</u>	20030424	US20020290988	20021108
<u>US2004151014 AA</u>	20040805	US20040760611	20040120
<u>US2007087564 AA</u>	20070419	US20060590032	20061030
<u>US6503831 BB</u>	20030107	US20020068453	20020206
<u>US6713389 BB</u>	20040330	US20020290988	20021108
<u>US7129166 BB</u>	20061031	US20040760611	20040120
<u>US7323634 BB</u>	20080129	US20060590032	20061030
<u>WO9919900 A2</u>	19990422	WO1998GB03087	19981014
<u>WO9919900 A3</u>	19990805	WO1998GB03087	19981014

Probable Assignee: PATTERNING TECHNOLOGIES LTD

Assignee(s):^(std): PATTERNING TECHNOLOGIES LTD ; SPEAKMAN STUART ; SPEAKMAN STUART PHILIP ; THIN FILM TECHNOLOGY ; THIN FILM TECHNOLOGY CONSULTAN

Assignee(s): THIN FILM TECHNOLOGY CONSULTANCY LIMITED ; THIN FILM TECHNOLOGY CONSULTANCY LTD ; THIN FILM TECHNOLOGY LTD ; PATTERNING TECHNOLOGIES FUJIFILM HOUSE BOU LTD ; PATTERNING TECHNOLOGIES LIMITED

Inventor(s):^(std): SPEAKMAN STUART ; SPEAKMAN STUART PHILIP

Inventor(s): STUART SPEAKMAN ; STUART PHILIP SPEAKMAN

Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; FETHERSTONHAUGH AND CO; MILHENCH MARK LORNE; WOLF GREENFIELD AND SACKS PC

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

International class
(IPC 8-9): B41J2/01 B41J2/04 B41J2/14 B41J3/407 G02B6/10 H01G4/00 H01G4/06 H01G4/40 H01L21/00 H01L21/02 H01L21/208 H01L21/44 H01L27/00 H01L27/32 H01L29/49 H01L31/04 H01L35/34 H01L51/00 H01L51/05 H01L51/10 H01L51/30 H01L51/40 H01L51/42 H01L51/50 H01L51/52 H01M10/052 H01M10/0565 H01M10/38 H01M10/40 H01M2/10 H01M6/18 H01M6/40 H05K3/10 H05K3/12 (Advanced/Invention); H01G4/40 H01L27/00 H01L27/32 H01L51/05 H01L51/42 H01L51/50 H01L51/52 H01M10/40 H01M2/10 H05K3/12 (Advanced/Non-invention); B41J2/01 B41J2/04 B41J3/407 H01L21/02 H01L29/40 H01L31/04 H01L35/00 H01L51/00 H01L51/05 H01M10/36 H01M6/18 H01M6/40 (Core/Invention); H01L27/28 H01L51/42 H01L51/50 H01M2/10 (Core/Non-invention)

International class
(IPC 1-7): B41J2/01 B41J2/04 B41J3/407 C12Q1/00 G02B6/10 G02B6/30 G02F1/136 G11C15/00 H01F10/00 H01G4/06 H01L21/00 H01L21/02 H01L21/208 H01L21/3205 H01L21/44 H01L21/768 H01L23/48 H01L23/52 H01L27/146 H01L29/40 H01L29/78 H01L31/00 H01L35/34 H01L37/02 H01L51/20 H01L51/40 H01M10/38 H01M6/40 H05K3/10 H05K3/12

CPC: Y02E10/549 H01L51/5275 H05K3/125 B41J2/01 B41J2/14233 B41J3/407 B41J3/4073 H01L27/32 H01L29/4908 H01L35/34 H01L51/0026 H01L51/0508 H01L51/0575 H01L51/42 H01L51/4213 H01L51/5012 H01L51/5262 H01L2251/308 H01M2/1066 H01M6/188 H01M6/40 H05K3/102 H01L2924/0002 Y02P70/521 Y02P70/54 H01L51/424 H01L51/4253 H01M10/052 H01M10/0565 H01M10/058 B41M3/006 B41M5/007 H01G9/2031 H01G9/2059 H01L27/14685 H01L27/301 H01L31/18 H01L51/4246 H01M4/405 H01M10/0436 H01M10/425 Y02E10/542 H01L51/0004 B42D25/00 H01L51/0005 Y02E60/122 B42D2033/20 B42D2033/46 B33Y10/00 B33Y70/00 B33Y80/00

European class: B41J2/01 B41J2/14D2 B41J3/407 B41J3/407D H01G9/20D2 H01L27/30B H01L29/49B H01L35/34 H01L51/00A16 H01L51/00A2B2 H01L51/00A2B2B H01L51/20C H01L51/40B2B H01M10/04F H01M10/052 H01M10/0565 H01M10/058 H01M10/42S H01M6/18P H01M6/40 H05K3/10B H05K3/12C2 L41M3/00P L41M5/00S10 T01G9/20L T01L251/30A1A4 T01L27/00C20 T01L27/146V2 T01L27/32 T01L31/18 T01L51/00A2B2B T01L51/05B2 T01L51/05D T01L51/20B2B T01L51/20D T01L51/42 T01L51/42D T01L51/42F T01L51/42F2 T01L51/42H T01L51/50E T01L51/52D T01L51/52D8 T01M10/0565 T01M2/10C2D2 T01M4/40B T01M6/18P T01M6/40 Y02E10/50 Y02E10/54D Y02E60/12 Y02E60/12B

US class: 136/252 136/256 257/749 257/749P 257/750 257/E27.119 257/E27.119S 257/E29.151 257/E29.151S 257/E51.005 257/E51.012 257/E51.014 257/E51.015 257/E51.017 257/E51.018 361/524 361/524P 365/210.1 365/210.100P 365/49 438/29 438/3 438/30 438/30S 438/609 438/609S 438/674 438/674P

[Classification Explorer](#)

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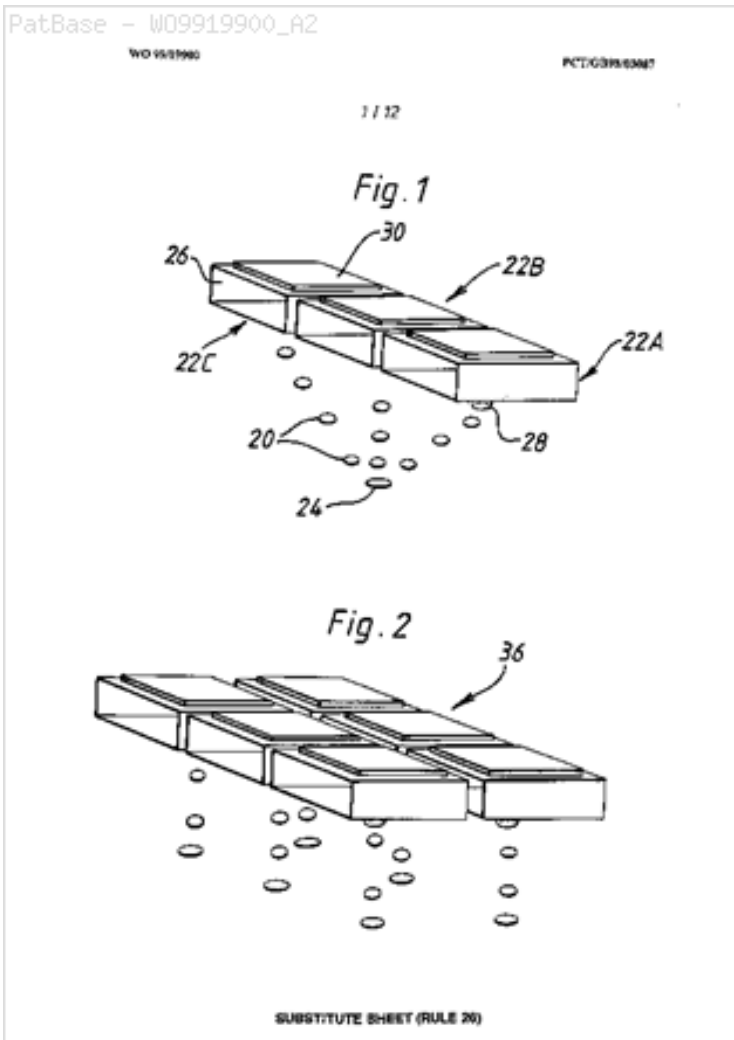
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Abstract:

Source: US2002105080A A method of forming an electronic device using the technique of drop on demand printing to deposit droplets of deposition material, said method comprising depositing a plurality of droplets on a surface to form a patterned electronic device comprising multiple discrete portions.



0) FR2926387A – ADVERTISEMENT INFORMATION PRESENTING DEVICE E.G...

84) Family number: 43534186 (FR2926387A)

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Title: ADVERTISEMENT INFORMATION PRESENTING DEVICE E.G. POST, FOR E.G. TOOTHBRUSH, IN POINT OF SALE ADVERTISEMENT FIELD, HAS INTEGRATED POWER SUPPLY GENERATION UNIT FORMED BY SOLAR ENERGY DEVICE OPERATING UNDER EFFECT OF NATURAL LIGHT

Priority: FR20080000200 20080114

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<u>FR2926387 A1</u>	20090717	FR20080000200	20080114

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(IPC 8-9): G09F27/00 H02J15/00 H02J7/00 (Advanced/Invention);
G09F27/00 H02J15/00 H02J7/00 (Core/Invention)

CPC: G09F23/00 G09F23/06 G09F27/00

European class: G09F23/00 G09F23/06 G09F27/00

[Classification Explorer](#)

Cited documents: US2007294926, US2005270280, EP0459659, DE29615242 U, DE29521271 U,

Forward Citations: EP2413025,

Abstract:

The device has information diffusion unit e.g. audio message diffusion unit e.g. loudspeaker, formed by an information display unit (6) e.g. LCD, and an integrated power supply generation unit that is formed by a solar energy device such as solar panel (1a) operating under the effect of natural or artificial light, wind power engine and manual activating device e.g. crank, coupled to a current generator such as dynamo. The generation unit is coupled to an energy storage device e.g. rechargeable battery. A sensor (3) e.g. movement sensor, activates the display unit.

1 / 5

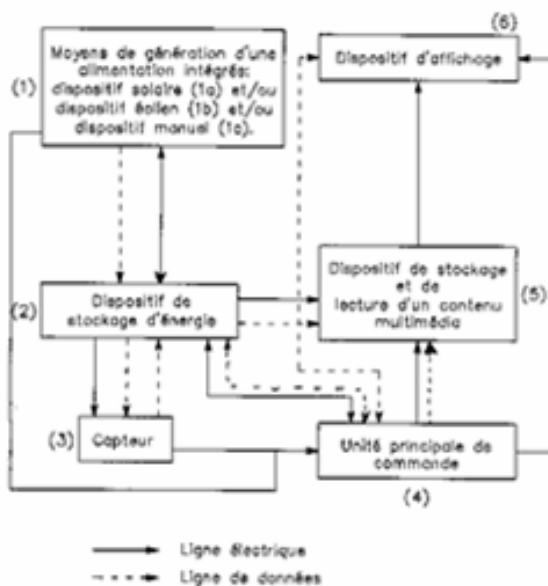


FIG. 1

85) Family number: 43498763 (DE202009001735U1)

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Title: Klammervorrichtung zum Befestigen von Gegenständen, insbesondere zum Befestigen von Alltags- und Dekorationsgegenständen Clammy device for fastening articles, in particular for fastening everyday life and decoration articles (Machine translation)

Priority: DE200920001735U 20090209

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202009001735 U1</u>	20090702	DE200920001735U	20090209

Probable Assignee: NIEWALD LOTHAR

Assignee(s):^(std): NIEWALD LOTHAR

International class F16B2/20 (Advanced/Invention);
(IPC 8-9): F16B2/20 (Core/Invention)

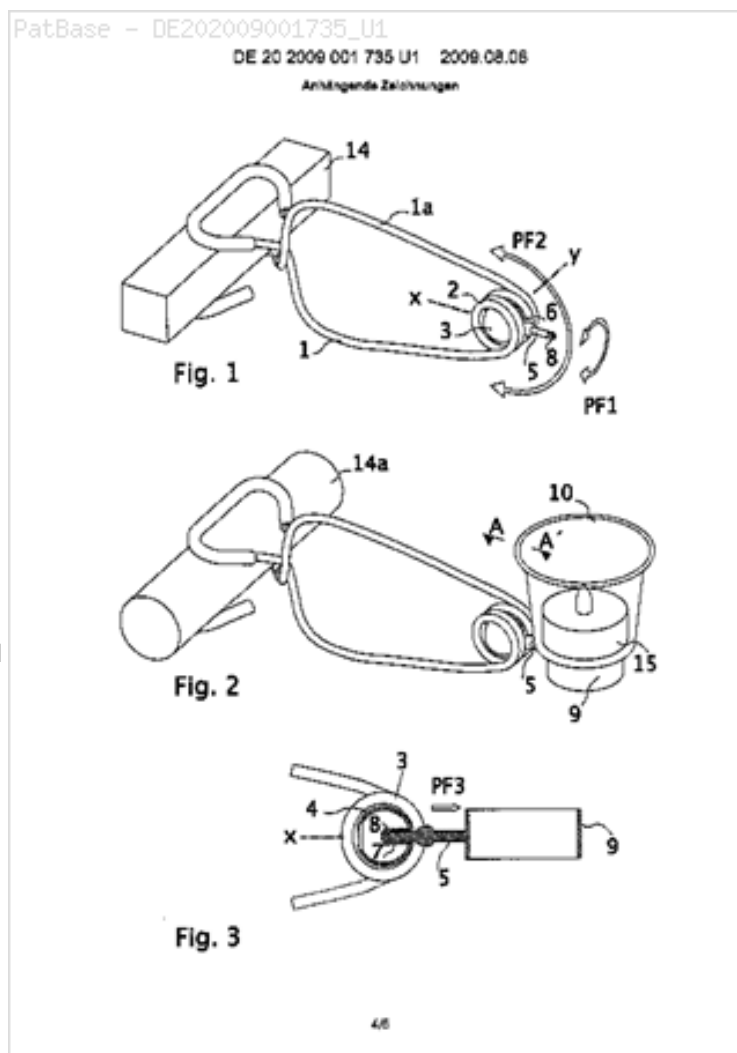
CPC: A47G7/044 F16B2/10

European class: A47G7/04D F16B2/10

[Classification Explorer](#)

Abstract:

Source: DE202009001735U1 (Claim 1) 1. Klammervorrichtung zum Befestigen von Gegenständen, wobei die Vorrichtung aus einer Klammer mit zwei über Kreuz angeordneten Schenkeln (1, 1a) und einer mehrfach gewundenen Spirale (2) besteht, dadurch gekennzeichnet, dass die Klammer ein Kugelgelenk (3) aufweist, das in etwa in der geometrischen Mitte der Spiralwindung angeordnet ist und das aus einer, vorzugsweise angeschnittenen, Hohlkugel (4) sowie einem, in seiner Mitte konisch aufgeweiteten Stiftelement (5, 5a), und ferner einem elastischen Element, vorzugsweise einer Druckfeder (7) besteht. (Claim 1) 1. Clammy device for fastening articles, whereby the device consists of a clammy one with two crosswise arranged thighs (1, 1a) and a several times wound spiral (2), by the fact characterized that those exhibits clammy one a ball joint (3), which is arranged in for instance in the geometrical center the spiral turn and which consists preferably begun to cut, hollow ball (4) of one, as well as, in its center conical expand pin element (5, ae), and furthermore a flexible element, preferably a compression spring (7).



86) Family number: 32192456 (US2005185398A)

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Title: MULTIFUNCTION–ADAPTABLE, MULTICOMPONENT DEVICES

Priority: US20040545939P 20040220 US20040560908P 20040410 US20040607961P 20040908
US20050062039 20050218 US20050101066 20050407 US20050218948 20050902
US20070801016 20070508 US20070801106 20070508 US20080283221 20080910

Family:	Publication number	Publication date	Application number	Application date
	US2005185398 AA	20050825	US20050062039	20050218
	US2005188853 AA	20050901	US20050101066	20050407
	US2006154642 AA	20060713	US20050218948	20050902
	US2007230197 AA	20071004	US20070801016	20070508
	US2007268687 AA	20071122	US20070801106	20070508
	US2009073694 AA	20090319	US20080283221	20080910
	WO07027660 A2	20070308	WO2006US33650	20060829
	WO07027660 A3	20071115	WO2006US33650	20060829

Probable Assignee: GLYNNTECH INC**Assignee(s):**^(std): GLYNNTECH INC ; INSIGNIO TECHNOLOGIES INC ; SCANNELL ROBERT F ; SCANNELL ROBERT F JR**Assignee(s):** SCANNELL ROBERT FJR**Inventor(s):**^(std): SCANNELL JR ROBERT F ; SCANNELL ROBERT F ; SCANNELL ROBERT F JR**Inventor(s):** SCANNELL ROBERT FJR ; SCANNELL ROBERT**Agent(s):** KENNETH P GLYNN ESQ; KENNETH P GLYNN; DEIRDRA M MEAGHER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN
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International class ^(IPC 8-9): [A01G9/02](#) [B01D46/00](#) [B65D6/00](#) [F21L4/00](#) [F21S2/00](#) [F21S6/00](#) [F21S8/00](#) [F21V15/01](#)
[F21V19/02](#) [F21V33/00](#) [G06Q50/00](#) [H04M11/04](#) [H05K5/00](#) ^(Advanced/Invention);
[F21V33/00](#) [H05K5/00](#) ^(Core/Invention)

International class ^(IPC 1-7): [B01D46/00](#) [F21S2/00](#)

CPC: [A01G9/02](#) [F21S6/002](#) [F21S6/005](#) [F21V33/00](#) [F21W2121/00](#) [H05B37/0272](#) [Y02W30/829](#)
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[G08B25/009](#) [G08B25/012](#) [G08B25/10](#) [A47G7/06](#)

European class: [A01G9/02](#) [A47G7/06](#) [A62B99/00](#) [F21S6/00D](#) [F21S6/00S](#) [F21V33/00](#) [G06F19/34L1](#)
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US class: [220/4.01](#) [361/730](#) [362/154](#) [362/190](#) [362/227](#) [362/253](#) [362/362](#) [362/368](#) [362/382](#) [362/418](#)
[455/404.1](#) [96/417](#)

[Classification Explorer](#)

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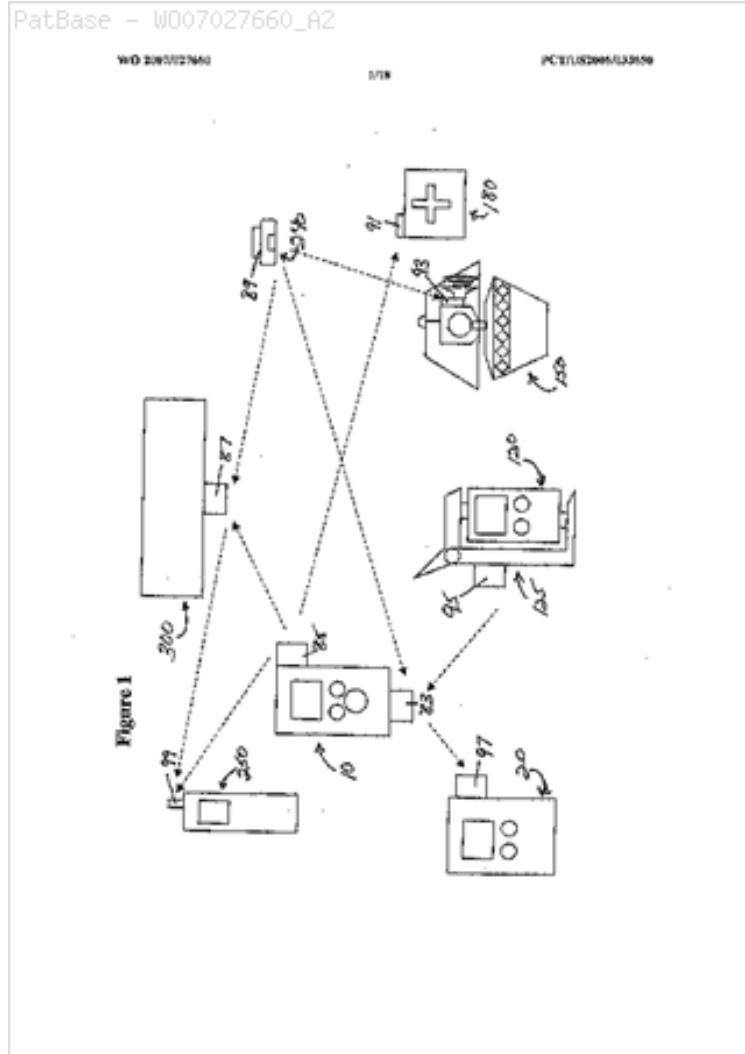
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Abstract:

Source: US2005185398A Devices with modular components have interchangeable parts that create and convert functional items to the same items having different features or to different items. Lamps, urns, planters, pots, containers and pedestals have modular, quick take-apart capabilities and may be reassembled with similar parts and/or additional or different parts. Multi-functional adaptability is provided, and these devices may include diverse electrical and electronic functions, including entertainment, communications, sensing, security, safety, environmental and other functions. Multiple electronic features could include receivers, transmitters, antennas, alarms, motion detectors, timers, device control and scent releasing functions. LAN, WAN, Internet, and other wired and wireless capabilities may be integrated into these devices.



0) DE202008012510U1 – RIEGELEINRICHTUNG LATCH PLATE MECHANISM (MACHI...

87) Family number: 42968656 (DE202008012510U1)

© PatBase

Title: Riegeleinrichtung Latch plate mechanism (Machine translation)

Priority: DE200820012510U 20080919

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202008012510 U1</u>	20090212	DE200820012510U	20080919

Probable Assignee: SIGNATURE DEUTSCHLAND GMBH NIE

Assignee(s):^(std): SIGNATURE DEUTSCHLAND GMBH NIE

Assignee(s): SIGNATURE DEUTSCHLAND GMBH NIEDERLASSUNG MUENSTER

International class
(IPC 8-9): E05B47/06 (Advanced/Invention);
E05B47/06 (Core/Invention)

CPC: E05B17/22 E05B47/0038 E05B47/0046 E05B2047/0058 E05B2047/0064 E05B2047/0094
G07C9/00722 G07C2009/00634

European class: E05B47/00C P05B17/22 P05B47/00B P05B47/00E2B P05B47/00E2S P05B47/00R
S07C9/00E10 S07C9/00E12G

[Classification Explorer](#)

Cited documents: GB2301139 A1, DE9216137 U, DE4316867 A1, DE4302835 C1, DE3806469 A1,
DE3735470 A1, DE29907088 U1,

DE202007013499 U1

DE19829927 A1, DE10307442 A1,

Abstract:

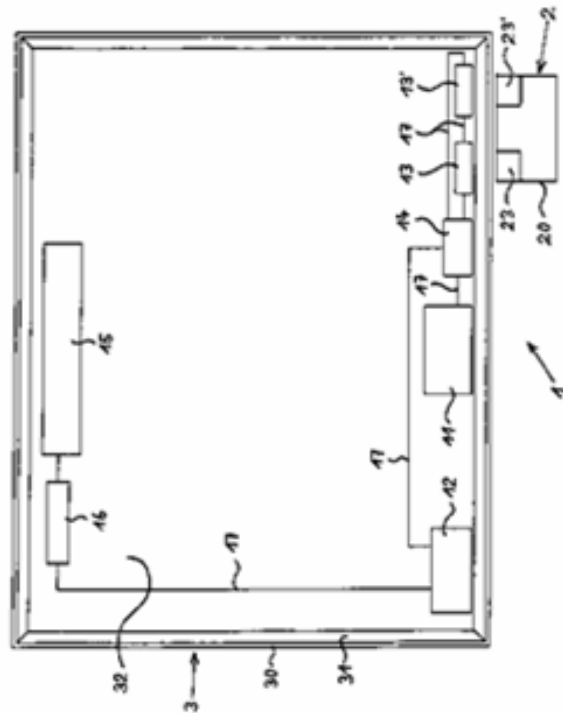
Source: DE202008012510U1 (Claim 1) 1. Riegeleinrichtung (1) einer zu oeffnenden und zu schliessenden Einheit (3), mit wenigstens einem elektrisch betaetigbaren Riegelement (11), das mit einem bewegbaren Teil (31) der zu oeffnenden und zu schliessenden Einheit (3) verriegelnd und entriegelnd zusammenwirkt, wobei die Riegeleinrichtung (1) mit einer elektrischen Energiequelle (12) fuer das Riegelement (11) ausgestattet oder verbunden ist, und mit mindestens einem separaten, mobilen Betaetigungselement (2), mit dem die Betaetigung des Riegelements (11) bewirkbar ist, dadurch gekennzeichnet, – dass in einer elektrischen Verbindung (17) zwischen der Energiequelle (12) und dem Riegelement (11) mindestens ein durch ein Magnetfeld verstellbarer Sensor oder Schalter (13, 13') angeordnet ist und – dass in oder an dem/jedem mobilen Betaetigungselement (2) mindestens ein Magnet (23, 23') angeordnet ist, mit dem der mindestens eine Sensor oder Schalter (13, 13') verstellbar ist, um einen Stromkreis fuer das elektrisch betaetigbare Riegeelement (11) zu schliessen.

Machine translation: (Claim 1) 1. Latch plate mechanism (1) of one and unit (3), which can be closed which can be opened, with at least a solenoid operatable latch plate element (11), which cooperates with a movable part (31) and of the unit (3), which can be closed which can be opened, locking and unlocking, whereby the latch plate mechanism (1) is equipped with an electrical energy source (12) for the latch plate element (11) or connected, and marked by at least a separate, mobile actuator (2), with which the manipulation of the latch plate element (11) is causable, by it – that in an electrical connection (17) between the energy source (12) and the latch plate element (11) at least a sensor or a switch adjustable by a magnetic field (13, 13') is arranged and – that in or to/each mobile actuator (2) at least one magnet (23, 23') is arranged, with that that at least sensor or switches (13, 13') is adjustable, in order to close an electric circuit for the solenoid operatable latch plate element (11).

PatBase - DE202008012510_U1

DE 20 2008 012 510 U1 2009.03.19

Anhängende Zeichnungen



15/10

88) Family number: 30725727 (US2004135684A)

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Title: NON-SPECIFIC SENSOR ARRAY DETECTORS**Priority:** US20020397135P 20020719 US20020422301P 20021029 US20030624194 20030721
US20030698042 20031029 WO2004US32774 20041029 WO2003US23005 20030721
WO2003US00000 20030721**Family:**

Publication number	Publication date	Application number	Application date
<u>AU2003302720 AA</u>	20040722	AU20030302720	20030721
<u>AU2003302720 BB</u>	20080724	AU20030302720	20030721
<u>AU2003302720 BI</u>	20080821	AU20030302720	20030721
<u>AU2004319211 AA</u>	20051110	AU20040319211	20041029
<u>CA2492959 AA</u>	20050118	CA20032492959	20030721
<u>CA2544311 AA</u>	20060428	CA20042544311	20041029
<u>EP1543322 A2</u>	20050622	EP20030811650	20030721
<u>EP1543322 A4</u>	20080709	EP20030811650	20030721
<u>EP1687747 A2</u>	20060809	EP20040821948	20041029
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<u>US7034677 BB</u>	20060425	US20030624194	20030721
<u>US7171312 BB</u>	20070130	US20030698042	20031029
<u>WO04059589 A2</u>	20040715	WO2003US23005	20030721
<u>WO04059589 A3</u>	20050217	WO2003US23005	20030721
<u>WO05106760 A2</u>	20051110	WO2004US32774	20041029
<u>WO05106760 A3</u>	20060112	WO2004US32774	20041029

Probable Assignee: ENVIRONMENTAL TECHNOLOGIES GROUP INC**Assignee(s):^(std):** HSIUNG CHANG MENG ; PLOTKIN NEIL ; SMITHS DETECTION INC ; SMITHS DETECTION PASADENA INC ; STEINTHAL GREGORY ; SUNSHINE STEVEN ; BURCH TIM ; CYRANO SCIENCES INC**Assignee(s):** ENVIRONMENTAL TECHNOLOGIES GROUP INC ; BURCH TIMOTHY E**Inventor(s):^(std):** BURCH TIM ; BURCH TIMOTHY E ; HSIUNG CHANG MENG ; PLOTKIN NEIL ; STEINTHAL GREGORY ; SUNSHINE STEVEN ; TIMOTHY E BURCH ; STEVEN SUNSHINE ; NEIL PLOTKIN ; GREGORY STEINTHAL ; CHANG MENG HSIUNG**Inventor(s):** TIM BURCH**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BERESKIN AND PARR LLP SENCRL SRL; FOLEY AND LARDNER LLP**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**International class**
(IPC 8-9): B32B5/02 G01D21/00 G01D5/12 G01N27/00 G01N27/04 G01N27/12 G01N31/00 G01N33/00 G01N33/48 G01N37/00 G06F17/00 G06F19/00 G08B1/08 G08B19/00 G08B21/12 G08B21/14 G08B23/00 G08C17/00 G08C19/00 (Advanced/Invention);

International class
(IPC 1-7):G01D21/00 G01D5/12 G01N31/00 G06F17/00 G06F19/00 G08B19/00 G08B23/00
G08C19/00**CPC:**Y10S128/903 G01N33/0034 G06F19/3493 B82Y30/00 G01N33/0063 G08B21/12
G01N33/0031 G01N33/48707 G01N33/0075**European class:**B82Y30/00 G01N33/00D2D2N G01N33/00D2E1 G06F19/34S G08B21/12 L82T201/01**US class:**128/903 340/333 340/511 340/521 340/522 340/522P 340/539.11 340/539.12 340/539.26
340/539.3 340/870.01 340/870.010S 422/119 422/82.02 600/300 600/301 702/188
702/188P 702/22 702/3 702/30 702/30S 702/32 702/60 977/903 977/903S 977/955
977/955S 977/957 977/957S[Classification Explorer](#)**Cited documents:**

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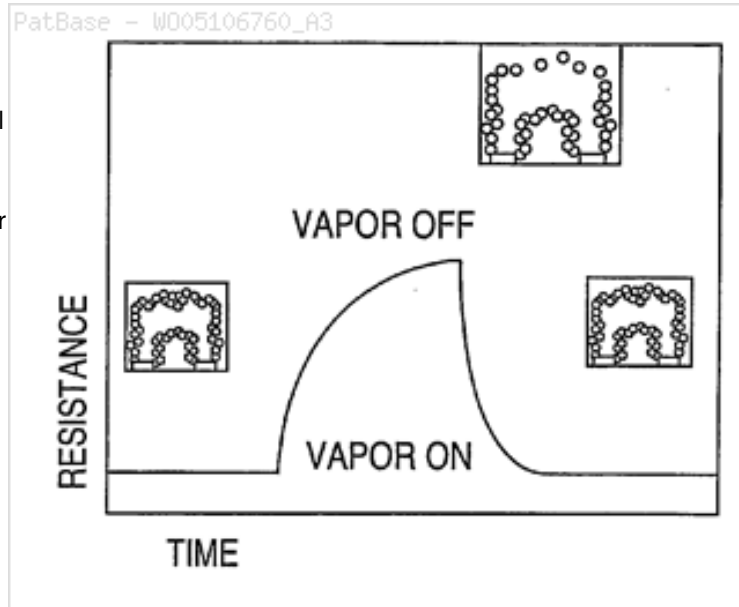
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 EP2103961, EP1810260, DE102008002745, CN104053398, CN103248955,
 CN103148988, CN103116961, CN102498369,

Abstract:

Source: US2004135684A Portable and wearable chemical detector devices, such as badges, that are analyte-general, rather than analyte-specific, and which provide an optimal way to notify and protect personnel against known and unknown airborne chemical hazards. The devices of the present invention are advantageously low-cost, have low-power requirements, may be wearable and are designed to detect and alarm to a general chemical threat. A sensor device of the present invention in one embodiment includes two or more sensor devices, a processing module coupled to each of the sensor devices and configured to process signals received from each of the two or more sensor devices to determine an environmental state; and a communication module that communicates information about the environmental state to a user.



0) DE102007001442A1 – AIR HUMIDIFIER FOR HOUSING PREMISE, HAS AIR OUT...

89) Family number: 42081129 (DE102007001442A1)

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Title: AIR HUMIDIFIER FOR HOUSING PREMISE, HAS AIR OUTLET COMPRISING CONNECTING PIECES FOR CONNECTION TO AIR DUCTS AND VENTILATION SYSTEM GENERATING AIRFLOW, WHICH IS UTILIZED AT ENDS OF AIR DUCTS

Priority: DE200710001442 20070109

Publication number	Publication date	Application number	Application date
<u>DE102007001442 A1</u>	20080814	DE200710001442	20070109

Probable Assignee: BEERSCHWINGER ULRICH

Assignee(s):^(std): BEERSCHWINGER ULRICH

Inventor(s):^(std): BEERSCHWINGER ULRICH

International class F24F3/14 F24F6/04 (Advanced/Invention);
F24F3/12 F24F6/02 (Core/Invention);
(IPC 8-9):

CPC: F24F6/043

European class: F24F6/04B

[Classification Explorer](#)

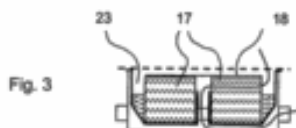
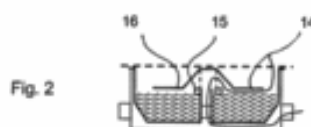
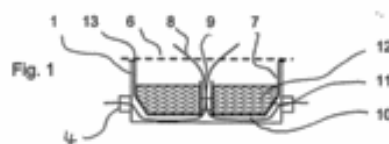
Abstract:

The humidifier has an air outlet (1) installed horizontally on an unfinished floor or vertically in a wall box out and comprising connecting pieces (4) for connection to air ducts. A humidification tank (7) filled with water, and is placed in the air outlet. A ventilation system generates airflow (8), which is utilized at ends of the air ducts and conducted to evaporation surfaces over air outlet openings (9). The air outlet openings are formed as slot openings, and airflow passes through materials such as sponge, foam, tile and polymer.

PatBase - DE102007001442_A1

DE 10 2007 001 442 A1 2008.08.14

Anhängende Zeichnungen



2/10

0) US2008124509A – MAT, AND ITS CORRESPONDING COMPONENTS, PIECES, ...

90) Family number: 41849328 (US2008124509A)

© PatBase

Title: MAT, AND ITS CORRESPONDING COMPONENTS, PIECES, OBJECTS, SOFTWARE, KITS, DEVICES, MATERIAL, APPARATUS, SYSTEM, MACHINES, DISPLAYS, AND ACCESSORIES

Priority: US20060563278 20061127

Publication number	Publication date	Application number	Application date
<u>US2008124509 AA</u>	20080529	US20060563278	20061127

Probable Assignee: BOISE WAYNE SCOTT

Assignee(s):^(std): BOISE WAYNE SCOTT

Inventor(s):^(std): BOISE WAYNE SCOTT

Agent(s): MAXVALUEIP CONSULTING

International class
(IPC 8-9): B32B3/02 (Advanced/Invention);
B32B3/02 (Core/Invention)

CPC: G06F3/0395 Y10T428/161

European class: G06F3/039M

US class: 428/45

[Classification Explorer](#)

Cited documents: US7073762 BB, US7045193 BB, US7042716 BB, US7040824 BB, US7029743 BB, US7025310 BB, US6971619 BB, US6965311 BA, US6946184 BB, US6873266 BB, US6635336 BA, US6579250 BB, US6455123 BA, US6319592 BA, US6210351 BA, US6108835 A, US6103333 A, US5973420 A, US5850644 A, US5674423 A, US5260869 A, US5160775 A, US5158073 A, US5033561 A, US5026585 A, US4979375 A, US4944968 A, US4793012 A, US4759543 A, US4622706 A, US4472471 A, US4415946 A, US3885555 A, US3333805 A, US3318032 A, US2006088703 AA, US2005129916 AA, US2004254856 AA, US2004224107 AA, US2004121111 AA, US2003024046 AA, US2002187315 AA, US2002028313 AA, US2001005692 AA,

Forward Citations: US9486390, US8210892, US8070669, US2016039533, US2012083720, US2010194039, US2010030013,

Abstract:

Source: US2008124509A This application discusses a mat, and its corresponding components, pieces, objects, software, kits, devices, material, apparatus, system, machines, displays, and accessories, for different applications, such as chair mat and computer mouse pad.



91) Family number: 11093281 (US5898643A)

© PatBase

Title: WATCH WITH RADIO–SIGNAL CORRECTION FUNCTION**Priority:** JP19950011650 19950127 JP19950317725 19951206 WO1996JP03586 19961206
JP20060213124 20060804 JP19970521165T 19961206**Family:**

Publication number	Publication date	Application number	Application date
<u>CN1124527 C</u>	20031015	CN19961092341	19961206
<u>CN1177405 A</u>	19980325	CN19961092341	19961206
<u>DE69607499 D1</u>	20000511	DE19966007499	19960124
<u>DE69607499 T2</u>	20001019	DE19966007499T	19960124
<u>DE69616758 D1</u>	20011213	DE19966016758	19961206
<u>DE69616758 T2</u>	20020801	DE19966016758T	19961206
<u>EP0724205 A2</u>	19960731	EP19960300466	19960124
<u>EP0724205 A3</u>	19970502	EP19960300466	19960124
<u>EP0724205 B1</u>	20000405	EP19960300466	19960124
<u>EP0809160 A1</u>	19971126	EP19960941198	19961206
<u>EP0809160 A4</u>	19990310	EP19960941198	19961206
<u>EP0809160 B1</u>	20011107	EP19960941198	19961206
<u>HK1005385 A1</u>	20020712	HK19980104532	19980526
<u>JP2006337380 A2</u>	20061214	JP20060213124	20060804
<u>JP4032069 B2</u>	20080116	JP20060213124	19961206
<u>JP4032069 B2</u>	20080116	JP20060213124	20060804
<u>JP8201546 A2</u>	19960809	JP19950011650	19950127
<u>US5898643 A</u>	19990427	US19970875846	19971103
<u>WO9721153 A1</u>	19970612	WO1996JP03586	19961206

Probable Assignee: CITIZEN HOLDINGS CO LTD**Assignee(s):^(std):** YASUOKA TADASHI ; TAKADA AKINARI ; CITIZEN WATCH CO LTD**Assignee(s):** N A ; CITIZEN HOLDINGS CO LTD ; CITIZEN WATCH CO**Inventor(s):^(std):** TAKADA AKINARI ; YASOOKA TADASHI ; YASUOKA TADASHI ; TAKASHI YASUOKA ; AKINARI TAKADA**Inventor(s):** YASUOKA TAKASHI**Designated states:** AT BE CH CN DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE US**International class**
(IPC 8-9): G04C10/04 G04C3/14 G04C9/02 G04G19/00 G04G5/00 G04R20/00 G04R20/08
G04R20/10 G04R20/20 (Advanced/Invention);
G04C10/00 G04C9/00 G04G19/00 G04G5/00 (Core/Invention)**International class**
(IPC 1-7): G04C G04C11/02 G04C3/14 G04C9/02 G04G G04G5/00**CPC:** G04R20/08 G04R20/10 G04C3/14**European class:** G04C3/14 G04C9/02 G04G5/00B**US class:** 368/47[Classification Explorer](#)**Cited documents:** WO9527927 A1, WO9014721 A1, US5537101 A, US5036500 A, US4860268 A, JPS6246390 U, JPS62207991, JPS61176878, JP7198877 A2, JP6246390 U, JP62207991 A2, JP62046390 U1, JP62046390 U, JP6174864, JP61176878 A2, JP5249256 A2, JP5142365 A2, JP2105093 A2, JP07159555, EP0657794 A2, EP0657793 A1, EP0553722 A2, EP0285838 A1, DE4008898 A1, DE29510378 U1,**Forward Citations:**

Abstract:

PCT/JP96/03586 Sec. 371 Date Nov. 3, 1997

6, 1996 PCT Pub. No. WO97/21153 PCT Pub.

timekeeping function and a function other than

correction function which can only receive

the power supply used is a secondary cell, with a limitation on receiving imposed by the

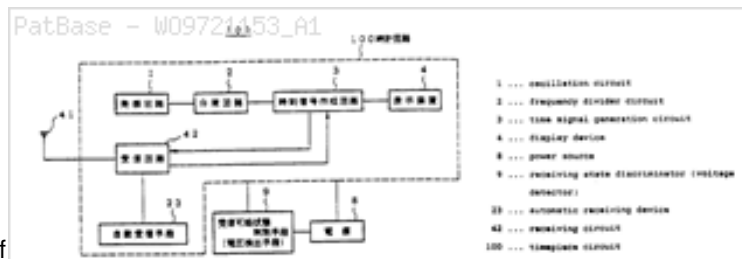
even if the power supply voltage is restored, so that receiving is performed automatically, there are modes in which receiving is not done, and the usefulness of the radio signal correction function is lost. An automatic

which receiving is not done, and the usefulness of the radio-signal correction function is lost. An automatic receiving condition setting means is provided so that if the power supply voltage or generated amount drops so

receiving condition setting means is provided so that if the power supply voltage or generated amount drops so that the watch stops, after which the power supply or generated amount is restored, reception of a radio signal

that the watch stops, after which the power supply or generated amount is restored, reception of a radio signal having a time code is automatically started by the above-noted means.

Having a time code is automatically started by the above-noted means.



92) Family number: 34952956 (DE202007002363U1)

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Title: ANZEIGEGERAET DISPLAY DEVICE HAS HOUSING WHICH COMPRISES INDICATING LIGHT AND LIGHT ATTACHMENT PART WITH INDICATING LIGHT IS LOCATED ON BASE PART, WHERE LIGHT ATTACHMENT PART EMITS LIGHT AROUND LONGITUDINAL AXIS OF DEVICE

Priority: DE200720002363U 20070217

Publication number	Publication date	Application number	Application date
DE202007002363 U1	20070628	DE200720002363U	20070217

Probable Assignee: ORG DELTA GMBH

Assignee(s):(std): ORG DELTA GMBH

International class (IPC 8-9): F21S10/00 F21V33/00 (Advanced/Invention);
F21S10/00 F21V33/00 (Core/Invention)

CPC: F21V23/0442 F21W2111/00 F21Y2115/10

European class: F21V23/04S R21W111/00 R21Y101/02

[Classification Explorer](#)

Abstract:

Source: DE202007002363U1 (Claim 1) 1.
Anzeigegeraet, mit einem Gehaeuse (12), in dem sich wenigstens eine Anzeigeleuchte (16) befindet, der ein Schallpegelsensor (19) zur Steuerung der Anzeigeleuchte (16) ab einem bestimmten Schallpegel zugeordnet ist, dadurch gekennzeichnet, dass das Gehaeuse (12) ein Basisteil (13) mit Stromversorgungseinheit (15) und ein auf dem Basisteil (13) angeordnetes Leuchtenaufsatzteil (14) mit der wenigstens einen Anzeigeleuchte (16) aufweist, wobei das Leuchtenaufsatzteil (14) derart ausgebildet ist, dass eine Lichtabgabe rundum eine Geraetelaengsachse (20) des Anzeigegeraetes (11) moeglich ist. The display device has a housing which comprises an indicating light. A light attachment part (14) with indicating light is located on the base part (13). The light attachment part is formed such that a light is emitted around longitudinal axis of the display device. A noise level sensor (17) is assigned for controlling the indicator light at a certain noise level.

PatBase - DE202007002363_U1

DE 20 2007 002 363 U1 2007.08.02

Anhängende Zeichnungen

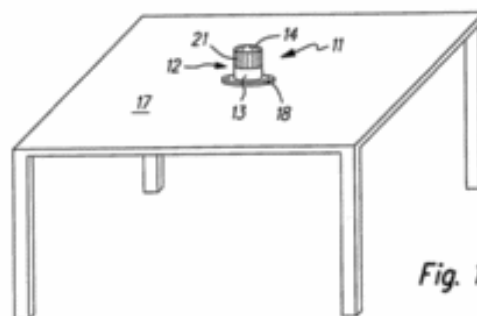


Fig. 1

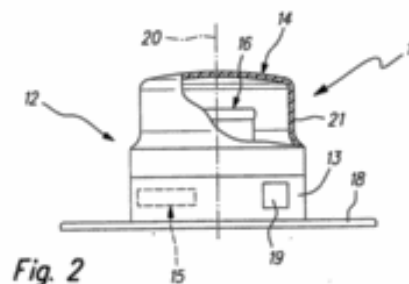


Fig. 2

93) Family number: 34362322 (EP1770715A1)

© PatBase

Title: Micro plasma reactor**Priority:** EP20050447221 20051003

EP20050447236 20051020

Family:

Publication number	Publication date	Application number	Application date
<u>EP1770715 A1</u>	20070404	EP20050447236	20051020
<u>EP1770717 A1</u>	20070404	EP20050447221	20051003

Probable Assignee: TAVAKOLI MEHRAN KESHE**Assignee(s):^(std):** TAVAKOLI MEHRAN KESHE**Assignee(s):** TAVAKOLI KESHE MEHRAN**Inventor(s):^(std):** TAVAKOLI MEHRAN KESHE**Inventor(s):** TAVAKOLI KESHE MEHRAN**Designated states:** AL BA BE GB HR MK YU

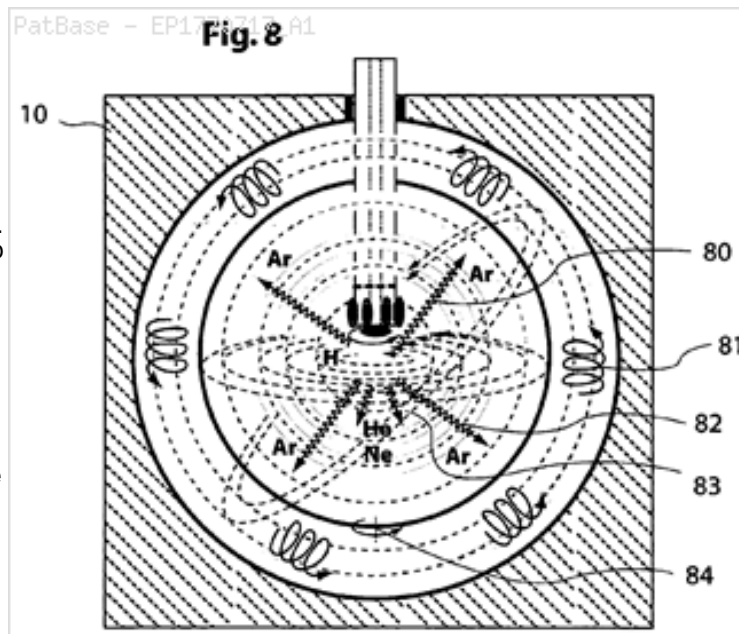
International class G21B1/00 G21K1/00 (Advanced/Invention);
 (IPC 8-9): G21B1/00 G21K1/00 (Core/Invention)

CPC: G21B1/00 G21K1/00**European class:** G21B1/00 G21K1/00[Classification Explorer](#)**Cited documents:** WO0205292 A2, US4831627 A, US4428193 A, US2004247522 AA, US2003002611 AA,

Forward Citations: WO16048254, WO10088242, WO10088242, WO08113392, US9605663, US9474991, US9469553, US9085376, US8636910, US8623212, US8590516, US8288646, GB2446028, BE1019002,

Abstract:

Source: EP1770715A1 A fixed or handheld micro-plasma-reactor can be build-in, connected with and/or inserted into various electrical/electronic devices (i.e. mobile phones, computers), in various objects (i.e. lighting devices in general, light bulb, microchips, IC's), in various container types (i.e. cooking pan) and all type of machines, i.e. vacuum-cleaner, pumps, electrical car, etc., to generate DC current and/or AC, and consequently the various uses resulting from electrical current, for lighting, for heating/cooling, and desired process (i.e. creation magnetic fields). The self-sustaining plasmatic process gives independent functioning without connections to any electrical power network, solar cells or the need to recharge. New type of products will be created. Different type of micro-reactors are decrbed, and new methodes of technology.



94) Family number: 23423380 (US2003073479A)

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Title: ENTERTAINMENT MACHINE

Priority: GB20010021651 20010907 GB20010023950 20011005 GB20010025411 20011023
 GB20010026096 20011031 GB20010026933 20011109 GB20010029903 20011214
 GB20020009548 20020426

Family:	Publication number	Publication date	Application number	Application date	
	<u>EP1310926 A2</u>	20030514	EP20020256234	20020909	
	<u>EP1310926 A3</u>	20040421	EP20020256234	20020909	
	GB200121651 A0	20011031	GB20010021651	20010907	
	GB200123950 A0	20011128	GB20010023950	20011005	
	GB200125411 A0	20011212	GB20010025411	20011023	
	GB200126096 A0	20011219	GB20010026096	20011031	
	GB200126933 A0	20020102	GB20010026933	20011109	
	GB200129903 A0	20020206	GB20010029903	20011214	
	GB200209548 A0	20020605	GB20020009548	20020426	
	GB200227829 A0	20030108	GB20020027829	20021129	
	<u>GB2379614 A1</u>	20030319	GB20010021651	20010907	
	<u>GB2379614 B2</u>	20050330	GB20010021651	20010907	
	<u>GB2380417 A1</u>	20030409	GB20010023950	20011005	
	<u>GB2380417 B2</u>	20060426	GB20010023950	20011005	
	<u>GB2381211 A1</u>	20030430	GB20010025411	20011023	
	<u>GB2381211 A9</u>	20030513	GB20010025411	20011023	
	<u>GB2381211 B2</u>	20060503	GB20010025411	20011023	
	<u>GB2381469 A1</u>	20030507	GB20010026096	20011031	
	<u>GB2381469 B2</u>	20060621	GB20010026096	20011031	
	<u>GB2381757 A1</u>	20030514	GB20010026933	20011109	
	<u>GB2383671 A1</u>	20030702	GB20020027829	20021129	
	<u>US2003073479 AA</u>	20030417	US20020237924	20020905	
	<u>US7172197 BB</u>	20070206	US20020237924	20020905	

Probable Assignee: BELL FRUIT GAMES LTD**Assignee(s):^(std):** BELL FRUIT GAMES LTD**Assignee(s):** GRIFFITHS IAN ; WAIN JOHN LAURENCE ; WILSON RICHARD ; ASTRA ENTERTAINMENT LTD ; BELL FRUIT GAMES LIMITED**Inventor(s):^(std):** GRIFFITHS IAN ; WAIN JOHN LAURENCE ; WILSON RICHARD**Inventor(s):** IAN GRIFFITHS ; JOHN LAURENCE WAIN ; RICHARD WILSON**Agent(s):** GLENN PATENT GROUP; MICHAEL A**Designated states:** AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

International class A63F3/00 A63F7/00 G07F17/32 G07F17/34 G07F17/38 (Advanced/Invention);
^{(IPC 8-9):} G07F17/32 (Core/Invention)

International class A63B71/00 A63F3/00 A63F7/00 A63F9/00 A63F9/24 G06F17/00 G07D5/00 G07F17/32
^{(IPC 1-7):} G07F17/38

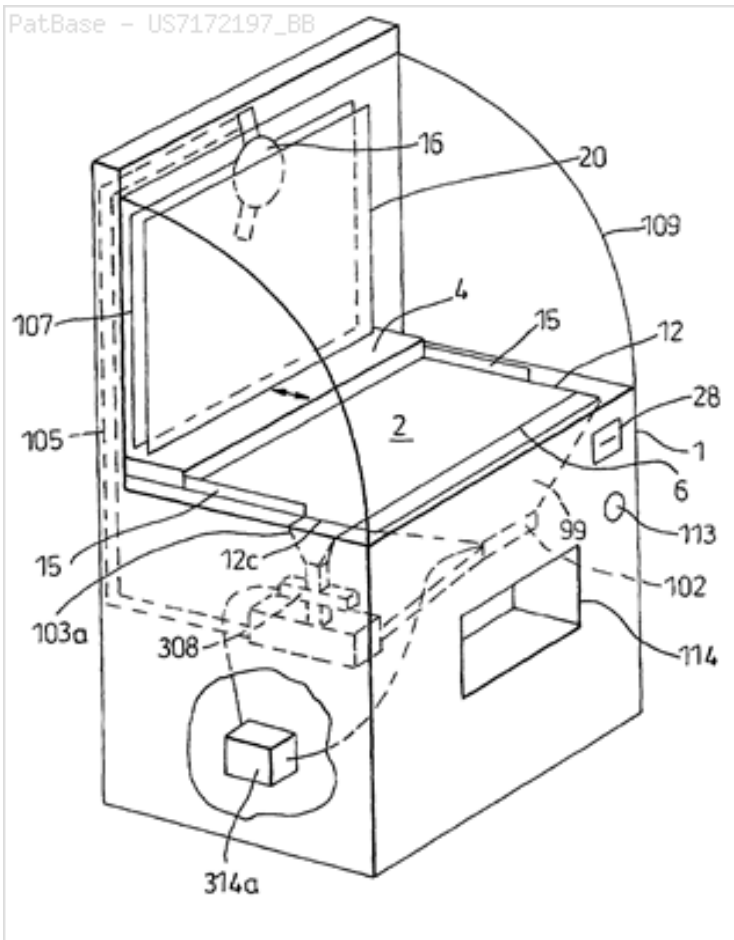
CPC: G07F17/3297 A63F7/00 G07F17/3213**European class:** A63F7/00 G07F17/32C2F2 G07F17/32P10**US class:** 273/138.2 273/138.200S 273/288 273/441 273/441S 463/16 463/16P 463/7 463/7S[Classification Explorer](#)

Cited documents: WO0227678 A1, WO0188868 A1, US6021949 A, US5895321 A, US5860648 A, US5752699 A, US5667217 A, US5651546 A, US5553859 A, US5445138 A, US5014988 A, US4108430 A, GB2381469 A1, GB2381211 A1, GB2380417 A1, GB2379614 A1, GB2378906 A1, GB2363584 A1, GB2329366 A1, GB2327366 A1, GB2305866 A1, GB2303309 A1, GB2250368 A1, EP1310926 A2, EP0965963 A2, EP0964373 A2, EP0964372 A2, EP0767447 A2, EP0755033 A1,

Forward Citations: WO08060564, US9613487, US9514610, US9443369, US9418517, US8920236, US8899585, US8734245, US8647191, US8302966, US8272945, US8256770, US8025573, US7971880, US7753779, US7714697, US7703772, US7575234, US7487972, US7398921, US7172197, US2014206427, US2013341862, US2012049446, US2011183741, US2011124468, US2009118006, US2009115133, US2009033032, US2008176648, US2008119252, US2008076536, US2007200289, US2006287078, US2006194630, US2006106489, US2006070395, US2004207156, NL1026019, GB2503311, GB2480849, GB2381469, EP3021298, EP2462999, EP2002667, EP1985337, BE1019696,

Abstract:

Source: US2003073479A An entertainment machine (100), for example a pusher-type entertainment machine is provided with one or more special features. These special features may be taken from the following examples: using in the machine (100) a playing piece (40, 40i) for which higher awards are made when compared to other playing pieces (40, 40i); using in the machine(100) playing pieces (40, 40i) of variable appearance; using in the machine(100) playing pieces (40, 40i) which may be locatable within the machine(100); providing the machine (100) with a mechanism to detect when it may be unattractive to the prospective players thereof and a mechanism to allow it to introduce further playing pieces into the field of play at that time; providing the machine (100) with a payout controlling mechanism, which may be arranged to keep the percentage payout of the machine within predetermined limits; providing a prize dispenser arranged to dispense non-monetary prizes.



0) US2001000577A – ANTI-GLOBAL WARMING DEVICE

95) Family number: 30276260 (US2001000577A)

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Title: ANTI-GLOBAL WARMING DEVICE

Priority: US19970046027P 19970509 US19970932577 19970919 US19970933663 19970919
 US19990419995 19991018 US19980183359 19981030 US19970933664 19970917
 US19970934270 19970919 US19990359108 19990722 US19970933789 19970919
 US20000735260 20001212 US20020113459 20020328 WO1998US09076 19980504
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 US20000556576 20000424 US19990436291 19991108 US20030747826 20031229
 US20000648951 20000825 US20050178207 20050708 US20000735260 20001211
 WO1998US09080 19980504 WO2001US45616 20011210 WO2001US45616 20011210

Family:

Publication number	Publication date	Application number	Application date
AU199872836 A1	19981127	AU19980072836	19980504
AU199872837 A1	19981127	AU19980072837	19980504
AU199872838 A1	19981127	AU19980072838	19980504
AU199872839 A1	19981127	AU19980072839	19980504
AU199875645 A1	19981127	AU19980075645	19980504
AU2001298089 AA	20040202	AU20010298089	20011210
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US2001000577 AA	20010503	US20000735260	20001211
US2004142733 AA	20040722	US20030747826	20031229
US2006021648 AA	20060202	US20050178207	20050708
US5871859 A	19990216	US19970933664	19970917
US5891487 A	19990406	US19970932577	19970919
US5936193 A	19990810	US19970933789	19970919
US5968456 A	19991019	US19970933663	19970919
US5982139 A	19991109	US19970934270	19970919
US6057050 A	20000502	US19980183359	19981030
US6114834 A	20000905	US19990436291	19991108
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WO9850976 A1	19981112	WO1998US09079	19980504
WO9850996 A2	19981112	WO1998US09077	19980504
WO9850996 A3	19990204	WO1998US09077	19980504

Probable Assignee: PARISE RONALD J

Assignee(s):^(std): PARISE RONALD J ; RONALD J PARISE

Inventor(s):^(std): RONALD J PARISE ; PARISE RONALD J

Inventor(s): PARISE RONALD

Agent(s): MCCARTER AND ENGLISH LLP, CITYPLACE I; MCCARTER AND ENGLISH LLP
 CITYPLACE I; ALIX YALE AND RISTAS LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
(IPC 8-9): B01F13/00 B01F5/06 B29C47/24 B29C47/92 B60L8/00 F01N3/00 F01N3/20 F28D15/02 G01J5/12 G01J5/28 H01L25/00 H01L31/00 H01L31/052 H01L31/058 H01L35/00 H01L35/12 H01L35/22 H01L35/30 H01M10/44 H01M10/50 H01M8/04 H02J17/00 H02J7/02 H02N6/00 H04Q7/20 (Advanced/Invention);
B01F13/00 (Advanced/Non-invention);
B01F5/06 B29C47/20 B29C47/92 B60L8/00 F01N3/00 F01N3/20 F28D15/02 H01L25/00 H01L31/00 H01L31/058 H01L35/00 H01L35/28 H01M10/42 H01M8/04 H02J17/00 H02J7/02 H02N6/00 H04Q7/20 (Core/Invention);
B01F13/00 (Core/Non-invention);
F24J (Subclass/Invention)

International class
(IPC 1-7): B01D53/34 B01F5/06 B02K21/00 B29C47/12 B60K41/00 B67D5/56 F01N3/10 F24J H01L31/00 H01L35/00 H01L35/12 H01L35/22 H01L35/28 H01L35/29 H01L35/30 H01M10/44 H01M10/50 H01M14/00 H01M6/00 H01M8/00 H02J7/00 H04B1/38 H04M1/00 H04Q7/20

CPC: B60L1/08 B60L2240/545 B60L2240/662 Y02T90/34 Y02T90/162 Y02T90/163 B60L11/1837 B60L11/1838 B60L2240/62 Y02T90/16 H01L35/32 B60L11/002 B60L11/1801 B60L2270/32 B29C47/0019 B29C47/003 B29C2947/92571 B29C2947/92904 B60H1/00271 B60L3/0046 B60L3/0053 B60L11/1809 B60L11/1874 B60L11/1875 B60L11/1879 H01M10/486 Y02T10/705 F28D15/0275 B60L11/185 F28D15/0233 Y02T90/128 Y02T10/7005 Y02T90/14 B60L11/182 B60L8/00 Y02T10/7083 Y02T90/168 Y04S30/12 H02J17/00 B01F5/0614 B01F13/002 B01F2215/0039 B29C47/0009 B29C47/24 B29C2947/92104 B29C2947/926 B29C2947/92704 F01N3/2006 F01N3/2013 F01N3/2046 H01M8/04007 H01M10/443 H02J7/025 Y02T10/26 H02S10/10 H02S40/44 H01L35/30 G01J5/12 G01J5/28 H01L31/052 H01L35/00 Y02E10/60 Y02T10/7291 Y02T90/121 Y02T90/122 H01M10/613 H01M10/615 H01M10/625 H01M10/63 H01M10/647 H01M10/654 H01M10/6551 H01M10/6555 H01M10/6572 H01M10/633 H01M10/6552 B29C47/92 Y02P70/56 Y02T10/7072 Y02E10/50 H01L31/0521

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 FR2954885, FR2923858, EP2992587, EP2937713, EP2733756, EP2669991,
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 EP1911145, EP1770606, DE19919023, DE19919023, DE102013022190,
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 CN102549789, CN102439756, CN102439756, CN102334258, CN102102569,
 CN101976864, CN101860090, CN101842963, AU2006251566, AU2006249578,
 AU2006216920,

Source: US2001000577A A method and device for transmitting thermal energy from the surface of the earth into deep space to assist in the alleviation of global warming. The method comprises arranging a thermal energy transmitting material over a terrestrial object, and, positioning said thermal energy transmitting material so that a transmitting surface thereof faces deep space, said material having spectral surface properties of high emissivity in a spectral band substantially transparent to the atmosphere of the earth. The device comprises a thermal energy transmitting material designed to cover a terrestrial object and positioned with a transmitting surface thereof facing deep space, said transmitting material having spectral surface properties of high emissivity in a spectral band substantially transparent to the atmosphere of the earth.

PCT/US98/09077



96) Family number: 20308714 (US5352342A)

© PatBase

Title: Method and apparatus for preventing corrosion of metal structures
Priority: US19930034783 19930319 US19940292965 19940822 WO1994US02801 19940321
Family:

Publication number	Publication date	Application number	Application date
AT204032 E	20010815	AT19940911607T	19940321
AU199464087 A1	19941011	AU19940064087	19940321
AU728739 B2	20010118	AU19940064087	19940321
CA2158558 AA	19950918	CA19942158558	19940321
CA2158558 C	20050607	CA19942158558	19940321
CL1994000405 A1	19950830	CL19940000405	19940318
CL40415 B	20000404	CL19940000405	19940318
DE69429937 D1	20020328	DE19946029937	19940321
DE69429937 T2	20020613	DE19946029937T	19940321
DK0690933 T3	20011105	DK19940911607T	19940321
EP0690933 A1	19960110	EP19940911607	19940321
EP0690933 A4	19960626	EP19940911607	19940321
EP0690933 B1	20010808	EP19940911607	19940321
ES2162624 T3	20020101	ES19940911607T	19940321
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JP3183889 B2	20010709	JP19940521190	19940321
JP8510503 T2	19961105	JP19940521190T	19940321
PT690933 T	20020130	PT19940911607T	19940321
SA1551 B1	20061111	SA19940150014	19940620
TW245746 B	19950421	TW19940103359	19940415
US5352342 A	19941004	US19930034783	19930319
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WO9421843 A1	19940929	WO1994US02801	19940321
ZA9401892 A	19941018	ZA19940001892	19940317

Probable Assignee: MARINE ENVIRONMENTAL RESEARCH INC
Assignee(s):^(std): GRAHAM OTHO L ; MARINE ENVIRONMENTAL RES ; RIFFE WILLIAM ; RIFFE WILLIAM J
Assignee(s): WILLIAM J RIFFE ; WILLIAM RIFFE ; WILLIAM J RALPH ; MARINE ENVIRONMENTAL RESEARCH INC
Inventor(s):^(std): REVI WILLIAM J ; RIFFE WILLIAM ; RIFFE WILLIAM J
Inventor(s): WILLIAM J RIFFE ; WILLIAM RIFFE
Agent(s): SPRUSON AND FERGUSON; ASPEN PHARMA PTY LTD; OGILVY RENAULT LLP SENCRL SRL; SARGENT
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KG KP KR KZ LI LK LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG TJ TT UA UZ VN
International class
 (IPC 8-9): [C03B11/02](#) [C09D5/08](#) [C23F13/00](#) [C23F13/02](#) [C23F15/00](#) (Advanced/Invention);
[C23F13/00](#) (Advanced/Non-invention);
[C03B11/02](#) [C09D5/08](#) [C23F13/00](#) (Core/Invention)
International class
 (IPC 1-7): [C23F](#) [C23F13/00](#) [C23F13/02](#) [C23F15/00](#)
CPC: [C09D5/08](#)

European class: C09D5/08

US class: 204/147 204/196 204/196.01 204/196.26 204/196.27 204/196.36 205/735 205/740

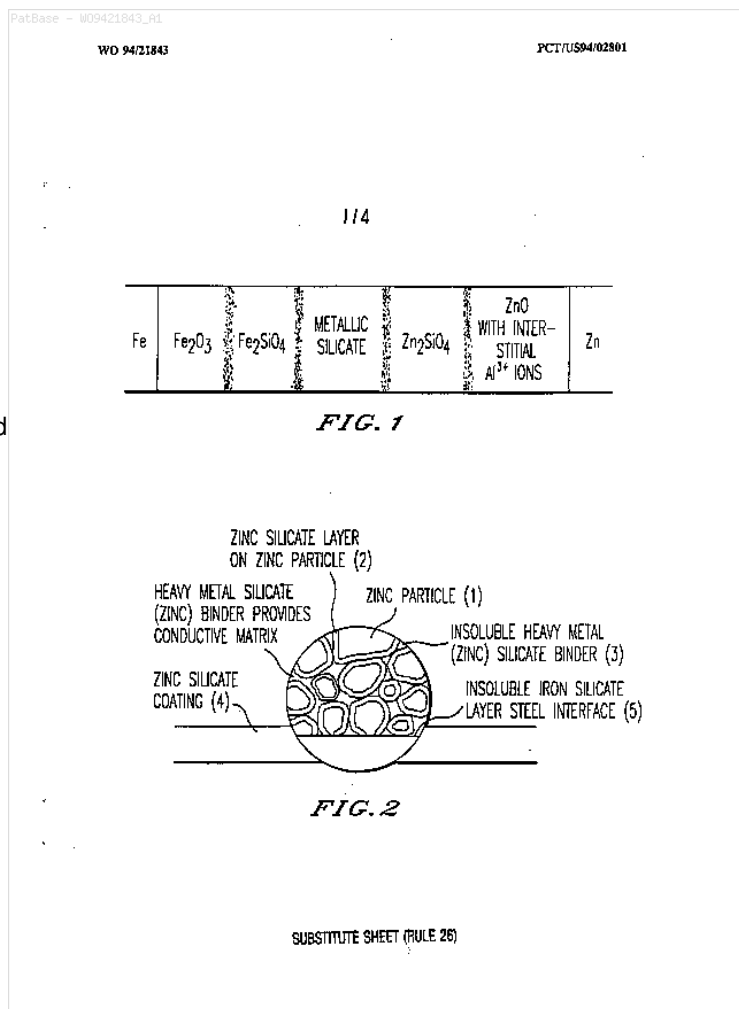
[Classification Explorer](#)

Cited documents: US911260 A, US5055165 A, US5009757 A, US414943 A, US4136309 A, US3612898 A, US3581148 A, US3205381 A, US28793 A, US2813242 A, US2584623 A, US129971 A, US126356 A, SU571786 T, JP52036064 A2, DE3621810 A1, DE2451315 A1,

Forward Citations: WO04016826, WO02101117, WO0206563, WO0143173, US8496511, US7318889, US7244498, US7041895, US7029569, US6994779, US6933046, US6890420, US6866896, US6866770, US6811681, US6599643, US6592738, US6572756, US6562201, US6551491, US6524466, US6508349, US6399021, US6325915, US6258243, US6153080, US6149794, US6080334, US6024861, US5750071, US5650060, US2007252316, US2007098990, US2007023295, US2006090915, US2005176851, US2005109635, US2004188262, US2004134795, US2004089559, US2004051332, US2003230494, US2003178317, US2003165627, KR100897320, KR100822090, KR100765589, JP2004504488, JP2003519725, EP1785510, EP1412556, EP1316913, EP1236223, AU784620, AU2001280458,

Abstract:

Source: US5352342A A system for preventing corrosion of a surface of a metal structure in contact with a corrosive environment comprising: (a) a conductive zinc silicate coating in conductive contact with at least part of the surface, wherein the conductive zinc silicate coating forms an interfacial layer between the surface and the corrosive environment; and (b) means for imparting a net negative bias to the metal structure, wherein the means comprise a power supply means having a negative terminal directly coupled to the metal structure and a positive terminal coupled to a portion of the metal structure, remote from the negative terminal, by way of a capacitor or resistor, and a method of preventing corrosion using the system.



97) Family number: 30253428 (US6195067B)

© PatBase

Title: Remotely adjustable mesh deployable reflectors

Priority: CA20002298250 20000208 EP20000101633 20000131 EP20000101633 20000131
US19990247162 19990209

Family:	Publication number	Publication date	Application number	Application date
	<u>CA2298250 AA</u>	20000809	CA20002298250	20000208
	<u>DE60007008 D1</u>	20040122	DE20006007008	20000131
	<u>DE60007008 T2</u>	20040930	DE20006007008T	20000131
	<u>DE60027794 D1</u>	20060608	DE20006027794	20000131
	<u>DE60027794 T2</u>	20060928	DE20006027794T	20000131
	<u>EP1028485 A2</u>	20000816	EP20000101633	20000131
	<u>EP1028485 A3</u>	20020320	EP20000101633	20000131
	<u>EP1028485 B1</u>	20031210	EP20000101633	20000131
	<u>EP1387438 A1</u>	20040204	EP20030017697	20000131
	<u>EP1387438 B1</u>	20060503	EP20030017697	20000131
	<u>JP2000244236 A2</u>	20000908	JP20000031653	20000209
	<u>JP3672786 B2</u>	20050720	JP20000031653	20000209
	<u>RU2000103488 A</u>	20020820	RU20000103488	20000208
	<u>US6195067 BA</u>	20010227	US19990247162	19990209

Probable Assignee: NORTHROP GRUMMAN SYSTEMS CORP

Assignee(s):^(std): NORTHROP GRUMMAN CORP ; TRW INC

Assignee(s): NORTHROP GRUMMAN SPACE AND MISSION SYSTEMS CORP ; NORTHROP GRUMMAN SYSTEMS CORP ; NORTHROP GRUMMAN CORP LOS ANGELES ; GILGER L DWIGHT

Inventor(s):^(std): GILGER DWIGHT L ; GILGER L DWIGHT

Agent(s): GOWLING LAFLEUR HENDERSON LLP

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

International class
(IPC 8-9): B64G1/22 B64G1/66 H01Q1/08 H01Q1/28 H01Q15/14 H01Q15/16 H01Q15/20 H01Q19/12 (Advanced/Invention)

International class
(IPC 1-7): B64G1/22 B64G1/66 H01Q1/08 H01Q1/28 H01Q15/14 H01Q15/16 H01Q15/20 H01Q19/12

CPC: H01Q1/288 H01Q15/14 H01Q15/147 H01Q15/161 H01Q15/168

European class: H01Q1/28F H01Q15/14 H01Q15/14D H01Q15/16B H01Q15/16D

US class: 343/912 343/915

[Classification Explorer](#)

Cited documents: US6028570 A, US6028569 A, US5990850 A, US5680145 A, US5440320 A, US5307080 A, US4811033 A, US4475323 A, JP10135729,

Forward Citations: WO12170730, WO12170730, US9484636, US7536533, US7102579, US6984049, US6618025, US6441801, US2015244081, US2015162656, US2007198101, US2005068238, US2004085657, JP4202267, JP2005519510, CN104300198, CN102173312, CN101823564,

Abstract:

Source: US6195067B The reflective mesh material that forms the reflector in a foldable perimeter truss antenna is remotely adjusted to shape using remotely controlled stepper motors carried on the truss. Connected to the end of the catenaries, which shape and support the pliant reflective mesh material on the truss, the stepper motors adjust the tension on the catenaries and thereby change its shape. An RF receiver and electronic controller associated with each stepper motor receives the tension command information from a remote source and controls the stepper motor in accordance with that information.

PatBase - US6195067_BA

U.S. Patent

Feb. 27, 2001

Sheet 1 of 3

US 6,195,067 B1

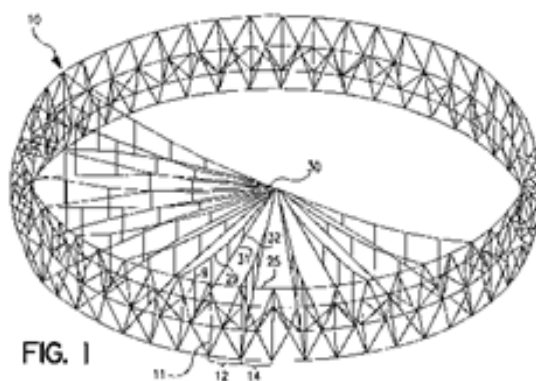


FIG. 1

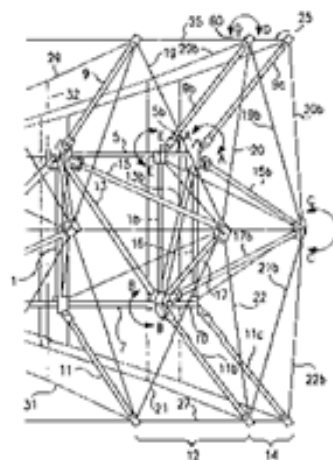


FIG. 2

98) Family number: 32285380 (US2005219837A)

© PatBase

Title: APPARATUSES AND METHODS FOR VISION ASSISTANCE**Priority:** US20040818238 20040405

Family:	Publication number	Publication date	Application number	Application date
	<u>US2005219837 AA</u>	20051006	US20040818238	20040405
	<u>US7111956 BB</u>	20060926	US20040818238	20040405
	<u>WO05098314 A2</u>	20051020	WO2005US11802	20050404
	<u>WO05098314 A3</u>	20060720	WO2005US11802	20050404

Probable Assignee: LIGHT ON LLC**Assignee(s):**^(std): BROWN NATHAN D ; LIGHT ON LLC**Inventor(s):**^(std): BROWN NATHAN D ; BROWN NATHAN DEREK**Inventor(s):** BROWN NATHAN**Agent(s):** MARK S PELOQUIN PELOQUIN PLLC; PELOQUIN PLLC; MARK S

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class
^(IPC 8-9): A42B1/24 F21V21/00 F21V33/00 F21W121/06 ^(Advanced/Invention);
F21W121/06 ^(Advanced/Non-invention);
A42B1/00 F21V21/00 F21V33/00 ^(Core/Invention)

International class
^(IPC 1-7): F21V33/00

CPC: A42B1/244 A42B3/0446**European class:** A42B1/24B2 A42B3/04B6B2**US class:** 2/209.13 362/105 362/106 362/183 362/84[Classification Explorer](#)**Cited documents:** US6733150 BA, US6721962 BA, US6659618 BB, US6659618 BA, US6244721 BA, US6056413 A, US5667292 A, US4827384 A, US4525878 A, US2004264176 AA,

Forward Citations: WO13074799, USD770143, USD682343, USD629182, US9609902, US9585431, US9568173, US9526292, US9526287, US9513495, US9392832, US9316391, US9185278, US9101174, US8979295, US8899744, US8892220, US8813268, US8783892, US8757831, US8608333, US8567945, US8550651, US8545012, US8540364, US8491145, US8491118, US8485682, US8444266, US8388164, US8333485, US8235524, US8192043, US8161570, US8157402, US8152330, US7845816, US7621000, US7506992, US7273297, US2012078393, US2012014095, US2011084821, US2011069476, US2010313335, US2010138971, US2010095431, US2009303698, US2009180278, US2008266839, US2008232092, US2008080171, US2006212994, US2006114671,

Source: US2005219837A A method includes inserting a light source into an item of head apparel, such that the light source is substantially contained within a volume of the item of head apparel. An apparatus includes a light source and a head apparel bill. The head apparel bill is configured to receive the light source, such that the light source is substantially contained within a volume of the head apparel bill and a user's vision can be assisted by light emitted from the light source.



0) DE202006002032U1 – SOLAR-POWERED LED-CABINET ILLUMINATION SYSTEM, ...

99) Family number: 33103485 (DE202006002032U1)

© PatBase

Title: SOLAR-POWERED LED-CABINET ILLUMINATION SYSTEM, HAS MOVEMENT SENSOR AND COMBINATION OF LED, STORAGE BATTERY AND SOLAR CELL FOR ILLUMINATING PIECES OF FURNITURE

Priority: DE200620002032U 20060209

Family:	Publication number	Publication date	Application number	Application date
	<u>DE202006002032 U1</u>	20060601	DE200620002032U	20060209

Probable Assignee: MAIBOM FRANK

Assignee(s):^(std): MAIBOM FRANK

International class
(IPC 8-9): A47B61/00 F21S9/02 F21S9/03 F21V33/00 (Advanced/Invention);
F21Y101/02 (Advanced/Non-Invention);
A47B61/00 F21S9/00 F21V33/00 (Core/Invention)

CPC: F21S9/032 A47B61/003 A47B97/00 F21V23/0442 F21V33/0012 F21Y2115/10

European class: A47B61/00B A47B97/00 F21S9/03I F21V23/04S F21V33/00A3 R21Y101/02

[Classification Explorer](#)

Forward Citations: WO11060568, WO11004409, WO09018715, WO07085600, ITAN20090040, FR3010173, FR2974403, FR2951759, DE202009004333, DE102011053102, DE102009032544, DE102009032544, DE102007061244,

Abstract:

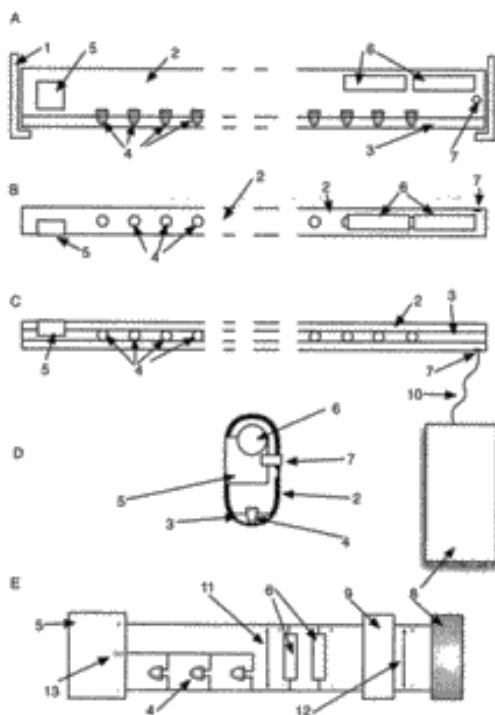
A solar-powered LED-cabinet lighting system has a movement sensor and a combination of the components; LED/storage battery/solar cell/movement sensor for illumination of pieces of furniture.

PatBase - DE202006002032_U1

DE 20 2006 002 032 U1 2006.07.06

Anhängende Zeichnungen

Solarbetriebene LED-Schrankbeleuchtung mit Bewegungssensor: Zeichnung1



100) Family number: 29909611 (US2003233189A)

© PatBase

Title: MOBILE-TRAILER TRACKING SYSTEM AND METHOD
Priority: US20020171586 20020613 WO2003US18715 20030613
Family:

Publication number	Publication date	Application number	Application date
AU2003304114 AA	20050224	AU20030304114	20030613
BRPI0311751 A	20050816	BR2003PI11751	20030613
CA2529091 AA	20041210	CA20032529091	20030613
CN1678983 A	20051005	CN20038019166	20030613
EP1512066 A2	20050309	EP20030739123	20030613
EP1512066 A4	20050817	EP20030739123	20030613
IN03055CN2004 A	20060217	IN2004CN03055	20041231
JP2006515696 T2	20060601	JP20050509558T	20030613
US2003233189 AA	20031218	US20020171586	20020613
US6687609 BB	20040203	US20020171586	20020613
WO03107030 A2	20031224	WO2003US18715	20030613
WO03107030 A3	20040415	WO2003US18715	20030613
WO03107030 C1	20041223	WO2003US18715	20030613

Probable Assignee: DEERE AND CO**Assignee(s):**^(std): NAVCOM TECH INC ; NAVCOM TECHNOLOGY INC**Assignee(s):** WILLIAMS WILLIAM PETER ; DEERE AND CO ; HSIAO VICTOR K**Inventor(s):**^(std): HSIAO VICTOR K ; VICTOR K HSIAO ; WILLIAM PETER WILLIAMS ; WILLIAMS WILLIAM PETER ; WILLIAMS WILLIAM P ; PETER WILLIAMS WILLIAM**Inventor(s):** WILLIAM P WILLIAMS**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SMART AND BIGGAR**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

International class
^{(IPC 8-9):} [B65G63/00](#) [G01C21/26](#) [G06F7/00](#) [G06Q50/00](#) [G08G1/123](#) [G08G1/127](#)
[G08G1/13](#) (Advanced/Invention);
[G01C21/26](#) [G08G1/123](#) [G08G1/127](#) (Core/Invention)

International class
^{(IPC 1-7):} [G01C21/26](#) [G01S](#) [G06F17/60](#) [G06F7/00](#) [G08G1/123](#) [G08G1/127](#)

CPC: [G01C21/26](#) [G08G1/20](#)**European class:** [G01C21/26](#) [G08G1/20](#)**US class:** [340/988](#) [340/988S](#) [340/993](#) [342/27](#) [701/207](#) [701/207P](#) [701/517](#) [701/521](#) [701/521P](#)[Classification Explorer](#)**Cited documents:** US6492904 BB, US5999091 A, US5880958 A, US5831519 A, US5142278 A, US5025253 A,**Forward Citations:** WO14200414, WO11025829, WO09067694, WO09067694, WO08037645, WO08037645, WO07106191, WO07106191, WO07047359, WO07047359, WO06133535, USRE46326, USRE40073, US9619679, US9456468, US9454745, US9352777, US9315212, US9260078, US9248858, US9232055, US9177282, US9142107, US9123005, US9084076, US9037349, US9035792, US8994546, US8977236, US8971853, US8896449, US8880416, US8874088, US8866615, US8862313, US8843312, US8842013, US8803683, US8779966, US8751290, US8742929, US8742897, US8694235, US8686861, US8604912, US8593280, US8514082, US8497761,

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EP2008060, EP2008060, EP1938227, EP1938227, EP1688901, CN104766390,
CN103927644, CN103093627, CN103020799, CN103020799, CN102737299,
CN102737299, CN102695994, CN102695994, CN102263800, AU2010238558,

Abstract:

Source: US2003233189A A position tracking system for a plurality of mobile tractors and trailers includes an unique electronic identifier for each of a plurality of trailers. For each tractor of a plurality of tractors, the position tracking system includes a navigation system for determining a current position of the tractor, an electronic identifier reader for acquiring the electronic identifier of a trailer coupled to the tractor, and a position-reporting subsystem for reporting to a remote system the current position of the tractor and the electronic identifier of the trailer coupled to the tractor. In addition, the position tracking system includes, at each facility of a plurality of fixed-location facilities, one or more electronic identifier readers for acquiring the electronic identifier of one or more trailers located within the facility, and a trailer-presence reporting subsystem for reporting to the remote system the presence of the one or more trailers located within the facility.

PatBase - W003107030_A2

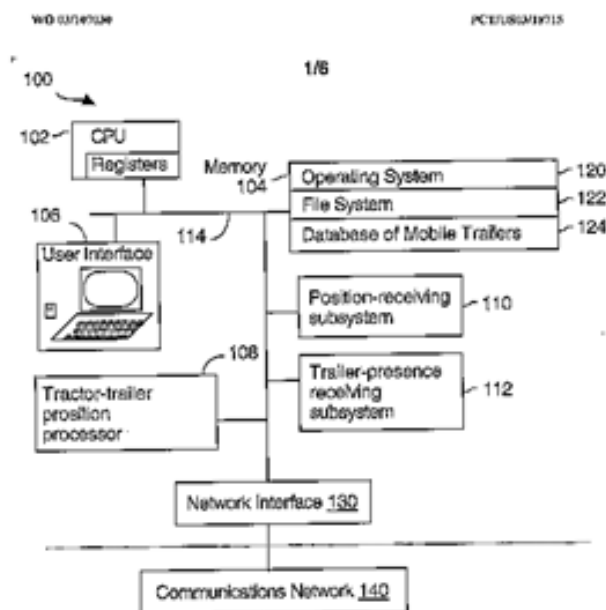


FIG. 1

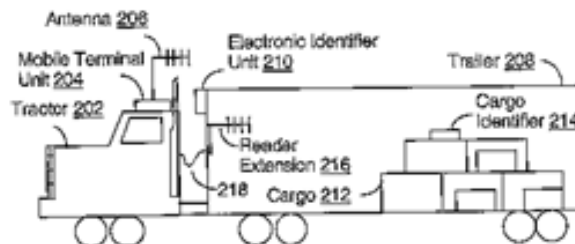


FIG. 2

101) Family number: 10695421 (US5727103A)

© PatBase

Title: OPTICAL LEAKAGE PREVENTING APPARATUS AND SELF-LIGHT-EMITTING INDICATING APPARATUS USING THE SAME

Priority: GB19940022625 19941109 JP19930279930 19931109 JP19940261616 19940930
 JP19940136186 19940617 JP19940253939 19941019 JP19940250811 19941017
 US19960773590 19961227 US19940336211 19941104

Family:	Publication number	Publication date	Application number	Application date
	<u>CN1115035 A</u>	19960117	CN19941018091	19941109
	<u>GB2283832 A1</u>	19950517	GB19940022625	19941109
	<u>GB2283832 B2</u>	19980121	GB19940022625	19941109
	<u>GB2308896 A1</u>	19970709	GB19970002300	19941109
	<u>GB2308896 B2</u>	19980121	GB19970002300	19941109
	<u>GB2308897 A1</u>	19970709	GB19970002793	19941109
	<u>GB2308897 B2</u>	19980121	GB19970002793	19941109
	GB9422625 A0	19950104	GB19940022625	19941109
	GB9701931 A0	19970319	GB19970001931	19970130
	GB9702300 A0	19970326	GB19970002300	19941109
	GB9702793 A0	19970402	GB19970002793	19941109
	<u>JP8171352 A2</u>	19960702	JP19940253939	19941019
	<u>KR100348541 B1</u>	20021123	KR19940029157	19941108
	<u>KR19950014909 A</u>	19950616	KR19940029157	19941108
	<u>MY122549 A</u>	20060429	MY19940002960	19941108
	<u>SG48864 A1</u>	19980518	SG19960003166	19941109
	<u>TH19169 A</u>	19960614	TH19941002389	19941107
	<u>TW288234 B</u>	19961011	TW19940109866	19941026
	<u>US5727103 A</u>	19980310	US19960773590	19961227
	<u>VN331 A1</u>	19970425	VN19940000873	19941031
	<u>VN331 A3</u>	19970425	VN19940000873	19941031
	<u>VN332 A1</u>	19970425	VN19960002503	19941031
	<u>VN332 A3</u>	19970425	VN19940000873	19941031

Probable Assignee: SANYO ELECTRIC CO**Assignee(s):^(std):** SANYO ELECTRIC CO ; SANYO ELECTRIC MACHINERY CO LTD**Assignee(s):** SANYO ELECTRIC CO LTD**Inventor(s):^(std):** KUNIO OKAMOTO ; MATSUSAKA KAJI ; MATSUSAKA YOSHIHARU ; MATSUZAKA YOSHIHARU ; OKAMOTO KUNIO ; YOSHIHARU MATSUSAKA**Inventor(s):** YoshiharuOkamoto ; Matsusaka ; KAJI MATSUSAKA ; Kunio

International class
 (IPC 8-9): E01F9/00 E01F9/016 G01J1/42 G02B6/10 G02B6/36 G02B6/40 G02B6/42 G09F9/30
G09F9/305 (Advanced/Invention);
G02B6/00 G09F13/04 G09F9/305 (Advanced/Non-invention);
G01J1/42 G02B6/36 G02B6/40 G02B6/42 G09F9/30 (Core/Invention);
G09F13/04 G09F9/30 (Core/Non-invention)

International class
 (IPC 1-7): E01F9/00 G02B6/00 G02B6/36 G02B6/42 G02B7/00 G06F13/00 G09F13/00 G09F13/20
G09F9/30

CPC: G02B6/3644 G02B6/3664 G09F27/007 Y10S385/901 G02B6/4298 G02B6/403
G02B6/4202 G02B6/4249 G09F9/305 G09F2009/3055 G09F2013/0472

European class: G02B6/40B G02B6/42C2 G02B6/42L G09F9/305 S02B6/36M2H S02B6/36M6
S02B6/42C8 S09F13/04R12 S09F9/305T

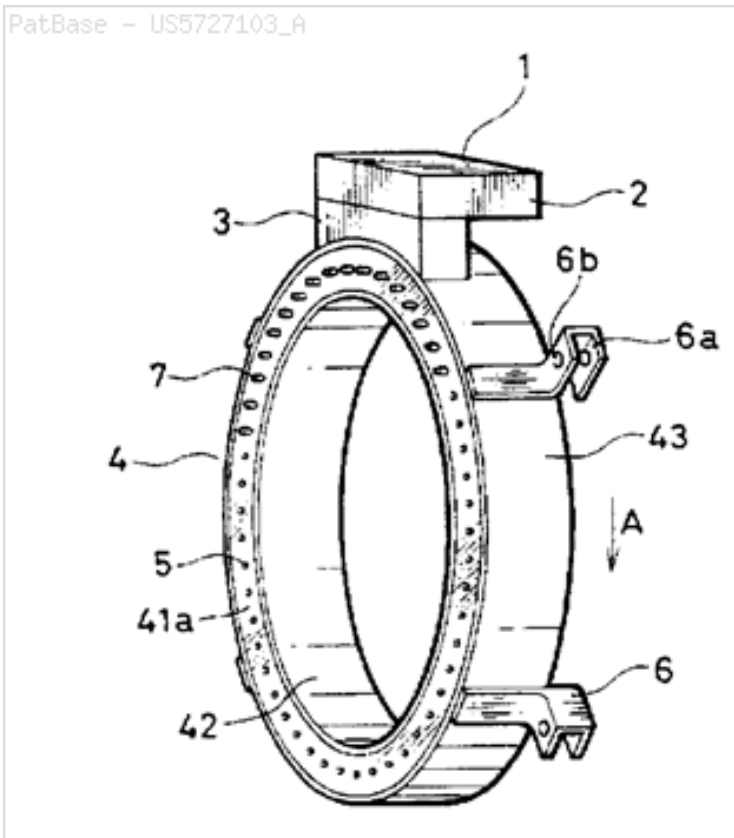
US class: 385/89 385/901

Cited documents: WO9221997 A1, US5295221 A, US5193893 A, US5151679 A, US5103581 A, US5066947 A, US5040320 A, US4922384 A, US4917448 A, JPS635579, JPS63205689, JP63205689 A2, GB2201023 A1, GB2003294 A1, GB1481334 A, GB1374995 A, GB1309305 A, GB1203010 A, EP0562873 A1, EP0544149 A1, EP0467034 A1, EP0422777 A1, EP0401175 A2,

Forward Citations: US7229163, US6229713, US2011240122, US2005105880, US2004189754, NL1008780, KR101729566, EP1102231, DE102007027736, DE102007027736,

Abstract:

Source: US5727103A A self-light-emitting indicating apparatus including an enclosure formed by combining a pair of opposing semi-tubular bodies, each having first and second support members positioned at both ends; first and second panels fixed on the first and second support members respectively, at least one of the first and second panels having a plurality of through-holes and/or having a sign indicating portion; a plurality of optical fibers contained in a container portion defined by the enclosure and the first and second panels, each having one end inserted and fixed in one of the plurality of through-holes provided in at least one of the first and second panels, and a light emitting diode contained in the container portion, arranged adjacent to the other end of the plurality of optical fibers which are bundled and cut, and having an optical leakage preventing means. When the light from the emitting diode is to be transmitted to the adjacent number of optical fibers, optical loss can be suppressed by the optical leakage preventing means, and in addition, light points at the rear ends of the optical fibers can be arranged along the periphery of the existing sign board, so that existence of a fire hydrant is made readily visible.



102) Family number: 33018762 (NL1026981C)

© PatBase

Title: ILLUMINATION ARTICLE AND ITEM OF FURNITURE PROVIDED WITH IT COMPRISES LIGHT SOURCE, SOLAR CELL AND BATTERY

Priority: NL20041026981 20040906

Family:	Publication number	Publication date	Application number	Application date
	<u>NL1026981 C1</u>	20060307	NL20041026981	20040906

Probable Assignee: IMAGE LICHTRECLAME V O F

Assignee(s):^(std): IMAGE LICHTRECLAME V O F

Assignee(s): IMAGE LICHTRECLAME VOF

Inventor(s):^(std): PLATVOET BOB HENDRIK KARL

Inventor(s): BOB HENDRIK KARL PLATVOET

International class
(IPC 8-9): A47B37/00 F21S9/03 H05B37/02 (Advanced/Invention);
A47B37/00 F21S9/00 H05B37/02 (Core/Invention)

International class
(IPC 1-7): A47B37/00 F21S9/03 H05B37/02

CPC: A47B97/00 A47B2220/0077 F21S9/037 F21V33/0012 G02B6/0038 G02B6/0068 G02B6/0073 G02B6/0095

European class: A47B97/00 F21S9/03W F21V33/00A3 G02B6/00L6 K47B220/00J1 S02B6/00L6O4G S02B6/00L6S2 S02B6/00L6S6 S02B6/00L6U14

[Classification Explorer](#)

Forward Citations: WO11086587, US8469539, NL1031918, GB2478655, GB2478655, CN102783823,

Abstract:

Illuminating article, and item of furniture provided with it, comprises a light source, a solar cell and a battery (11). It stores energy during the day and at night emits a part of this energy in the form of light. The light source comprises a plastic transparent plate (3), which on one side edge is illuminated by a number of light-emitting (5a,5b,5c) diodes, beneath which the solar cell (6) is fitted. At least one surface of the transparent plate is provided with a relief on the side turned toward the solar cell. The relief is provided with an assembly of lines running parallel to one side edge provided with an illumination.

PatBase - NL1026981_C1

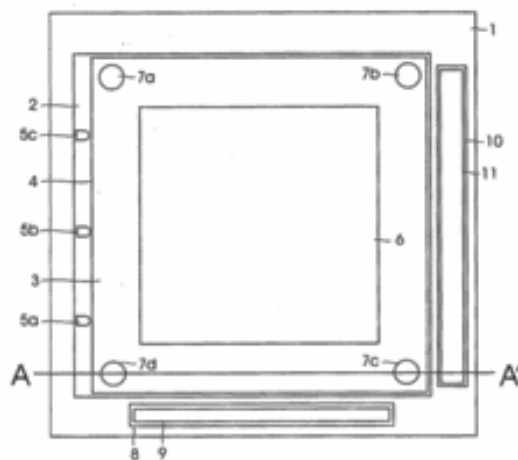


Fig. 1A



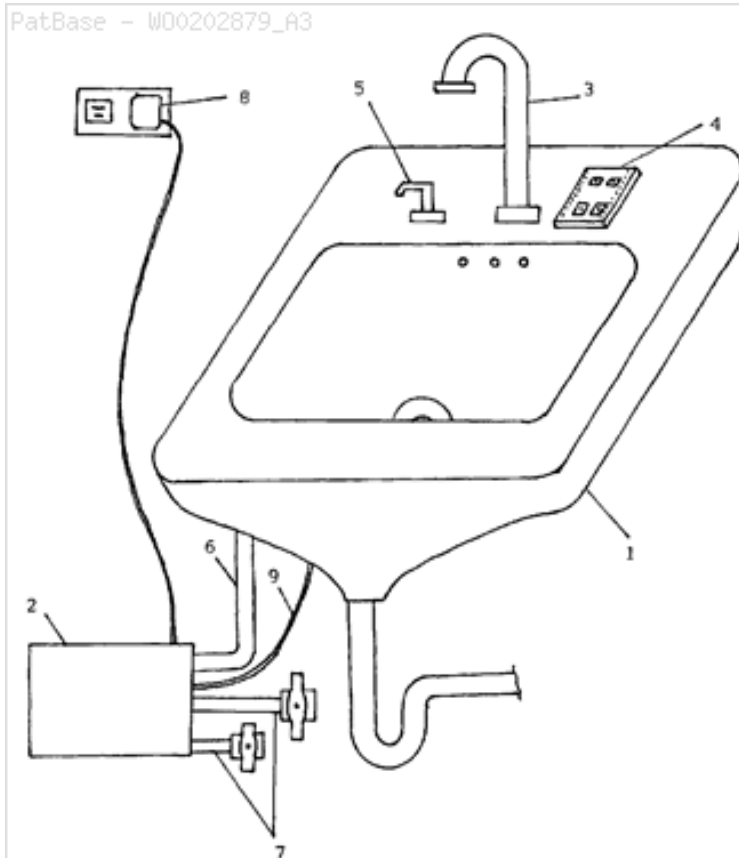
Fig. 1B

1026981

Title:	DIGITAL FAUCET OF VARIABLE FLOW			
Priority:	MX2000NL07053 20000629 MX2000PA07053 20000629 WO2001MX00035 20010611			
Family:	Publication number	Publication date	Application number	Application date
	AU200169599 A5	20020114	AU20010069599	20010611
	MXPA00007053 A1	20020424	MX2000PA07053	20000629
	US2004256009 AA	20041223	US20020467955	20021203
	WO0202879 A2	20020110	WO2001MX00035	20010611
	WO0202879 A3	20020906	WO2001MX00035	20010611
Probable Assignee:	VALENZUELA JOEL			
Assignee(s):^(std):	HERNANDEZ JOEL VALENZUELA ; JOEL VALENZUELA HERNANDEZ ; VALENZUELA HERNANDEZ JOEL			
Assignee(s):	VALENZUELA JOEL			
Inventor(s):^(std):	HERNANDEZ JOEL VALENZUELA ; JOEL VALENZUELA HERNANDEZ ; VALENZUELA HERNANDEZ JOEL ; VALENZUELA JOEL			
Designated states:	AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW			
International class (IPC 8-9):	E03C1/05 F16K11/22 G05D23/13 (Advanced/Invention); E03C1/05 F16K11/10 G05D23/01 (Core/Invention)			
International class (IPC 1-7):	E03B9/02 E03C E03C1/02 F16K11/08 F16K31/04 G05D7/06			
CPC:	E03C1/05 G05D23/1393 Y10T137/87692 E03C1/055 F16K11/22			
European class:	E03C1/05 E03C1/05D F16K11/22 G05D23/13E			
US class:	137/607			
	Classification Explorer			
Cited documents:	US6029094 A, US6019130 A, US5322086 A, US5318070 A, US5224509 A, US5184642 A, US5095941 A, US4893653 A, US4774978 A, US4756030 A, US4696428 A, US4651777 A, EP0457486 A2, EP0319382 A1, DE3641998 A1, AU3135984 A1,			
Forward Citations:	US8739827, US8225437, US2012006437, US2009083906, US2008011476, RU2578490, GB2424367, EP2045687,			

Abstract:

Source: US2004256009A This invention is a faucet of two or one valve of flow and variable temperature for water, other liquids, gases and/or pulverized solids. It is operated through the digital control or intelligent control whether fixed or to remote control or through the system of voice and has a automatic closed. The digital control operates pressing in form intermittent or prolonged the button to open or to close, and simultaneously it will show in the indicating scale the close, the progressive and total opening of the faucet. The faucet with intelligent control will allow the user to give to the quantity of flow and temperature, or choosing the previously established scales or calling of memory the conditions previously stored. The control with voice system allows the user to give instructions with voice, the language and the options mentioned previously in the intelligent control.



0) DE10315578A1 – SLIP VEHICLE FOR MOVING SMALL BOATS, HAS INDEPE...

104) Family number: 31058398 (DE10315578A1)

© PatBase

Title: SLIP VEHICLE FOR MOVING SMALL BOATS, HAS INDEPENDENT DRIVE UNIT CONNECTED TO AXLE OR WHILE, AND COMPRISING MANUAL OR ELECTRIC-MOTOR POWERED GEAR

Priority: DE20031015578 20030405

Family:	Publication number	Publication date	Application number	Application date
	<u>DE10315578 A1</u>	20041014	DE20031015578	20030405

Probable Assignee: DOEHLER ROLAND

Assignee(s):^(std): DOEHLER ROLAND

Inventor(s):^(std): DOEHLER ROLAND

International class
(IPC 8-9): B60P3/10 B63C3/12 (Advanced/Invention);
B60P3/06 B63C3/00 (Core/Invention)

International class
(IPC 1-7): B60P3/10 B63C3/12

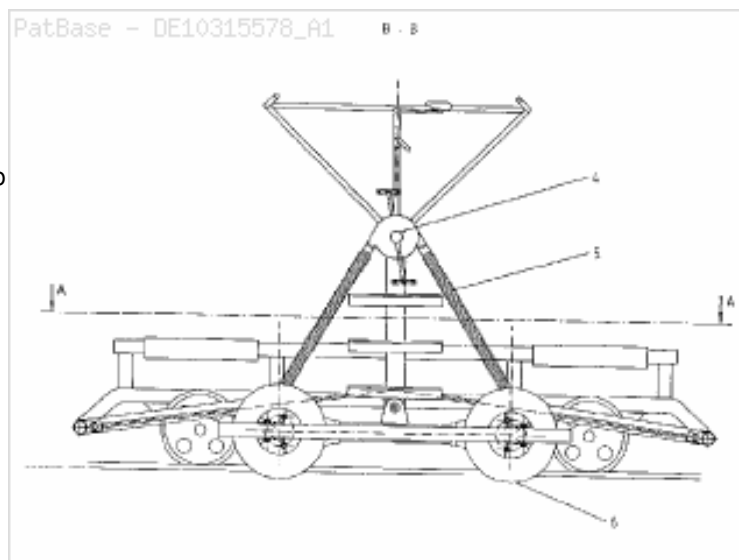
CPC: B60P3/1033 B63C3/12

European class: B60P3/10F B63C3/12

[Classification Explorer](#)

Abstract:

The vehicle includes a receiving frame for the boat, and a carrier frame with wheel axels for wheels. An independent drive unit is arranged on the slip vehicle, or on an auxiliary frame attached to it. The drive unit is connected to at least one axle or wheel of the slip vehicle, or to a wheel on the auxiliary frame. The drive unit may comprise a manually driven gear, or an electric motor powered by a battery and solar cell, or with a connection to a charger.



105) Family number: 15687059 (DE10023630A1)

© PatBase

Title: Roller blind like device for temporarily covering windows or glass doors and roller shutters has container for connection to/integration with lower blind strip with design bearer on roller

Priority: DE20001017855 20000411 DE20001023630 20000513

Family:	Publication number	Publication date	Application number	Application date
	<u>DE10023630 A1</u>	20011025	DE20001023630	20000513
	<u>DE10023630 B4</u>	20040219	DE20001023630	20000513

Probable Assignee: FUERST ALEXANDER

Assignee(s):^(std): FUERST ALEXANDER

Inventor(s):^(std): FUERST ALEXANDER

International class E06B9/264 E06B9/40 E06B9/66 (Advanced/Invention)
(IPC 8-9):

International class E06B9/11 E06B9/17 E06B9/40
(IPC 1-7):

CPC: E06B9/264 E06B9/40 E06B9/66 E06B2009/2452

European class: E06B9/264 E06B9/40 E06B9/66 P06B9/24E8B

[Classification Explorer](#)

Cited documents: DE29914406 U, DE29808889 U, DE29700160 U, DE29508479 U, DE19855166, DE19825445, DE19626124,

Forward Citations: FR2936006, EP2226461, EP1719652, DE102012021737,

Abstract:

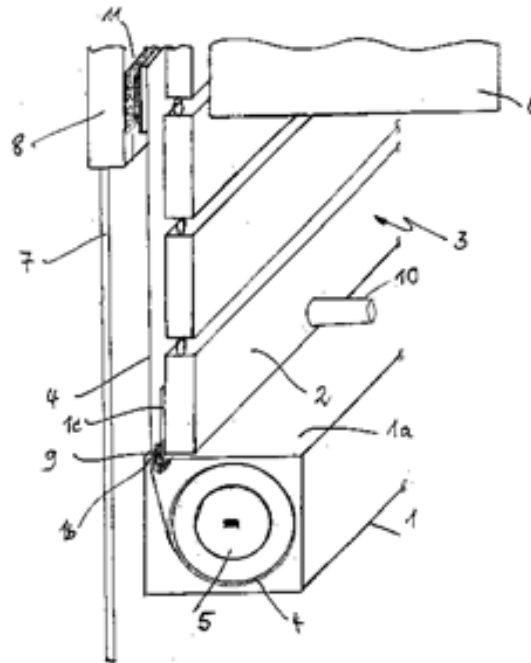
The device has at least one strip-shaped design bearer (4) and a container (1) for connection to or integration with the lower lamella terminating strip (2) of the roller shutter (3) and in which the bearer is arranged to be rolled onto and off a roller via a slit-shaped opening. The end of the design bearer can be reversibly fixed on the outside of the building out of viewing range of the window (7,8) or door by an attachment arrangement (11).

PatBase - DE10023630_A1

ZEICHNUNGEN Bl. 1

Nummer:
Int. CL.1
Offenlegungstag:DE 100 23 630 A1
E 08 08 01
25. Oktober 2001

FIG.1



101 439600

106) Family number: 15889951 (WO0165167A1)

© PatBase

Title: INFLATABLE STRUCTURE FOR SUPPORTING AN ARTICLE OF MANUFACTURE

Priority: US20000519494 20000302 US20000648893 20000825 US20000680994 20001006
WO2001US06787 20010301

Family:

Publication number	Publication date	Application number	Application date
AU2001241944 AA	20010912	AU20010241944	20010301
AU200141944 A5	20010912	AU20010041944	20010301
WO0165167 A1	20010907	WO2001US06787	20010301

Probable Assignee: PEARL TECHNOLOGY HOLDINGS LLC

Assignee(s):^(std): DA SILVA LUIZ B ; LUU KENNETH V ; PEARL TECHNOLOGY HOLDINGS LLC ;
WEBER MICHAEL R ; WEBER PAUL J

Inventor(s):^(std): DA SILVA LUIZ B ; LUU KENNETH V ; SILVA LUIZ B DA ; WEBER MICHAEL R ; WEBER
PAUL J

Inventor(s): MICHAEL R WEBER ; PAUL J WEBER ; KENNETH V LUU ; LUIZ B DA SILVA

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO
CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID
IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN
MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

International class
(IPC 8-9): [F16M13/00](#) (Advanced/Invention);
[H01H13/703](#) (Advanced/Non-invention);
[F16M13/00](#) (Core/Invention);
[H01H13/70](#) (Core/Non-invention)

International class
(IPC 1-7): [F16M13/00 G06F1/16](#)

CPC: [F16M13/00](#) [F16M11/10](#) [F16M11/18](#) [F16M11/22](#) [F16M2200/08](#) [H01H13/703](#)
[H01H2211/002](#) [H01H2217/034](#) [H01H2219/0026](#) [H01H2219/011](#) [H01H2219/037](#)

European class: [F16M13/00](#) [T01H13/703](#) [T01H211/002](#) [T01H217/034](#) [T01H219/002D](#) [T01H219/010B](#)
[T01H219/037](#)

[Classification Explorer](#)

Cited documents: WO0020953 A1, US6144550 A, US5982302 A, US5956235 A, US5942185 A, US5825352
A, US5623869 A, US5616897 A, US5601264 A, US5374018 A, US5327161 A,
US4987516 A, US3530325 A, US16650298, GB2335025 A1, DE19723338 A1,

Forward Citations: US9459521, US9050622, US8435604, US8304990, US7829147, US7749811,
US7722929, GB2379826, FR2954611, DE102011053197, DE102005006655,

Abstract:

Minimal inflation material (250), in combination with a geometric structure of limited size containing and partitioning the inflating material, is used to maintain rigidity and shape of an article of manufacture such as a flexible or keyboard or screen. Ergonomic shapes are thus more easily manufactured at lower costs. Additionally, ergonomic wrist rests are provided that are filled with inflation material and, therefore, are easy on the wrists, reducing carpal tunnel problems and are able to be connected to the structures supporting the article of manufacture. Other additional devices are incorporated into the present invention, including an acoustic means sandwiched between layers of the inflatable material, so that a screen or keyboard may become, in effect, a speaker. The present invention is lightweight, easily transportable, easy to ship, and of extremely low cost, as well as being, ergonomically superior.

PatBase - W00165167_A1

WD 01/05/97

1/10

PC1/US16/0703

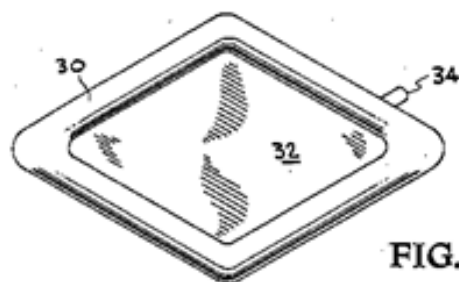


FIG. 1A

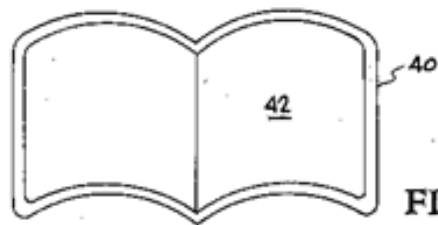


FIG. 1B

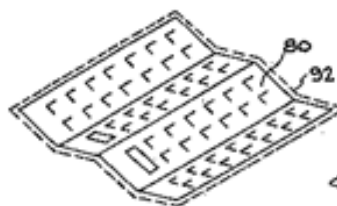


FIG. 2A

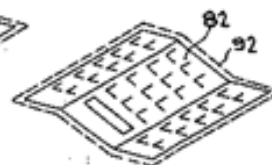


FIG. 2B

SUBSTITUTE SHEET (RULE 26)

0) GB2317984A – HOUSE SIGN LIGHTING AND ALERTING SYSTEM

107) Family number: 13445727 (GB2317984A)

© PatBase

Title: HOUSE SIGN LIGHTING AND ALERTING SYSTEM

Priority: GB19960020581 19961003

Family:

Publication number	Publication date	Application number	Application date
GB2317984 A1	19980408	GB19970020938	19971003
GB2317984 B2	20000809	GB19970020938	19971003
GB9620581 A0	19961120	GB19960020581	19961003
GB9720938 A0	19971203	GB19970020938	19971003

Probable Assignee: SANDERS MARK J

Assignee(s):^(std): SANDERS MARK J ; SANDERS MARK JOHN

Assignee(s): MARK JOHN SANDERS

Inventor(s):^(std): SANDERS MARK JOHN

Inventor(s): MARK JOHN SANDERS

International class
(IPC 8-9): [G08B7/06](#) (Advanced/Invention);
[G08B7/00](#) (Core/Invention)

International class
(IPC 1-7): [G08B5/38](#) [G09F13/04](#)

CPC: [G08B7/06](#)

European class: [G08B7/06](#)

[Classification Explorer](#)

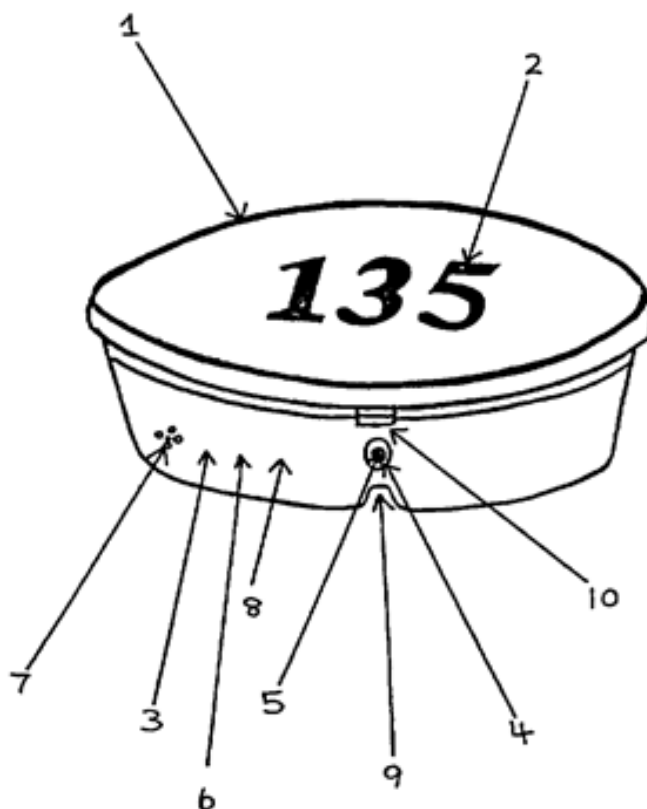
Cited documents: US4929936 A, US4901461 A, US4855723 A, US4587753 A, GB2293678 A1, EP0369737 A2,

Forward Citations: WO07011205, WO04044859, US6970077, GB2452713, GB2450978, GB2418519, GB2397431, GB2395337, GB2395337, GB2385184, GB2385184, GB2385183, GB2372128, GB2372128, GB2357623, DE102007031805,

Abstract:

Source: GB2317984A The system comprises a housing 1, 3 the front of which includes the house number 2. The housing contains a lamp (6, Fig.4), a light sensor (5) and electronic control circuitry (17). The light sensor senses the onset of dusk and causes the circuitry to energise the lamp (battery or mains powered). The system also comprises a manually operable switch (22) remote from the housing. This switch is operable by a person in the house to send a signal (via a cable or wirelessly) to the circuitry which causes the lamp to flash. The housing may also contain an audible alarm, eg a voice alarm, which is also energised by operation of the switch. A smoke or other hazard detector in the house may also cause the lamp to flash and the alarm to sound. An automatic telephone dialler may also be provided.; Other features that may be provided are solar cells to charge batteries in the housing, a PIR sensor to cause the lamp to come on when a person approaches and a video camera contained within the housing.

PatBase - GB2317984_B2

FIGURE 2

0) US5037917A – PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

108) Family number: 29233865 (US5037917A)

© PatBase

Title: PERFLUOROCYCLOBUTANE RING-CONTAINING POLYMERS

Priority: CA19912057309 19911209 CN19911012744 19911209 US19890364667 19890609
 US19900534819 19900607 US19910720553 19910625 US19910673884 19910322
 US19910673882 19910322 US19900625588 19901210 US19890451404 19891215
 US19930054648 19930426 US19930159892 19931201 US19920929742 19920813
 US19960679324 19960712 US19950373163 19950117 US19930077472 19930615
 WO1990US03151 19900604 WO1990US03151 19900604 US19930054647 19930426
 WO1994US04274 19940419 WO1994US04273 19940419

Family:

Publication number	Publication date	Application number	Application date
<u>AT112575 E</u>	19941015	AT19900909909T	19900604
<u>AU199059265 A1</u>	19910107	AU19900059265	19900604
<u>AU619125 B2</u>	19920116	AU19900059265	19900604
<u>CA2031185 AA</u>	19901206	CA19902031185	19900604
<u>CA2057309 AA</u>	19920611	CA19912057309	19911209
<u>CA2159910 AA</u>	19951004	CA19942159910	19940419
<u>CA2160700 AA</u>	19951016	CA19942160700	19940419
<u>CN1073137 A</u>	19930616	CN19911012744	19911209
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Probable Assignee: DOW CHEMICAL CO

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Inventor(s)^(std): AL ZDRAVKO JEZIC ET ; ALVIN P KENNEDY ; ARUBIN PI KENEDEI ; BABB DAVID A ; BABB DAVID B ; BOBBY R EZZELL ; BRATTON LARRY D ; CLEMENT KATHERINE S ; CLEMENT KATHERINE ; CLEMENT KATHERINE S ; DABURIYU FURANKU RITSUCHII ; DAVID A BABB ; DEBITSUTO EE BABU ; DONARUDO JIEI PERETSUTEI ; DORAFUKO JIEJITSUKU ; ETSUKERU AARU REEN ; EZZELL BOBBY R ; JEZIC ZDRAVKO ; JEZIE ZDRAVKO ; KATHERINE S CLEMENT ; KENNEDY ALVIN P ; KIYASURIIN ESU KUREMENTO ; LAN ECKEL ; LANE ECKEL R ; LARRY D BRATTON ; MORGAN TED A ; PERETTIE DONALD J ; PETERSON EDWARD R ; RARII DEII BURATSUTON ; RICHEY FRANCK W ; RICHEY W FRANK ; W FRANK RICHEY ; ZDRAVKO JEZIC ET AL ; RICHEY W ; EZZELL BOBBY ; BABB DAVID

Agent(s): PHILLIPS ORMONDE FITZPATRICK; SMART AND BIGGAR

Designated states: AT AU BE CA CH DE DK ES FI FR GB GR IE IT JP KR LI LU MC NL NO PT SE US

International class
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C08F30/00 C08G65/00 C10N30/08 C10N40/18 C10N50/08 (Advanced/Non-invention);
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B32B27/06 C08F14/18 C08L27/12 (Core/Non-invention)

International class
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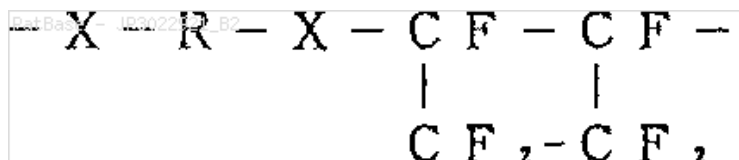
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Abstract:

Source: US5037917A A process for preparing a polymer having perfluorocyclobutane rings by the steps of (a) contacting monomers having at least two dimerizable perfluorovinyl groups; and (b) exposing the monomers to sufficient heat and for a sufficient time that a

polymer containing perfluorocyclobutane rings is formed. The invention includes polymers having a backbone comprising hydrocarbyl groups, perfluorocyclobutane rings and non-carbon atoms and polymers of at least 10,000 molecular weight having repeating units [O-(CFRf)n-O-perfluorocyclobutane].



109) Family number: 3300166 (US5090770A)

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Title: ELECTRICAL SEAT ADJUSTMENT DEVICE**Priority:** DE19893913849 19890427 DE19905007188 19900426

Family:	Publication number	Publication date	Application number	Application date
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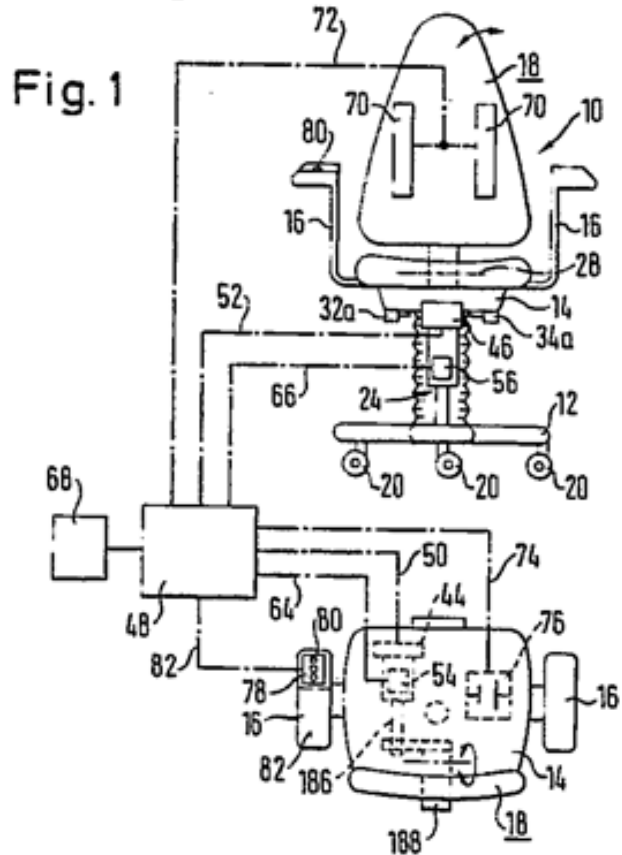
Probable Assignee: STABILUS GMBH**Assignee(s):^(std):** STABILUS GMBH**Assignee(s):** STABILUS GMBH 5400 KOBLENZ DE ; STABILUS GMBH 56070 KOBLENZ DE ; SHUTABIRUSU GMBH**Inventor(s):^(std):** ARUFUREETO DEIRUKUZEN ; DIRKSEN ALFRED ; ENDERS STEPHAN ; ENDERS STEPHAN DIPL ING ; HAINTSUUYOOZEPU HAINRITSUHSU ; HEINRICHS HEINZ JOSEF ; HEINRICHS HEINZ JOSEF DR ING ; SHIYUTEFUAN ENDERUSU ; UUDO BUAAGUNAA ; WAGNER UDO ; WAGNER UDO DIPL ING**Inventor(s):** WAGNER UDO DIPL ING 5421 DACHSENHAUSEN DE ; ALFRED DIRKSEN ; WAGNER UDO D 5421 DACHSENHAUSEN DE ; UUDO UAAGUNAA ; SHUTEFUAN ENDERUSU ; STEPHAN ENDERS ; UDO WAGNER ; HEINZ JOSEF HEINRICHS ; HEINRICHS HEINZ JOSEF D 5400 KOBLENZ METTERNICH DE ; ENDERS STEPHAN DIPL ING 5400 KOBLENZ DE ; ENDERS STEPHAN D 5400 KOBLENZ DE ; DIRKSEN ALFRED 5047 WESSELING DE ; DIRKSEN ALFRED D 5047 WESSELING DE**Agent(s):** FB RICE**Designated states:** DE ES FR GB IT**International class**
(IPC 8-9): A47C3/30 A47C9/02 (Advanced/Invention);
A47C3/20 A47C9/00 (Core/Invention)**International class**
(IPC 1-7): A47C1/02 A47C3/20 A47C3/22 A47C3/30 A47C9/02**CPC:** A47C3/30**European class:** A47C3/30**US class:** 188/300 267/64.12 297/344.19 297/347 297/361 297/362.13[Classification Explorer](#)**Cited documents:** US4655505 A, US4589620 A, US4379588 A, US4257582 A, US4245826 A, US3559776 A, GB2159402 A1, GB1164155 A, GB1034347 A, DE3148724 A1, DE3027374 A1, DE2630483 A1,**Forward Citations:** WO9959831, WO9959831, WO16192699, WO10068122, WO09095725, WO07101554, WO07021926, WO04017798, USH1874, US9622579, US9033421, US8459736, US8382076, US8062190, US8002349, US7806244, US7731126, US7721399, US7614616, US7461884, US7114781, US7108324, US7108324, US7104583, US7007587, US6928710, US6585320, US6499795, US6425636, US6334607, US6019429, US6012775, US6007130, US5979617, US5915674, US5899530, US5868687, US5791731, US5765804, US5678886, US5671972, US5538115, US5522641, US5516082, US5511759, US5437354, US5435625, US2017050467, US2014210236, US2011193372, US2008258021, US2008245631, US2008010802,

US2007102979, US2007099766, US2007035164, US2006284354, US2006082203, US2005022661, US2004135418, NL1012535, JP2008224036, DE102015006949, DE102009053312, DE102009053312, DE102008018654, DE102008018654, DE102007012222, DE102007003707, DE102006020146, DE102006020146, DE102006009887, AU2003250652,

Abstract:

Source: US5090770A In the case of an item of seating furniture, particularly an office chair, comprising at least one seat adjusting device, for example for adjusting the height of the seat, with a spring element engaging the two parts of the seat which are to be adjusted in respect of each other, particularly a pressurized fluid filled spring, and with a locking device for the separable fixing of the two seat parts in whatever is the desired and selected adjusted position, the use of an electrical actuating element for the locking device is proposed, which is connected to a manually operable control means for the at least one seat adjustment, this allowing simplified operation with minimal structural expenditure.

PatBase - US5090770_A



110) Family number: 11684354 (US5839816A)

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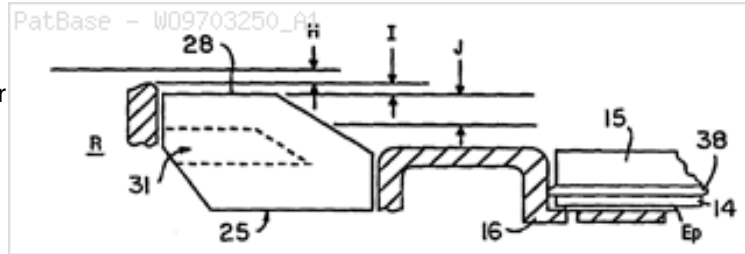
Title: ROAD MARKER**Priority:** CA19952153819 19950713 CA19962226681 19960711 WO1996US11550 19960711
US19950571790 19951213

Family:	Publication number	Publication date	Application number	Application date
	<u>AU199664888 A1</u>	19970210	AU19960064888	19960711
	<u>CA2153819 AA</u>	19970114	CA19952153819	19950713
	<u>CA2226681 AA</u>	19980113	CA19962226681	19960711
	<u>US5839816 A</u>	19981124	US19950571790	19951213
	<u>WO9703250 A1</u>	19970130	WO1996US11550	19960711

Probable Assignee: ATSI LLC**Assignee(s):**^(std) ATSI L L C ; ATSI LLC ; CORLESS MURRAY BRUCE ; PINNOCK JOHN DUDLEY ; VARGA ZOLTAN ANTHONY**Inventor(s):**^(std) CORLESS MURRAY B ; PINNOCK JOHN D ; VARGA ZOLTAN A ; VARGA ZOLTAN ANTHONY ; PINNOCK JOHN DUDLEY ; CORLESS MURRAY BRUCE**Inventor(s):** MURRAY B CORLESS ; JOHN D PINNOCK ; ZOLTAN A VARGA**Agent(s):** SMART AND BIGGAR**Designated states:** AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS IT JP KE KG KP KR KZ LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK SZ TJ TM TR TT UA UG UZ VN**International class**
^{(IPC 8-9):} E01F9/016 E01F9/04 E01F9/06 E01F9/50 E01F9/553 E01F9/615 (Advanced/Invention);
F21S9/03 (Advanced/Non-invention);
E01F9/011 E01F9/04 (Core/Invention);
F21S9/00 (Core/Non-invention)**International class**
^{(IPC 1-7):} E01F9/00 E01F9/016 E01F9/04**CPC:** Y10S362/80 F21S9/03 F21W2111/02 E01F9/559 Y02B20/72**European class:** E01F9/06B R21S9/03 R21W111/02**US class:** 362/153.1 362/183 362/364 362/369 362/800[Classification Explorer](#)**Cited documents:** US5453663 A, US5438495 A, US5412381 A, US5280220 A, US5262756 A, US5252893 A, US5074706 A, US5032961 A, US5013181 A, US5006010 A, US4993868 A, US4925335 A, US4904998 A, US4697950 A, US4685824 A, US4668120 A, US4394715 A, US4382274 A, US4358217 A, US4314198 A, US4174184 A, US4070095 A, US4050834 A, US3836275 A, US3302168 A, US3257552 A, US3096024 A, US2308525 A, US2260498 A, US2246098 A, US2126224 A, US1952942 A, US1708108 A, US1572214 A,**Forward Citations:** WO15022647, WO11068564, WO06091932, WO06083082, WO05104799, WO05104799, WO03069069, WO03024188, WO0192641, WO0158219, USRE41597, USD779353, USD709438, USD493906, USD493559, US9595192, US9489813, US9406828, US9399844, US9142130, US8907571, US8836157, US8779625, US8637760, US8563845, US8529107, US8231240, US8152325, US7992294, US7859431, US7690861, US7688222, US7518320, US7484907, US7273328, US7245107, US7234892, US7106179, US7088222, US7018131, US7005830, US6900735, US6856116, US6789915, US6762582, US6655814, US6637916, US6634124, US6617822, US6602021, US6566842, US6461077, US6448740, US6398399, US6326734, US6283616, US6259375, US6210017, US6203167, US6092909, US5984570, US2011058364, US2011013384, US2010272510, US2010006151, US2009208286, US2009195165, US2009041541, US2008307646, US2008232096, US2008216367, US2008136335, US2008067955, US2007291473, US2007235071, US2007223996, US2007217864, US2007153522, US2007070618, US2006257204, US2006193691, US2005244225, US2005242267, US2005238425, US2005196237,

Abstract:

Source: US5839816A A road marker is flush with and preferably slightly below the grade of the surface of the road and may be either solar operated, recharging batteries within it so that light emitting diodes which are connected to the battery source may be turned on during darker night conditions to provide illumination along the boundary lines between traveling lanes along the highway. The surface of the delineator, is profiled to provide a central depression or floor with end inclined walls, at least one of which may carry a light retro-reflective media. Light emitting elements that gain their electrical power from a battery source which itself is energized and recharged by a solar collector occupying most of the surface area of a central depression. The end walls are inclined holding the light emitting diodes, below grade and out of harm's way; the emanating light projects toward an oncoming vehicle, or in a more simplistic version, the same region has a light retro-reflective media which reflects light back to the driver of an oncoming vehicle when its lights are turned on. The marker also includes battery power management, a shock resistant sandwich structure, is networkable, may be field programmable, can distinguish artificial from natural light, and includes an integrated lens/LED assembly. The road maker is made with a peelable label over the light detector for easy removal and activation. The road maker also may be consistently installed by use of disclosed installation tabs.



0) WO9533624A1 – FOLDER WITH BUILT-IN LAMP CHEMISE DOTEE D'UNE ...

111) Family number: 20178562 (WO9533624A1)

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Title: FOLDER WITH BUILT-IN LAMP

Priority: NZ19940260671 19940603 WO1995NZ00047 19950601

Family:	Publication number	Publication date	Application number	Application date
	AU199525402 A1	19960104	AU19950025402	19950601
	WO9533624 A1	19951214	WO1995NZ00047	19950601

Probable Assignee: JACKSON JOHN RONALD

Assignee(s):^(std): JACKSON JOHN RONALD ; JOHN RONALD JACKSON ; KINCAID PAUL DAVID ; PAUL DAVID KINCAID

Inventor(s):^(std): JACKSON JOHN RONALD ; KINCAID PAUL DAVID

Inventor(s): PAUL DAVID KINCAID ; JOHN RONALD JACKSON

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LK LR LT LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TT UA UG US UZ VN

International class
(IPC 8-9): [A47B23/06 B42D3/12 F21V33/00](#) (Advanced/Invention);
[A47B23/00 B42D3/00 F21V33/00](#) (Core/Invention)

International class
(IPC 1-7): [A47B23/06 B42D9/00 F21V33/00](#)

CPC: [A47B23/06 B42D3/123 F21V33/0048](#)

European class: [A47B23/06 B42D3/12B F21V33/00A8](#)

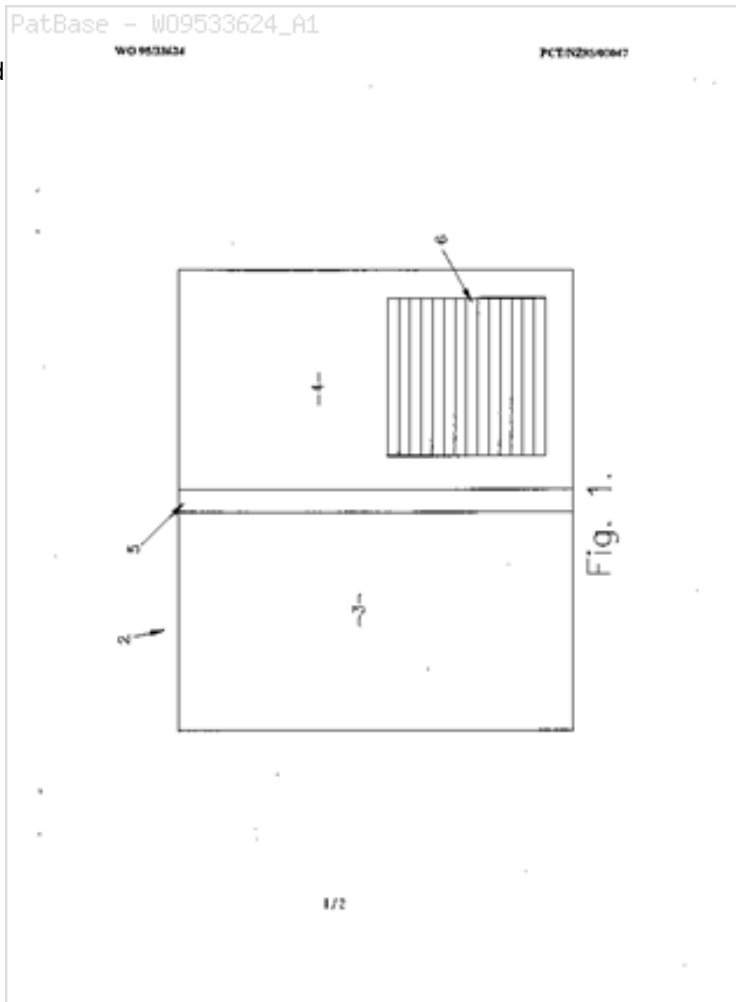
[Classification Explorer](#)

Cited documents: US4680681 A, US3885145 A, US3823312 A, US2617917 A, NL8800470 A, GB920620 A, GB880271 A, GB2232076 A1, FR2424004 A1,

Forward Citations: USD728839, USD723204, USD716485, USD708382, US8733961, GB2448135, FR2837911, CN102511994,

Abstract:

A folder provides a supporting surface for a book or other material to be read and a second surface which carries a lighting means and which is at an angle to the first surface, so that when the lighting means is switched on, material carried on the first surface is illuminated; the lighting means is supplied with electric power from a solar cell via a storage battery or from a battery or from a mains connection.



112) Family number: 5073689 (US5127735A)

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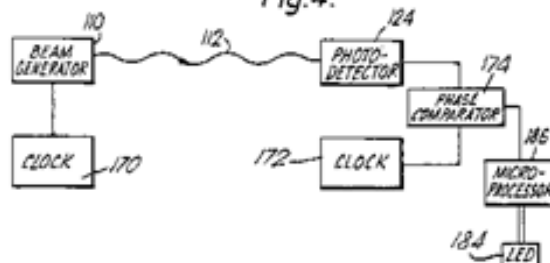
Title: SYSTEM FOR MEASURING THE POSITION IN SPACE OF AN OBJECT USING A LIGHT BEAM**Priority:** GB19890020448 19890909**Family:**

Publication number	Publication date	Application number	Application date
<u>EP0417934 A2</u>	19910320	EP19900309445	19900829
<u>EP0417934 A3</u>	19910612	EP19900309445	19900829
GB8920448 A0	19891025	GB19890020448	19890909
<u>JP3144301 A2</u>	19910619	JP19900237283	19900910
<u>US5127735 A</u>	19920707	US19900577737	19900905

Probable Assignee: RENISHAW PLC**Assignee(s):^(std):** RENISHAW PLC**Assignee(s):** RENISHAW PLC GLOUCESTER STREET WOTTON UNDER EDGE G**Inventor(s):^(std):** GIRIESU DEIBITSUDO PITSUTO ; PITT GILLIES D ; PITT GILLIES DAVID**Designated states:** CH DE FR GB IT LI SE**International class** G01B11/00 G01B9/02 (Advanced/Invention);
(IPC 8-9): G01B11/00 G01B9/02 (Core/Invention)**International class** G01B9/02
(IPC 1-7):**CPC:** G01B9/02029 G01B9/02068 G01B9/0207 G01B11/005**European class:** G01B11/00D1 G01B9/02**US class:** 356/358 356/500[Classification Explorer](#)**Cited documents:** US4973952 A, US4643577 A, GB2162942 A1, GB2141365 A1, EP0319582 A1, DE3706610 A1,**Forward Citations:** WO10105083, WO10065135, WO0101067, USRE45565, US9631922, US9631921, US9474831, US9421286, US9149648, US9101678, US9005263, US8958055, US8888731, US8803055, US8753304, US8734718, US8706211, US8702640, US8647292, US8585627, US8472029, US8460229, US8414517, US8366652, US8343086, US8282593, US8216173, US8162924, US8120780, US8081297, US8049867, US8040525, US7835011, US7271917, US7207327, US7164481, US7079261, US6655215, US6573996, US6547397, US6501550, US5991033, US5543914, US5537209, US5404222, US2011170113, US2011007327, US2011007305, US2011001958, US2010292629, US2010249692, US2010241053, US2010241052, US2010241051, US2010241050, US2010241049, US2010241048, US2010176270, US2009177139, US2009171263, US2009048648, US2007171428, US2006250617, US2005274376, JP2009229235, FR2974631, EP1510812, CN102022977,

Source: US5127735A A measuring system for measuring the position of an object comprises a laser (10), a laser interferometer (16), and a detector (24). A series of sensors for sensing environmental conditions are provided; the sensors may be attached to the object. The sensors transmit information back to a central control (46) via LED transmitter (54). The transmitter (54) is powered from a battery (56) which is in turn charged by transducing (with a solar cell) part of the power of the light beam (12) generated by the laser (10). The sensors may be temperature sensors, pressure sensors, humidity sensors, refractive index sensors, vibration sensors, or beam alignment sensors.

5,127,735



0) US4377722A – SOLAR CELL UNIT AND A PANEL OR BATTERY COMPOSED...

113) Family number: 4855043 (US4377722A)

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Title: SOLAR CELL UNIT AND A PANEL OR BATTERY COMPOSED OF A PLURALITY OF SUCH SOLAR CELL UNITS

Priority: DK19790000780 19800225 DK19800000797 19800225 US19800212544 19801203
JP19790159487 19791208 JP19790159488 19791208

Family:	Publication number	Publication date	Application number	Application date
	DE3106884 A1	19820225	DE19813106884	19810224
	DK79780 A	19810826	DK19800000797	19800225
	FR2476917 A1	19810828	FR19810003431	19810220
	FR2476917 B1	19831230	FR19810003431	19810220
	GB2071414 A1	19810916	GB19810004740	19810216
	GB2071414 B2	19840919	GB19810004740	19810216
	JP56081963 A2	19810704	JP19790159487	19791208
	JP56081964 A2	19810704	JP19790159488	19791208
	JP56153780 A2	19811127	JP19810025603	19810225
	US4377722 A	19830322	US19810234199	19810213
	US4539490 A	19850903	US19850494266	19850513

Probable Assignee: TOKYO SHIBAURA ELECTRIC CO

Assignee(s):^(std): ELEKTRONIKCENTRALEN ; TOKYO SHIBAURA ELECTRIC CO

Assignee(s): ELEKTRONIKCENTRALEN 2970 HOERSHOLM DK ; ELEKTRONIKCENTRALEN VENLIGHEDSVEJ 4 DK 2970 HORSHO ; TOKYO SHIBAURA DENKI KABUSHIKI KAISHA

Inventor(s):^(std): IENSU UESUDEZU ; SEGAWA MAKOTO ; ARIIZUMI SHOJI ; IENSU BUESUDEZU ; ARIIZUMI SHIYOUJI ; WESTED JENS ; WESTED J

Inventor(s): JENS WESTED ; WESTED JENS 2730 HERLEV DK

International class
(IPC 8-9): [G05F3/20](#) [G11C11/4074](#) [G11C5/14](#) [H01L21/82](#) [H01L21/822](#) [H01L27/02](#) [H01L27/04](#) [H01L29/78](#) [H01L31/0236](#) [H01L31/042](#) [H01L31/052](#) [H01L31/054](#) (Advanced/Invention) ;
[G05F3/08](#) [G11C11/407](#) [G11C5/14](#) [H01L21/70](#) [H01L27/02](#) [H01L27/04](#) [H01L29/66](#) [H01L31/0236](#) [H01L31/042](#) [H01L31/052](#) (Core/Invention)

International class
(IPC 1-7): [G11C11/40](#) [H01L27/04](#) [H01L29/78](#) [H01L31/02](#) [H01L31/04](#) [H01L31/06](#) [H01L31/08](#) [H01L31/18](#)

CPC: [G05F3/205](#) [G11C5/146](#) [G11C11/4074](#) [H01L27/0222](#) [H01L31/0236](#) [Y02E10/52](#) [H01L31/0547](#)

European class: [G05F3/20S](#) [G11C11/4074](#) [G11C5/14P1](#) [H01L27/02B3B2](#) [H01L31/0236](#) [H01L31/052B](#) [Y02E10/52](#)

US class: [136/244](#) [136/255](#) [136/256](#) [136/259](#) [257/299](#) [257/313](#) [257/E31.13](#) [307/296R](#) [327/536](#) [327/537](#) [327/566](#)

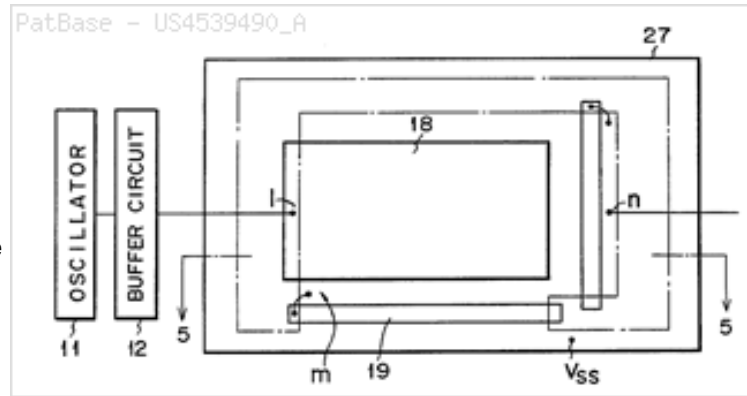
[Classification Explorer](#)

Cited documents: US4339766 A, US4255756 A, US4249196 A, US4168507 A, US4163245 A, US4141027 A, US4115794 A, US4044373 A, US3845331 A, US3806741 A, US3475609 A, US3310439 A, US2320185 A, JP54149489 A2, JP53078796 A2, JP53023287 A2, GB1193228 A, FR1574428 A,

Forward Citations: WO09062837, WO06134300, WO06134300, US9583661, US9500785, US9324598, US9318332, US9303314, US8997688, US8982523, US8871619, US8749053, US8697553, US8697552, US8675279, US6864664, US6509788, US5810945, US5725006, US5596207, US5248884, US5075749, US5043597, US4990870, US4973935, US4845390, US4737670, US4670669, US4591738, US4482779, US4482778, US2012218668, US2011162703, US2011139234, US2010323508, US2010051093, US2009309039, US2004257039, JP62188254, JP61049457, JP60103660, JP2009508147, GB2229574, GB2229574, GB2135512, GB2131229, FR2536911, FR2522880, FR2492541, EP0508970, EP0448869, EP0319063,

Abstract:

Source: US4377722A The effective area of a solar cell unit may be enlarged or increased considerably relative to its physical area by providing its exposed surface layer with a periodic structure or pattern, by which a local field is generated, a so-called Hartree harmonics field. The periodic structure is preferably a grating structure or pattern, and by orienting the solar cell edgewise so that the sunlight is grazing rather than oblique or directly perpendicular to the surface, its response factor may be increased up to a factor 11 theoretically.



0) DE2947106A1 – LAGEABHAENGIGKEITSSCHALTUNG GGF. IN KOMBINATION...

114) Family number: 1791015 (DE2947106A1)

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Title: LAGEABHAENGIGKEITSSCHALTUNG GGF. IN KOMBINATION MIT LICHTSENSOR-SCHALTUNG POSITION-DEPENDENT SWITCH AND LIGHT SENSOR – HAS A ROLLING PRIMARY ELEMENT CONTROLLED BY GRAVITY TO CLOSE CONTACTS AND CONTROLS LED DISPLAY

Priority: DE19792947106 19790420

Family:	Publication number	Publication date	Application number	Application date
	<u>DE2947106 A1</u>	19801030	DE19792947106	19790420

Probable Assignee: ROETHKE ERNST ING GRAD

Assignee(s):^(std): ROETHKE ERNST ING GRAD

Assignee(s): ROETHKE ERNST ING

Inventor(s):^(std): ROETHKE ERNST ING GRAD

Inventor(s): ROETHKE ERNST ING

International class
(IPC 8-9): G04C3/00 H01H35/14 (Advanced/Invention);
G04C3/00 H01H35/14 (Core/Invention)

International class
(IPC 1-7): G04C17/00 H01H35/02 H01H35/14

CPC: G04C3/002 H01H35/14

European class: G04C3/00K2 H01H35/14

[Classification Explorer](#)

Forward Citations: EP0102939,

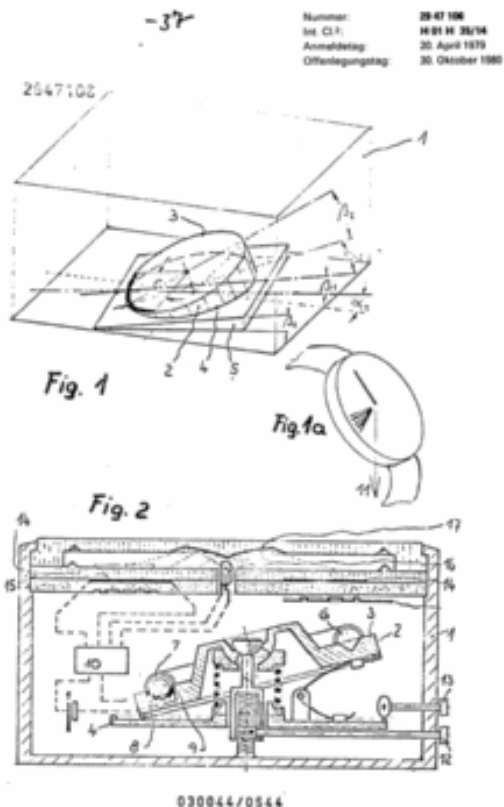
Abstract:

Source: DE2947106A1

Lageabhaengigkeitsschaltung ggf in Kombination mit Licht Sensorschaltung, im Folgenden kurz Lageschaltkombination genannt Ansprueche: Lsgeschaf(1)combination (vorzugsweise gedacht fuer eine Uhr) dadurch gekennzeichnet, dass sie mindestens aus einem lageempfindlichen

Primaer-Schaltelement (mechanisches bzw. The inclination indicating unit combined with a light sensor controls a liquid crystal display (14) held between glass plates (15). The lamp (16) is reflected by the silvering on the inside profile of the instrument covering glass to illuminate the dial. The primary switching element is formed by a ball (7) which tends to find a position nearest to the ground, and controlling switching contacts (8, 9) which act as the secondary elements. Setting of the inclination is ensured by knobs (12, 13) and there are different combinations for the shape and type of primary switching element. Indirect control of the unit is made with the auxiliary switch (10).

PatBase - DE2947106_A1



115) Family number: 1783689 (DE2911041A1)

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Title: LAGEABHAENGIGKEITSSCHALTER POSITION-DEPENDENT SWITCH FOR WATCH DISPLAY ILLUMINATION SOURCE – IS USED IN COMBINATION WITH LIGHT SENSOR SWITCHING SYSTEM

Priority: DE19792911041 19790321

Family:	Publication number	Publication date	Application number	Application date
	<u>DE2911041 A1</u>	19801002	DE19792911041	19790321

Probable Assignee: ROETHKE ERNST ING GRAD

Assignee(s):^(std): ROETHKE ERNST ING GRAD

Assignee(s): ROETHKE ERNST ING

Inventor(s):^(std): ROETHKE ERNST ING GRAD

Inventor(s): ROETHKE ERNST ING

International class
(IPC 8-9): G04C3/00 H01H35/02 (Advanced/Invention);
G04C3/00 H01H35/02 (Core/Invention)

International class
(IPC 1-7): G04C17/00 H01H35/02 H01H35/14

CPC: G04C3/002 H01H35/02

European class: G04C3/00K2 H01H35/02

[Classification Explorer](#)

Forward Citations: DE102004008636,

Abstract:

Source: DE2911041A1

Lageabhängigkeitsschaltung ggf in Kombination mit Licht Sensorschaltung, im Folgenden kurz Lageschaltkombination genannt Ansprüche 1 Lageschaltkombination (vorzugsweise gedacht fuer eine Uhr) dadurch gekennzeichnet, dass sie mindestens aus einem lageempfindlichen

Primar-Schaltelement (mechanisches bzw.

The switch has primary and secondary switch elements, the first operated mechanically or hydromechanically in response to its position and influencing the second which is connected in a control circuit, combined with a light

sensor switching system. The primary switch

element comprises a rolling or sliding element, a float, a conductive or insulating fluid, a

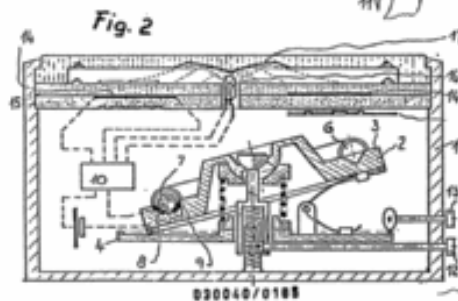
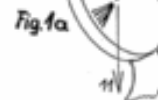
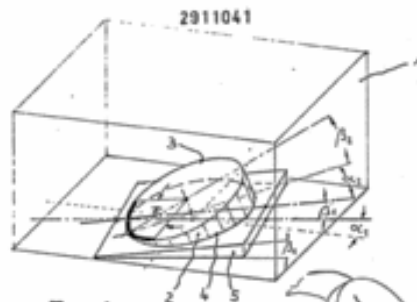
free-flowing granular mass, a bubble within a fluid, or a reeling element. The orientation

and/or the orientation direction of the position - dependant system is variable for adjustment.

PatBase - DE2911041_A1

Nummer: 29 11 041
Int. Cl. H 01 H 35/14
Anmeldetag: 25. März 1979
Offenlegungstag: 3. Oktober 1980

- 45 -



030046/0188

116) Family number: 23064451 (FR1303629A)

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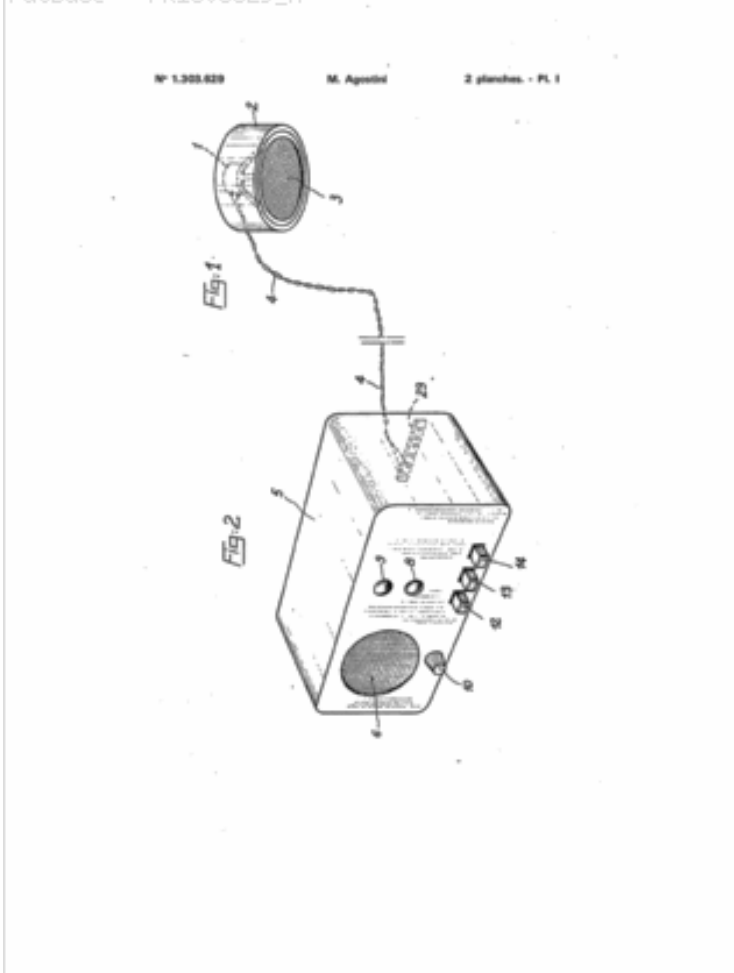
Title: APPAREIL DE PROTECTION CONTRE LE VOL PROTECTIVE EQUIPMENT THEFT
(Machine translation)**Priority:** FR19610870000 19610803

Family:	Publication number	Publication date	Application number	Application date
	<u>FR1303629 A</u>	19620914	FR19610870000	19610803

Inventor(s):^(std): AGOSTINI ROBERT ACHILLE**International class**
(IPC 8-9): G08B13/16 G08B13/22 (Advanced/Invention);
G08B13/16 G08B13/22 (Core/Invention)**International class**
(IPC 1-7): G08B13/16 G08B13/22**CPC:** G08B13/1672 G08B13/22**European class:** G08B13/16B2 G08B13/22[Classification Explorer](#)**Forward Citations:** FR2289017, FR2289017,**Abstract:**

Source: FR1303629A (Claim 1) 1, pouvant presenter en outre les particularites suivantes, prises separe ment ou selon les diverses combinaisons possibles a. Le detecteur acoustique comprend essentiel lement un microphone-haut-parleur de petites dimensions et de tres grande sensibilite, dispose A l'interieur d'un boitier de protection et relie au poste de commande par un fil souple a deux conducteurs; b. Le poste de commande comprend essentielle ment, a l'interieur d'un coffret metallique, un second microphone-haut-parleur, un amplificateur electronique, un bloc d'alimentation, un relais sensible, un relais de puissance, un premier commutateur, un second commutateur et un inverseur; c. Le premier commutateur met l'appareil en fonctionnement sur la position dite Delect, pour laquelle le detecteur acoustique provoque l'emission d'un signal d'alarme par le poste de commande, des qu'il capte un bruit de niveau superieur a un seuil reglable fixe d'avance; d. Le second commutateur libere le premier mais conserve l'alimentation de l'appareil qu'il met en fonctionnement sur la position dite ecoute, pour laquelle le signal d'alarme est interrompu et les bruits captes par le detecteur acoustique sont reproduits, apres amplification, par le haut-parleur du poste de commande; e. Le second commutateur etant en position ecoute, l'inverseur permet de placer l'appareil sur la position parole pour laquelle ce dernier fonctionne en interphone; f. L'amplificateur comprend deux etages en cascade suivis d'un etage push-pull, tous equipes avec des transistrons en montage a electrode emettrice commune, le premier de ces transistrons pouvant agir en outre comme oscillateur basse frequence pour emettre le signal d'alarme, lorsque ledit premier commutateur est sur la position dite detect; g. Cet amplificateur est attaque par un trans formateur basse frequence dont le secondaire est shunte par un potentiometre qui sert a regler le seuil de sensibilite de l'appareil; h. Le bloc d'alimentation, du type secteur par transformateur et redresseur, est

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amovible et peut etre remplace par tout autre type, notamment par une batterie d'accumulateur ou une batterie de piles, y compris des piles solaires.

Machine translation: (Claim 1) 1, can also present the following peculiarities, taken separately or as various combinations has. The detector noise includes essentially a microphone-speaker small dimensions and very high sensitivity, arranged inside a protective case and connects to the control station by a flexible wire has two conductors b. The control station includes essentially, inside a metal box, a second microphone, speaker, amplifier electronics, power supply, a sensitive relay, power relay, a first switch, a second switch and an inverter c. The first switch turns the unit into operation on the position known detect, for which the acoustic detector causes the emission of an alarm signal by the control station, he picks up the noise level above a threshold adjustable pre-fixed, d. The second switch releases the first but keeps the power of the unit it puts into operation the position known as listen for which the alarm signal is interrupted and noise picked up by the acoustic sensor are reproduced, after amplification, by the speaker of the control e. The second switch being in position listen, the inverter can place the device on the position for which the latter word in intercom function f. The amplifier comprises two cascaded stages followed by a floor push-pull, all equipped with mounting transistors in a common emitter electrode, the first of these transistors can act also as a low frequency oscillator to emit the alarm signal, when said first switch is set to detect so-called g. This amplifier is attacked by a low frequency transformer whose secondary is shunted by a potentiometer that adjusts the threshold of sensitivity of the device, h. The power supply, industry type transformer and rectifier, is removable and can be replaced by any other type, including a storage battery or a battery pack, including solar cells.