

Diego Gonzalez

1) Family number: 30253443 (US5772291 A)

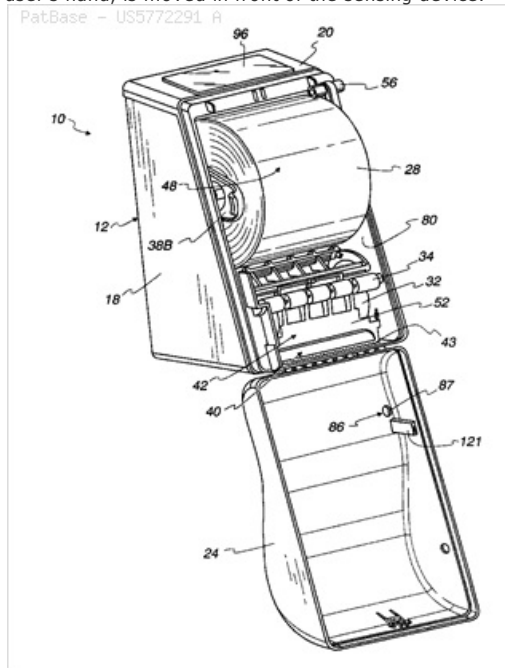
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Title: HANDS-FREE PAPER TOWEL DISPENSERS

Abstract: A towel dispenser comprising an electronic power system, which includes an array of one or more photovoltaic cells for energizing a control circuitry which, in turn, controls operation of the dispenser. The control circuitry is responsive to a sensing device, comprised of a motion detector, which senses rapid changes in light, which in turn, activates the dispensing of a predetermined length of paper towels when an object, such as a user's hand, is moved in front of the sensing device.

Classifications:

International (IPC 8-9): A47K10/24 A47K10/26 A47K10/32 A47K10/34 A47K10/36 A47K10/38 B65H16/00 B65H16/06 B65H16/10 B65H20/00 B65H20/02 B65H26/00 B65H61/00 B65H63/00 B65H75/18
International (IPC 1-7): A47K10/26 A47K10/28 A47K10/32 A47K10/34 A47K10/36 B31D1/04 B65H1/610 B65H16/00 B65H16/10 B65H2/002 B65H20/00 B65H20/02 B65H26/00 B65H61/00 B65H63/00
CPC: A47K10/36 A47K10/3612 A47K10/3625 A47K10/3656 A47K10/3687 A47K2010/3668 A47K2010/3681 B65H16/10 B65H20/02
US: 242/563 242/563.2 242/563.200P 242/563P 242/564 242/564.1 242/564.100S 242/564.4 242/564.400S 242/564S 242/598.6 312/34.22 312/34.8 312/34.800S



Family:

Publication number	Publication date	Application number	Application date
AU199722738 A1	19970902	AU19970022738	19970213
AU720835 B2	20000615	AU19970022738	19970213
CA2246357 AA	19980811	CA19972246357	19970213
CA2246357 C	20041019	CA19972246357	19970213
CA2342260 AA	20010930	CA20012342260	20010327
CA2342260 C	20090317	CA20012342260	20010327
DE69731188 D1	20041118	DE19976031188T	19970213
DE69731188 T2	20051124	DE19976031188T	19970213
DE69733851 D1	20050901	DE19976033851T	19970213
DE69733851 T2	20060420	DE19976033851T	19970213
DE69733977 D1	20050915	DE19976033977T	19970213
DE69733977 T2	20060601	DE19976033977T	19970213
EP0880331 A1	19981202	EP19970905972	19970213
EP0880331 A4	20000802	EP19970905972	19970213
EP0880331 B1	20041013	EP19970905972	19970213
EP1405590 A1	20040407	EP20030078357	19970213
EP1405590 B1	20050727	EP20030078357	19970213
EP1386572 A2	20040204	EP20030078362	19970213
EP1386572 A3	20040331	EP20030078362	19970213
EP1386572 B1	20050810	EP20030078362	19970213
ID15943 A	19970821	ID19970000433	19970214
MXPA01003254 A1	20040730	MX2001PA03254	20010329
NZ331912 A	20000128	NZ19970331912	19970213
TH30518 A	19981020	TH19971000532	19970214
TW343139 B	19981021	TW19970101780	19970215
US5772291 A	19980630	US19960603051	19960216
US6105898 A	20000822	US19980085289	19980527
US6695246 BA	20040224	US20000538453	20000330
US6293486 BA	20010925	US20000642866	20000821
US2004035976 AA	20040226	US20030393176	20030320
US7354015 BB	20080408	US20030393176	20030320
US2004041057 AA	20040304	US20030394320	20030320

US6854684 BB	20050215	US20030394320	20030320
US2004135027 AA	20040715	US20030745714	20031222
US7325767 BB	20080205	US20030745714	20031222
US2006163416 AA	20060727	US20060352456	20060209
US7325768 BB	20080205	US20060352456	20060209
US2009026305 AA	20090129	US20080026287	20080205
US2009272836 AA	20091105	US20090284334	20090609
US8960588 BB	20150224	US20090284334	20090609
US2016000274 AA	20160107	US20150628727	20150223
WO9729671 A1	19970821	WO1997US02363	19970213

Priority:

US19960603051 19960216	WO1997US02363 19970213	EP19970905972 19970213
US19980603051 19980216	US19980085289 19980527	US20000538453 20000330
US20000642866 20000821	CA20012342260 20010327	US20030393176 20030320
US20030394320 20030320	US20030745714 20031222	US20060352456 20060209
US20080026287 20080205	US20090284334 20090609	US20150628727 20150223

Probable Assignee: MOSINEE PAPER CORP

Assignee(s): (std): BAY WEST PAPER CORP ; BYRD DANNIE D ; COTNOIR ALAIN P ; ELLIOTT ADAM T ; MENDELSBERG VICTOR ; MOSINEE PAPER CORP ; WAUSAU PAPER TOWEL AND TISSUE LL ; WAUSAU PAPER TOWEL AND TISSUE LLC ; WAUSAU PAPER TOWEL AND TISSUE LLC

Assignee(s): BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; BANK OF AMERICA NA AGENT AS ; BAY WEST PAPER 1150 IND CORP ; COMPTON JOHN I ; MOSINEE PAPER CORP MOSINEE ; WAUSAU PAPER SPECIALTY PRODUCTS LLC

Inventor(s): (std): ADAM T ELLIOTT ; ALAIN P COTNOIR ; BYRD D ; BYRD DANNIE D ; BYRD DANNIE D ; COMPTON JOHN I ; COTNOIR ALAIN D ; COTNOIR ALAIN P ; COTNOIR P ; DANNIE DALE BYRD ; ELLIOTT ADAM T ; ELLIOTT ADAM T ; ELLIOTT T ; MENDELSBERG VICTOR ; VICTOR MENDELSBERG

Inventor(s): ADAM T ELLIOTT ; BYRD DANNIE ; COTNOIR ALAIN ; DANNIE D BYRD ; DANNIE D BYRD ; ELLIOTT ADAM ; JOHN I COMPTON

Agent(s): DEETH WILLIAMS WALL LLP ; GOUDREAU GAGE DUBUC ; LAVERY DE BILLY LLP ; MERCHANT AND GOULD PC ; PHILLIPS ORMONDE FITZPATRICK

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CN CU CZ DE DK EE ES FI FR GB GE GR HU IE IL IS IT JP KE KG KP KR KZ LC 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 YU

2) Family number: 60700304 (US2015313422 AA)

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Title: SOLAR POWERED DISPENSER SYSTEM

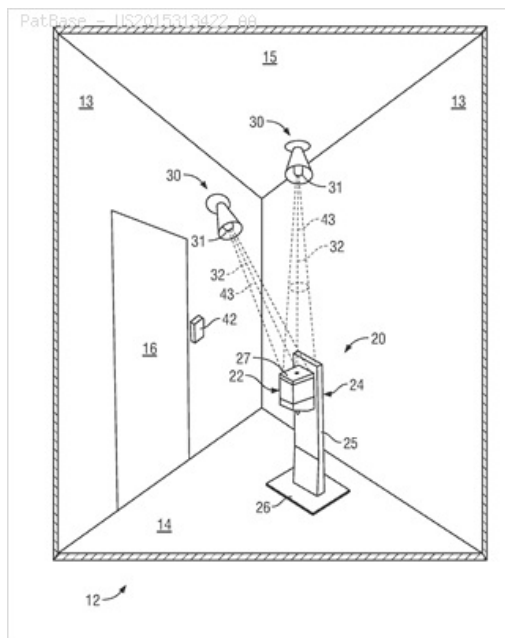
Abstract: A system and method for dispensing hand cleaning fluid material including a dispenser with a rechargeable battery powered by a solar generator, a remote electrically powered light source spaced from the dispenser directing light onto the solar panel of the dispenser and a control mechanism controlling the operation of the light source in relation to the status and operation of the dispenser.

Classifications:

International (IPC 8-9): A47K5/12 B05B15/04 B67B7/00 B67D7/06 F24J2/00 G01F11/00 H01L31/042 H02J17/00 H02J7/00

CPC: A47K5/1211 A47K5/1217 B05B14/00 H01L31/042 H02J50/00 H02J50/30 H02J50/40 H02J7/00 H02J7/025 Y02E10/50

US: 1/1 136/252 222/1 222/108 222/192



Family:

Publication number	Publication date	Application number	Application date
CA2850835 AA	20151101	CA20142850835	20140501
DE602015007390 D1	20180215	DE201560007390T	20150430
EP2939579 A1	20151104	EP20150165938	20150430
EP2939579 B1	20180110	EP20150165938	20150430
US2015313422 AA	20151105	US20150702086	20150501
US9756989 BB	20170912	US20150702086	20150501

Priority:

CA20142850835 20140501	EP20150165938 20150430
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Probable Assignee: OP HYGIENE IP GMBH

Assignee(s): (std): OP HYGIENE IP GMBH
Assignee(s): JONES ANDREW ; OPHARDT HEINER
Inventor(s): (std): JONES ANDREW ; OPHARDT HEINER
Inventor(s): JONES ANDREW SMITHVILLE
Agent(s): GRUENECKER PATENT U RECHTSANWAELTE PARTG MBB; RICHES MCKENZIE AND HERBERT LLP;
 THORPE NORTH AND WESTERN LLP
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

3) Family number: 79344704 (CO20200005714 U1)

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Title: SOLAR dispenser with data for biosafety by identification document. (Machine translation)

Abstract: Source: CO20200005714 U1 **Machine translation:** By use of the identification device that allows dispensing elements for biosecurity and generate data for protection of virus infections and disinfection using a solar panel to be self-sustaining energy, a slot for reading identification document, a plurality of sensors, a visual element and dispensers to deliver products of biosecurity, disinfecting and higienizando document, the product and the user's hands.

Classifications:

International (IPC 8-9): A47K5/00 A61L2/24

Family:

Publication number	Publication date	Application number	Application date
CO20200005714 U1	20200529	CO20200005714U	20200511

Priority:

CO20200005714U 20200511

Probable Assignee: GALVEZ RENDON WALTER ROLANDO

Assignee(s): (std): GALVEZ RENDON WALTER ROLANDO

Inventor(s): (std): GALVEZ RENDON WALTER ROLANDO

4) Family number: 80847984 (IN202011028490 A)

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Title: IVH- SANITIZER SYSTEM: INTELLIGENT VEHICLE HAND SANITIZER SYSTEM USING PRE-INSTRUCTION

Abstract: VHA- Sanitizer System is to a dispenser for, e.g., hand sanitizer or perfume mounted within a rear view mirror of your vehicle. The dispenser has a manual or automated mechanism that expels a small amount of hand sanitizer at a time, preferably when a person places his or her hand under the mirror. The invented system also includes a replaceable reservoir, dispensing mechanism, power source and control circuitry within a cavity in the mirror. A front mirror panel may be hinged to enable access to the operational components. The invented also a combination dispenser for hand wipes and hand gel, configured to be held in a cup holder. The system is substantially cylindrical in order to fit within a cup holder and substantially prevent shifting. Further, are partitioned internally to provide at least two separate compartments. A hands free, automatic, sensory or mechanically operated Hand Sanitation system to be provided in a private automobile or in a public conveyance, such as a, car, tempo, Volvo-bus, train, metro-train or airplane. The reservoir holds enough chemical for multi-use. The system can be re-serviced by the vehicle owner, at a dealership, or at a service station. A fill port will be accessible either in the cab of the vehicle, or in the engine or storage compartments. The mechanism comprises: a. A reservoir to hold chemical, metal, plastic or rubber with moul color. b. A pump to transfer chemical with higher density. c. An electrical harness to power pump is low electric consume. d. A switch wires to trigger pump to turn on. e. Plastic, metal or rubber insulated tubing to carry product (chemical) to one or more sprayer heads. f. One or more sprayer head assemblies comprising a sprayer, manual button, sensor, light, and on/off switch. g. Plastic couplings and fittings to attach tubing from reservoir to sprayer heads. h. One or more mounting brackets for the reservoir.

Classifications:

International (IPC 8-9): B61D35/00

Family:

Publication number	Publication date	Application number	Application date
IN202011028490 A	20200828	IN202011028490	20200704

Priority:

IN202011028490 20200704

Probable Assignee: DILEEP KUMAR YADAV

Assignee(s): DILEEP KUMAR YADAV ; MANOJ KUMAR ; RAKESH KUMAR YADAV ; RAVINDRA K JAIN ; USHA BATRA ; VINAY RISHIWAL

Inventor(s): DILEEP KUMAR YADAV ; MANOJ KUMAR ; RAKESH KUMAR YADAV ; RAVINDRA K JAIN ; USHA BATRA ; VINAY RISHIWAL

5) Family number: 50959849 (DE202012100480 U1)

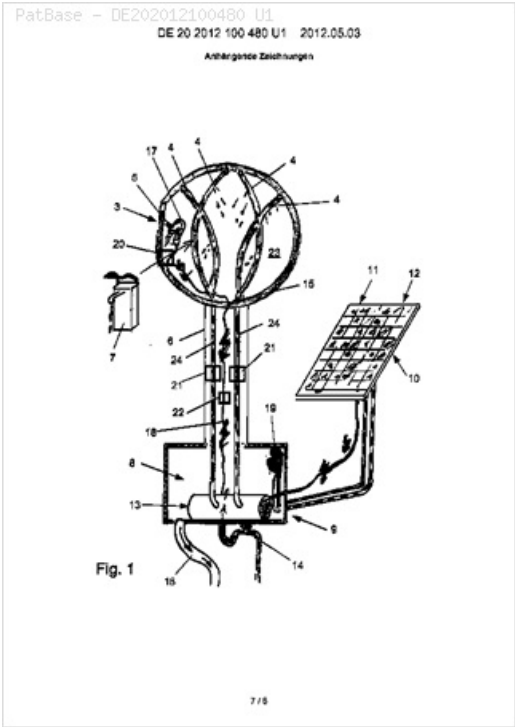
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Title: Apparatus for washing and drying of hands (Machine translation)

Abstract: Source: DE202012100480 U1 **Machine translation:** Apparatus for washing and drying of hands (1) having a housing (2) having an opening (3) for at least one hand (1), at least one washer nozzle (4) for a washer fluid and at least one air nozzle (5) for dry air from a fan (17) and a bottom-side outlet (15), characterized in that the device is a with a durchstroemten of the washer fluid heat exchanger (13) connected to thermal solar element (11) and / or with a battery connected photovoltaic element (12). is

Classifications:

International (IPC 8-9): A47K10/48 A47K7/04



Family:

Publication number	Publication date	Application number	Application date
DE202012100480 U1	20120314	DE201220100480U	20120214

Priority:

DE201220100480U 20120214

Probable Assignee:

KNAUER ERICH

Assignee(s): (std):

KNAUER ERICH

Assignee(s):

KNAUER

6) Family number: 67177797 (WO17175244 A1)

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Title: A SMART BIN

Abstract: Disclosed is a smart bin capable of being installed at any location in a city. The system comprises a set of proximity sensors for sensing contents of a bin and activates an identification device to send the data of the user of the bin to a social media platform and to a civic agency for appropriate action. In a preferred embodiment the smart bin is used as a garbage bin wherein the system helps immensely in keeping the city clean by regular updates to the civic authorities for quick action on alerts. The system being connected to social media platform will encourage citizens to be more responsive to maintain a discipline of cleanliness.

Classifications:

International (IPC 8-9): B65F1/00 B65F1/14 G06Q30/00

CPC: B65F1/14 B65F1/16 B65F2210/128 B65F2210/138

B65F2210/152 B65F2210/168 B65F2210/172

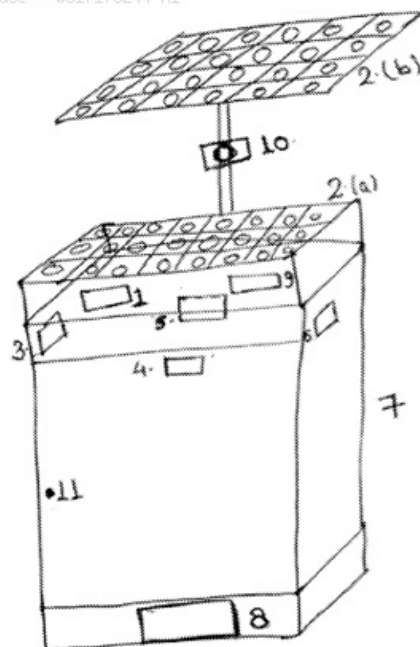


Fig1

Family:

Publication number	Publication date	Application number	Application date
IN201641012127 A	20171110	IN201641012127	20160406
IN201743011287 A	20181005	IN201743011287	20170330
WO17175244 A1	20171012	WO2017IN50131	20170405

Priority:

IN201641012127 20160406 IN201743011287 20170330

Probable Assignee: SRIVASTAVA CHITRANSH**Assignee(s):** (std): SRIVASTAVA CHITRANSH**Inventor(s):** (std): SRIVASTAVA CHITRANSH**Agent(s):** P K ASHWINI KUMAR

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 DJ 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 KH KM KN KP KR KW 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

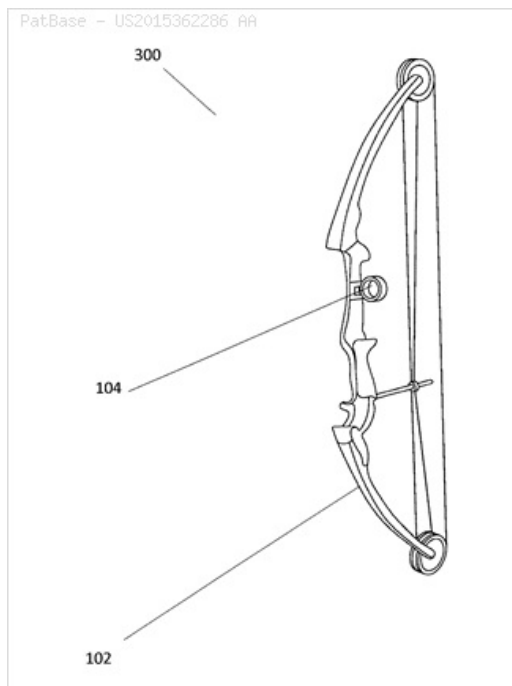
7) Family number: 61123106 (US2015362286 AA)

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Title: HUNTING METHOD

Abstract: A hunting method comprising a weapon with a sight having at least one colored range designator, color-coding at least one distance marker to correspond to at least one colored range designator, placing at least one color-coded marker at a range in a hunting field, the color of each marker corresponding to a range designator, identifying a range to a target in the hunting field by visual comparison to at least one marker, aiming using at least one color-coded designator corresponding to at least one color-coded marker, whereby a hunter can quickly determine the estimated distance to a target while maintaining both hands on the weapon during the ranging and shooting.

Classifications:**International (IPC 8-9):** F41G1/467**CPC:** F41G1/467**US:** 33/228



Family:

Publication number	Publication date	Application number	Application date
US2015362286 AA	20151217	US20140303181	20140612

Priority:

US20140303181 20140612

Probable Assignee:

SANDKNOP LES T

Assignee(s): (std):

SANDKNOP LES T

Inventor(s): (std):

SANDKNOP LES T

8) Family number: 49928379 (USD648856 S1)

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Title: AUTOMATIC DISPENSER FOR HAND-SANITIZING LOTION

Abstract: (Claim 1) The ornamental design for an automatic dispenser for hand-sanitizing lotion, as shown and described.

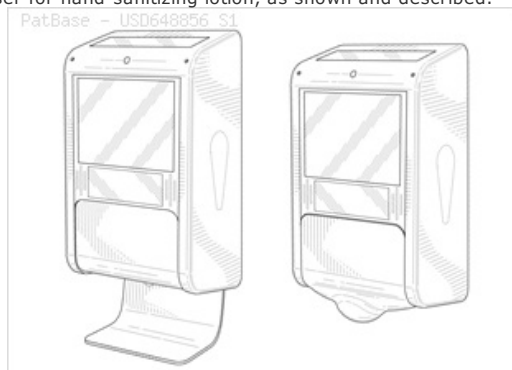
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B67D1/00 B67D1/16 B67D7/06 B67D7/14 B67D7/60 B67D7/74
B67D7/84 G01F11/00

CPC: A47K5/12

US: 222/105 222/105S 222/108 222/132 222/143 222/181.3
222/181.300S 222/214 222/333 222/386.5 222/52 222/52P 222/95
D24/185

Locarno class: 24/02



Family:

Publication number	Publication date	Application number	Application date
USD648856 S1	20111115	US20100378085F	20101029
US2012085780 AA	20120412	US20100901965	20101011
US8353427 BB	20130115	US20100901965	20101011

Priority:

US20100901965 20101011

US20100378085F 20101029

Probable Assignee:

LANDAUER KONRAD

Assignee(s): (std):

LANDAUER KONRAD

Inventor(s): (std):

LANDAUER KONRAD

Agent(s):

MILTON S

9) Family number: 48394314 (US2011053016 AA)

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Title: METHOD FOR MANUFACTURING AND DISTRIBUTING HYDROGEN STORAGE COMPOSITIONS

Abstract: The method of generating and delivering on-demand power to the consumer in a low-carbon-emitting manner comprises the steps of: generating energy from a low-carbon-emitting source, using the generated energy to generate a hydrogen storage composition, transporting the hydrogen storage composition and a reagent to the consumer, facilitating the use of the hydrogen storage composition to generate electricity, and facilitating the return of the by-products to a regeneration facility. This method is preferably used to distribute an on-demand power source to the consumer. One potential advantage of this distribution method includes low carbon emissions. By leveraging low-emission energy sources, utilizing low-emission distribution channels, and placing the energy source (H2) and energy generation (conversion of H2 to electricity) in the consumer's hands, unexpected savings in environmental impact, as measured by carbon emission, can be achieved.

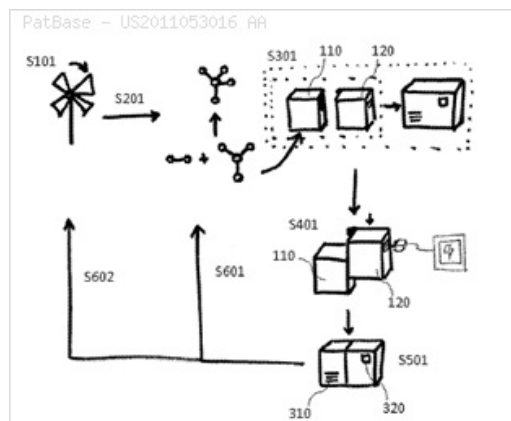
Classifications:

International (IPC 8-9): H01M8/06

CPC: H01M8/04388 H01M8/04589 H01M8/04753 H01M8/0494

H01M8/065 Y02E60/50

US: 429/416 429/416P 429/427 429/427S



Family:

Publication number	Publication date	Application number	Application date
US2011053016 AA	20110303	US20100868640	20100825

Priority:

US20090236857P 20090825 US20100868640 20100825

Probable Assignee: ARDICA TECHNOLOGIES INC

Assignee(s): (std): BRAITHWAITE DANIEL ; FABIAN TIBOR ; MARTIN RICHARD

Assignee(s): ARDICA TECHNOLOGIES INC

Inventor(s): (std): BRAITHWAITE DANIEL ; FABIAN TIBOR ; MARTIN RICHARD

10) Family number: 65477325 (US2017108233 AA)

Title: PORTABLE SOLAR HVAC SYSTEM WITH ALL-IN-ONE APPLIANCES

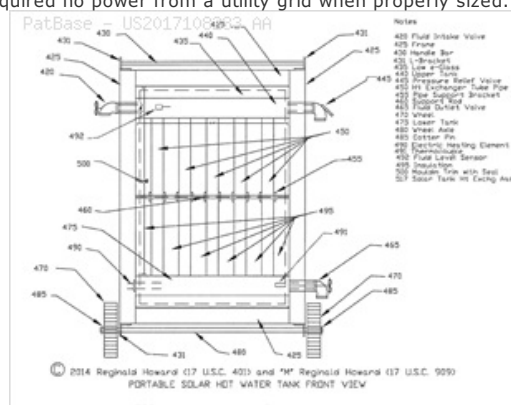
Abstract: This invention relates to a portable or fixed solar powered heating ventilation air conditioner (HVAC) system. The disclosed invention consists of the following major components. 1) Solar Hot Water Tank/Storage Tank, 2) Solar Generator, 3) Solar HVAC Heat Exchanger Unit, 4) Solar Grill, 5) Wireless Network Energy Monitoring System and 6) Supervisor Control and Data Acquisition (SCADA) system. Also included is a list of appliances that the HVAC system can be configured to function as: a) refrigerator, b) air purifier/fan, c) pressure cooker, d) drink dispenser, and e) pressurized hot water supply. The HVAC system and above listed appliances is designed to be used in homes, businesses, camping, military, hospitals, FEMA and in developing countries with very little electrical or plumbing infrastructure. The HVAC is capable of supplying all the above mention functions while being powered solely on solar power, solar hot water/fluid or geothermal and a chilled water source, therefore creating a NetZero Energy Machine™ that required no power from a utility grid when properly sized.

Classifications:

International (IPC 8-9): F24F11/56 F24F13/22 F24F13/28 F24F5/00 F24J2/02 F24S10/70 F24S20/30 F24S20/50 F24S60/30 F28D20/00 H01M10/46

CPC: F24F11/56 F24F13/222 F24F2005/0067 F24F2221/12 F24F2221/125 F24F2221/183 F24F2221/34 F24F5/0017 F24F5/0042 F24F5/0096 F24S10/742 F24S20/50 F24S60/30 F28D20/0034 F28D2020/0026 F28D2020/0078 F28D2020/0082 H01M10/465 H01M2220/10 Y02A30/272 Y02B10/20 Y02E10/44 Y02E60/10 Y02E60/14 Y02E70/30

US: 1/1 165/48.2



Family:

Publication number	Publication date	Application number	Application date
US10302320 BB	20190528	US20160293226	20161013
US2017108233 AA	20170420	US20160293226	20161013

Priority:

US20150244099P 20151020 US20160293226 20161013

Probable Assignee: HOWARD REGINALD B

Assignee(s): (std): HOWARD REGINALD BERTRAM

Assignee(s): HOWARD REGINALD B

Inventor(s): (std): HOWARD REGINALD BERTRAM

Title: HAND SANITIZER

Abstract: A hand sanitizer generally includes an ozone producing, germicidal ultraviolet lamp for oxidizing organic debris and inactivating bacteria and viruses on the surface and subsurface of hands. In addition, a polychromatic light source is provided for destruction of residual ozone and photoreactivating, or photorepairing, ultraviolet induced effects on the skin. The lamps may be disposed in a free standing housing having a chamber for containing the produced ozone and receiving hands in a vertical orientation. Fans may be provided for circulating the ozone and atmospheric gas throughout the chamber and for evaporating residual moisture from the skin. A light source for destroying excess ozone is also provided which may be operated after the organic debris has been oxidized. Shields are provided within the chamber in order to protect a user's eyes from exposure to the ultraviolet light. The apparatus may be powered entirely by conventional solar panels.

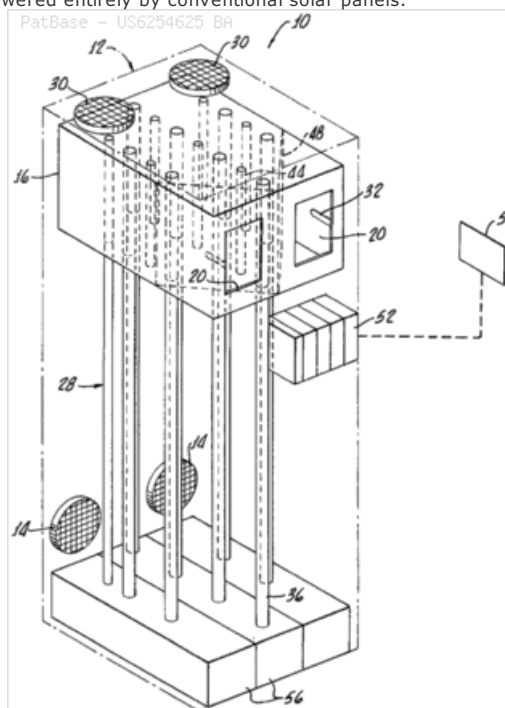
Classifications:

International (IPC 8-9): A61L2/10 A61N5/06

International (IPC 1-7): A61N7/00

CPC: A61L2/10 A61N2005/0654 A61N2005/0659 A61N2005/0661 A61N2005/0662 A61N5/0616 A61N5/0624

US: 606/10 606/11 606/13 606/2 607/88 607/90 607/94



Family:

Publication number	Publication date	Application number	Application date
US6254625 BA	20010703	US19980109452	19980702

Priority:

US19980109452 19980702

Probable Assignee: ROSENTHAL CENAYDA V

Assignee(s): ROSENTHAL CENAYDA V ; ROSENTHAL RICHARD A

Inventor(s): (std): ROSENTHAL CENAYDA V ; ROSENTHAL RICHARD A

Inventor(s): CENAYDA V ROSENTHAL ; RICHARD A ROSENTHAL

Agent(s): WALTER A HACKLER

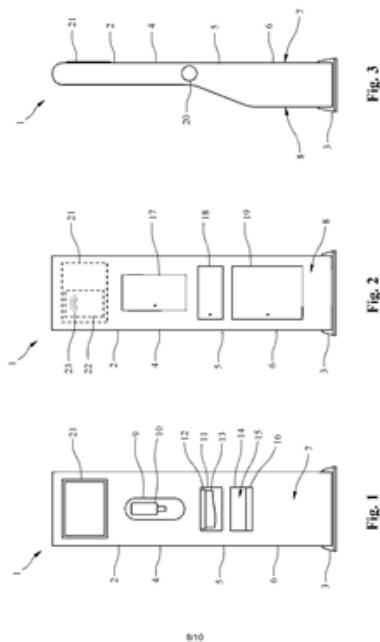
Title: Hygiene station (Machine translation)

Abstract: Source: DE202020101738 U1 **Machine translation:** Hygiene station (1; 24; 31; 42; 45; 51) for cleaning and/or disinfection of the hands of a user, wherein the hygiene station (1; 24; 31; 42; 45; 51) has at least one display unit (21; 47) and a control unit (10; 26; 34; 48).

Classifications:

International (IPC 8-9): A47F5/00 A47K10/18 A47K5/12 A61L2/10 A61L2/18

CPC: A47F5/00 A47K10/46 A47K5/12 A61L2/0047 A61L2202/11 A61L2202/14 A61L2202/17



Family:

Publication number	Publication date	Application number	Application date
DE202020101738 U1	20200716	DE202020101738U	20200331

Priority:

DE202020101738U 20200331

Probable Assignee: PROTECO MARKETING SERVICE GMBH

Assignee(s): (std): PROTECO MARKETING SERVICE GMBH

Agent(s): CHARRIER RAPP AND LIEBAU PATENTANWAELTE PARTG MBB

13) Family number: 16038597 (US6339897 BA)

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Title: METHOD AND APPARATUS FOR DISPENSING AIRBORNE MATERIALS FOR CONTROLLING PESTS

Abstract: A method and apparatus for dispensing pheromones, semiochemicals, and other materials that can control the behavior or physiology of insects and other pests are described. The dispensers (AgJets) use electronic dispensing technology such as that used in ink jet printing. The units have a self-containing reservoir for the to-be-dispensed chemical, and they are capable of being activated to dispense by an electromagnetic signal from a broadcasting controller unit. Picoliter volumes of pheromones and semiochemicals can be dispensed in drop-on-demand mode. The units for dispensing shall be powered by battery and/or solar energy for hands-off operation in remote sites. The units may also have weather monitoring devices (thermometer, anemometer, humidity measurement), and such climactic information can be transmitted to central receiving stations and/or used locally in the AgJet device to control chemical dispensing.

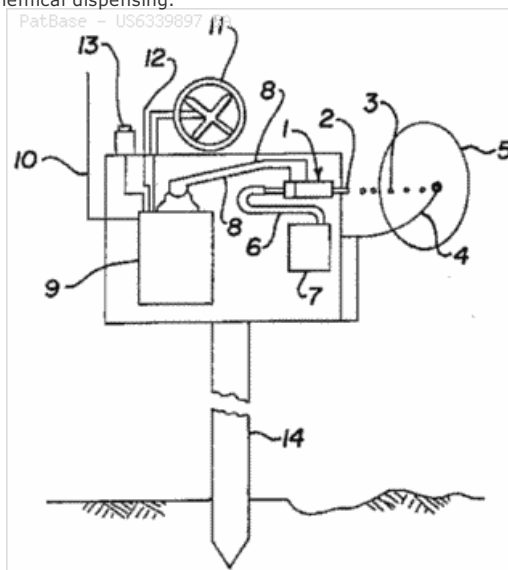
Classifications:

International (IPC 8-9): A01M1/20 A01M13/00 A01M7/00 B05B12/08 B05B12/10 B05B12/12 B05B17/04 B05B17/06

International (IPC 1-7): A01M1/20 A01M1/300 A01M13/00 A01M7/00

CPC: A01M1/205 A01M2200/012 A01M7/0089 B05B12/10 B05B12/12 B05B17/0607 Y10S43/90

US: 43/125 43/129 43/132.1 43/900



Family:

Publication number	Publication date	Application number	Application date
US6339897 BA	20020122	US20010801994	20010308

Priority:

Probable Assignee: MICROFAB TECHNOLOGIES INC

Assignee(s): (std): MICROFAB TECH INC

Assignee(s): MICROF TECHNOLOGIES INC AB ; MICROFAB TECHNOLOGIES INC

Inventor(s): (std): FREDERICKSON CHRISTOPHER J ; HAYES DONALD J ; SINKS MURRAY

Inventor(s): CHRISTOPHER J FREDERICKSON ; DONALD J HAYES ; MURRAY SINKS

Agent(s): LOCKE LIDDELL AND SAPP LLP

14) Family number: 79969607 (ES1249129 UA)

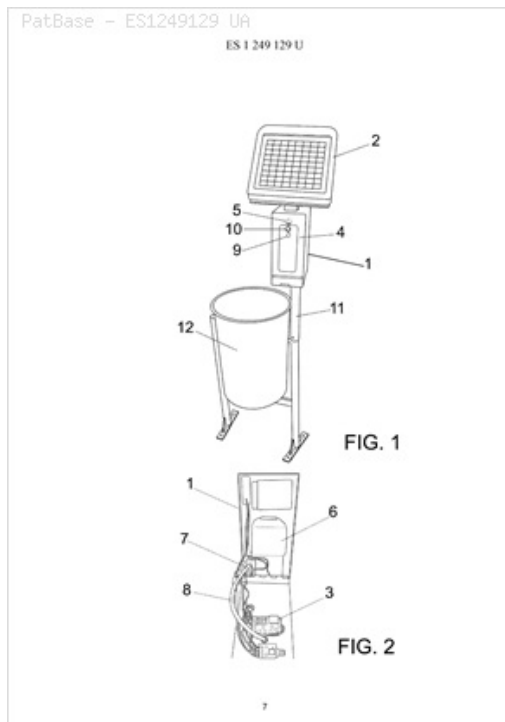
© PatBase

Title: DEVICE FOR HAND DISINFECTION. (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Device for disinfecting hands, characterized in that it is made up of a casing (1), topped off by a photovoltaic solar panel (2), through which a battery is supplied, which in turn feeds a circuit control (3), said casing (1) presenting a door (4) to access its interior, assisted by the corresponding lock (5), casing in which a tank (6) of hand sanitizing product is established, tank connected to a dosing pump (7) that through the corresponding line (8) connects to a diffuser (9) established on the front face of the casing (1) or on its door, being operable through a button (10); with the particularity that the carcass has fixing means (11) to urban furniture (12), such as clamps, walking sticks or even its own side fixing post.

Classifications:

International (IPC 8-9): A47K5/00 A47K5/12



Family:

Publication number	Publication date	Application number	Application date
ES1249129 UA	20200707	ES20200031078U	20200528
ES1249129 Y	20200928	ES20200031078U	20200528
ES1249129 Y1	20200928	ES20200031078U	20200528

Priority:

ES20200031078U 20200528

Probable Assignee: SINGLADURES TECNOLOGIQUES COM S L

Assignee(s): (std): SINGLADURES TECNOLOGIQUES COM S L

Assignee(s): SINGLADURES TECNOLOGIQUES COMERCIALS S L

Inventor(s): (std): MARGALEF MASIA JUAN CARLOS

Inventor(s): JUAN CARLOS MARGALEF MASIA

Agent(s): SALVADOR SAURA CUADRILLERO

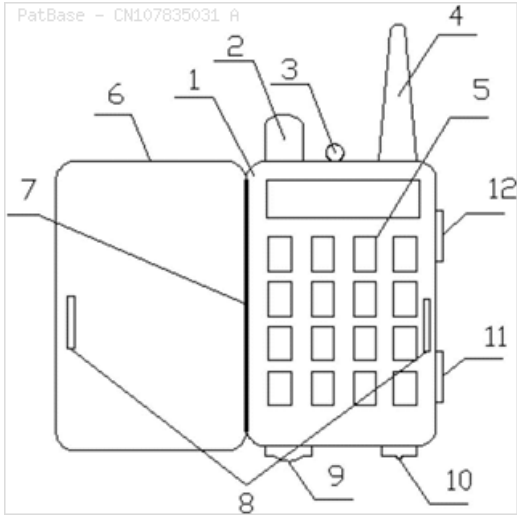
15) Family number: 68963667 (CN107835031 A)

© PatBase

Title: SOLAR INTERPHONE

Abstract: The invention discloses a solar interphone which comprises an interphone body, a volume adjuster, a hook and an antenna. A calculator and a rotating shaft are mounted on the interphone body, a dust cover is mounted on the rotating shaft, an illuminating lamp and a laser lamp are mounted on the left lower side of the interphone body, a solar panel is mounted on the back surface of the interphone body, an electronic meter, a semiconductor heating sheet and an infrared sensor are mounted on the outer side surface of the dust cover of the interphone body, cleanliness, safety and sanitation of the interphone body are ensured, hands are heated by the semiconductor heating sheet, working efficiency is not affected in winter, the working efficiency is improved by designing a calculator module, working safety is improved by designing the illuminating lamp, remote articles are conveniently indicated by the laser lamp, the laser lamp is a better positioning notification, and the use time of the interphone can be prolonged under the condition of single charging by the aid of the solar panel.

Classifications:



Family:

Publication number	Publication date	Application number	Application date
CN107835031 A	20180323	CN201711350784	20171215

Priority:

CN201711350784 20171215

Probable Assignee: SUZHOU DETE NILUO ELECTRONIC TECH CO LTD

Assignee(s): (std): SUZHOU DETE NILUO ELECTRONIC TECH CO LTD

Assignee(s): NILE ELECTRONIC TECHNOLOGY CO LTD SUZHOU BORDETELLA ; SUZHOU DETE NILUO ELECTRONIC TECHNOLOGY CO

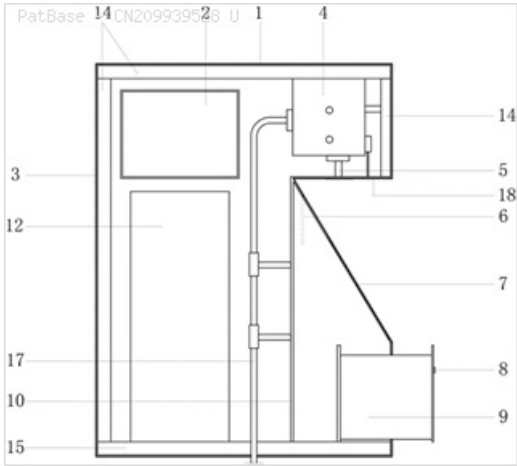
Inventor(s): (std): WU JIDA

16) Family number: 77271372 (CN209939528 U) © PatBase

Title: INTELLIGENT GARBAGE BIN CAPABLE OF WASHING HANDS

Abstract: The utility model discloses an intelligent garbage bin capable of washing hands. The device comprises a box body arranged on a base, wherein a garbage inner can is arranged in the box body, a first push door/electric induction sliding door is arranged on the box body, and a reverse can door is arranged on the outer side of the box body, and is characterized in that a solar panel is arranged at the top of the box body, water tank equipment is arranged in the box body, a water outlet of the water tank equipment is arranged on the outer side of the box body, and the water tank equipment is communicated with a water source; one side face of the box body is provided with an LED back plate lamp strip, the other side face of the box body is provided with an inclined face, the inclined face is sequentially provided with a second push door/electric induction sliding door, a filter screen plate used for extinguishing cigarettes and a drawer door from top to bottom, and a cigarette butt/excrement box is arranged on the inner side of the box body opposite to the lower portion of the inclined face. The garbage can is simple in structure, has a hand washing function, can wash hands immediately after garbage is thrown, and is clean, sanitary, energy-saving and environment-friendly.

Classifications:
International (IPC 8-9): B65F1/14
CPC: Y02W30/10



Family:

Publication number	Publication date	Application number	Application date
CN209939528 U	20200114	CN201821878751U	20181114

Priority:

CN201821708945U 20181022

Probable Assignee: SHANGHAI QIHE URBAN FURNITURE DEV CO LTD

Assignee(s): (std): SHANGHAI QIHE URBAN FURNITURE DEV CO LTD

Assignee(s): SHANGHAI QI FIT URBAN FURNITURE DEVELOPMENT CO LTD ; SHANGHAI QIHE URBAN FURNITURE DEVELOPMENT CO

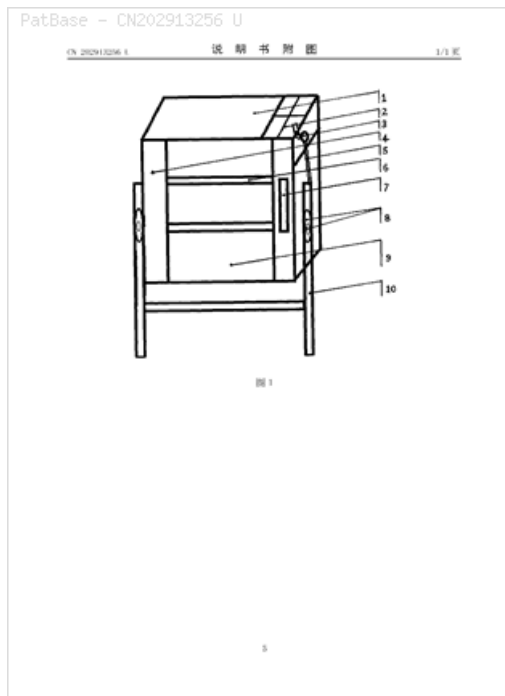
Inventor(s): (std): BAO SHIDU ; ZHAO QIAN

Title: PROTECTED TYPE ROTATION AIRING DEVICE

Abstract: The utility model discloses a protected type rotation airing device which comprises a support (10). A net cage (1) is arranged on the support (10) through a rotating shaft (8), a solar collecting plate (2) is installed on the top of the net cage (1) and connected with a motor (3), and the motor is connected with the support (10) through a transmission assembly (5). A coiling barrel (4) is placed on one side of the net cage (1), a front net (9) of net cage can be shrunk in the coiling barrel or pulled out of the coiling barrel. According to the protected type rotation airing device, a function of preventing flies and insects can be achieved, the net cage is rotated by hands through the rotating shaft to achieve complete airing of 360 degrees. In addition, the solar collecting plate is utilized, and the transmission assembly with the support serving as a pivot drives the net cage to rotate automatically. The protected type rotation airing device can effectively solve the problem that at present, foods are aired in an insanitary mode, cannot be aired completely, hard to air and the like. The protected type rotation airing device has the advantages of being sanitary in foods airing, complete in rotating airing and practical and convenient to operate.

Classifications:

International (IPC 8-9): D06F57/00



Family:

Publication number	Publication date	Application number	Application date
CN202913256 U	20130501	CN201220627778U	20121114

Priority:

CN201220627778U 20121114

Probable Assignee:

LIN JIAYI

Assignee(s): (std):

LIN JIAYI

Title: A NOVEL IOT BASED DISINFECTANT SANITIZER TUNNEL AGAINST COVID-19 USING HUMAN DETECTING SENSORS AND END-TO-END SECURITY MODEL

Abstract: COVID-19 can spread among people through direct/indirect or close contact with infected people through nose and mouth secretions which are released during sneezing, coughing or speaking. To reduce the spread of infection wearing PPE kits, cleaning hands and disinfecting people as well as contaminated surfaces are the only possible. A disinfecting or sanitizing tunnel as shown in fig (1) is a walk through pathway with continuous release of sanitizer or disinfecting agent. It can be used as an efficient way to break the chain of the virus in public places. An IoT based as shown in fig (2) disinfecting tunnel can be used to effectively perform contactless disinfection of the surfaces to reduce the risk of further infection even if one gets contaminated during working or moving. After the lockdown is phased out, the tunnel can effectively manage and help in the movement of public. Primarily focusing on the significance, structural design and functioning of the tunnel. To make the tunnel cost-effective and sustainable solar panels and steel rods have been used. The disinfectant tunnel is highly efficient as it offers no contact disinfection or sanitization. This sensitization tunnel must detect human to sanitize, this invention illustrates a novel approach of using sensors for human detection and since this invention is based on IoT as backbone so security model must be there to guard against malicious user.

Classifications:

International (IPC 8-9): A61L2/00

Family:

Publication number	Publication date	Application number	Application date
IN202031041923 A	20201016	IN202031041923	20200928

Priority:

IN202031041923 20200928

Probable Assignee: AJAY SURYAVANSHI

Assignee(s):

AJAY SURYAVANSHI ; AMRITA ; BIJENDRA KUMAR ; K RAM CHANDRA ; MAHESH CHAND ; MANDEEP KAUER ; MAYANK KUMAR GOYAL ; P KARTHIGEYAN ; PARUL GUPTA ; PAYAL KHURANA BATRA ; RAJDEEP CHAKRABORTY ; RAJEEV KUMAR ; RAMACHANDRA R K ; RAMESH CHANDRA PANDA ; SAKSHI AGARWAL ; SUPRIYA KHAITAN

Inventor(s): AJAY SURYAVANSHI AMRITA ; BIJENDRA KUMAR ; K RAM CHANDRA ; MAHESH CHAND ; MANDEEP KAUR ; MAYANK KUMAR GOYAL ; P KARTHIGEYAN ; PARUL GUPTA ; PAYAL KHURANA BATRA ; RAJDEEP CHAKRABORTY ; RAJEEV KUMAR ; RAMACHANDRA R K ; RAMESH CHANDRA PANDA ; SAKSHI AGARWAL ; SUPRIYA KHAITAN

19) Family number: 81664485 (US2020340270 AA)

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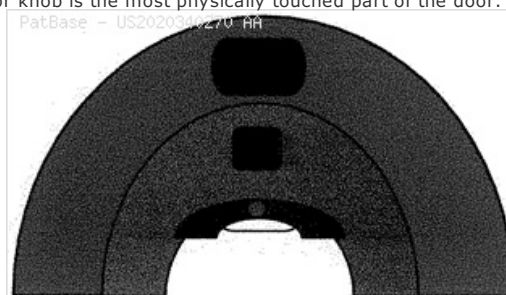
Title: AUTOMATIC DOOR KNOB DISINFECTOR

Abstract: When we understand the risk we are taking by not having a device that can disinfect the door knob automatically. We find that we could potentially get in contact many very deadly germs. The automatic door knob disinfecter has the ability to spray and project disinfecting liquid onto directly the door knob, providing a safe and sterilized knob without leaving any residue anywhere on the door. This ensures the safety and convenience of having a clean and sterilized knob. Especially in a pandemic where social distancing, washing hands, using hand sanitizer, wearing face mask is required this invention should help to lower the exchange of harmful germs especially since the door knob is the most physically touched part of the door.

Classifications:

International (IPC 8-9): E05B1/00

CPC: E05B1/0069



Family:

Publication number	Publication date	Application number	Application date
US2020340270 AA	20201029	US20200923124	20200708

Priority:

US20200923124 20200708

Probable Assignee: SNOWCART LLC

Assignee(s): (std): ARIF RAJWAN MOHAMMAD ; SNOWCART LLC

Inventor(s): (std): ARIF RAJWAN MOHAMMAD

20) Family number: 59037357 (CN104531391 A)

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Title: PREPARATION METHOD FOR RUST REMOVER OF SOLAR SILICON WAFER

Abstract: The invention provides a preparation method for rust remover of a solar silicon wafer. The rust remover comprises, by weight, 20-50 parts of reducing agents, 30-80 parts of hydrochloric acid, 20-30 parts of bentonite, 30-90 parts of phosphoric acid, 30-50 parts of anhydrous sodium silicate, 10-60 parts of calcium chloride, 10-50 parts of hexamethylenetetramine and 30-500 parts of water. The rust remover is convenient to prepare, low in cost, free of harm, water-saving, incapable of injuring hands, safe and simple in cleaning process, good in cleaning effect and small in human sanitation and health effect.

Classifications:

International (IPC 8-9): C11D7/08 C11D7/60

Family:

Publication number	Publication date	Application number	Application date
CN104531391 A	20150422	CN201410846939	20141231

Priority:

CN201410846939 20141231

Probable Assignee: ZHENJIANG GANGNAN ELECTRONICS

Assignee(s): (std): ZHENJIANG GANGNAN ELECTRONICS

Assignee(s): SOUTH ELECTRONICS CO LTD ZHENJIANG PORT ; ZHENJIANG GANGNAN ELECTRONICS CO

Inventor(s): (std): NIE JINGEN

21) Family number: 68624752 (US9894883 BA)

© PatBase

Title: RELEASABLE VEST/WRAP WORN ON A BODY PART TO FACILITATE HANDS-FREE DOG WALKING AND RETENTION OF A PORTABLE ELECTRONIC DEVICE IN AN OPERATIVE CONDITION

Abstract: An improved device to retain a dog leash in a manner so that the garment can be used to walk the dog in a hands-free manner and also retain portable electronic devices in an operative condition while the dog is being walked.

Classifications:

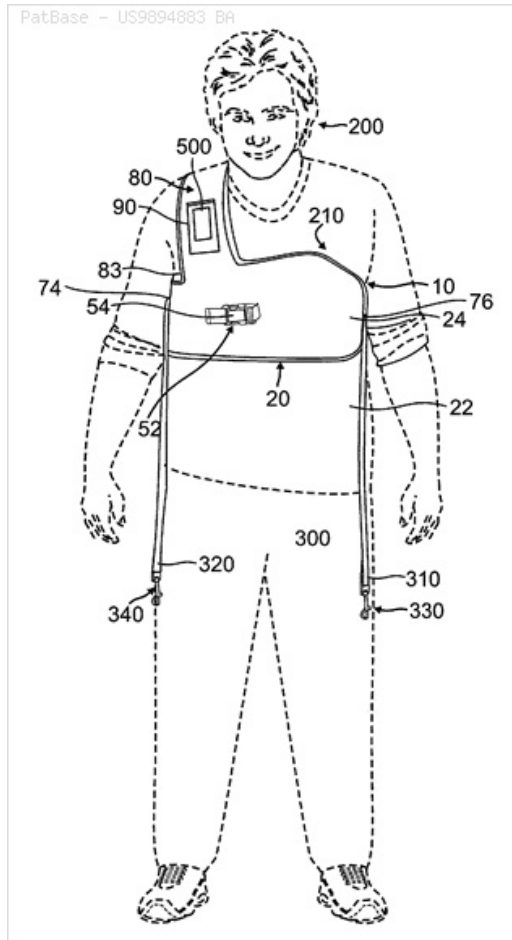
International (IPC 8-9): A01K27/00 A01K29/00 A41D1/00 A41D1/04

A41D27/20

CPC: A01K27/002 A01K27/008 A01K29/00 A41D1/002 A41D1/04

A41D27/205

US: 1/1

**Family:**

Publication number	Publication date	Application number	Application date
US9894883 BA	20180220	US20150794703	20150708

Priority:

US20150794703 20150708

Probable Assignee:

KRAKOWSKI DANIEL

Assignee(s): (std):

KRAKOWSKI DANIEL ; PARTIEL DAVID

Inventor(s): (std):

KRAKOWSKI DANIEL ; PARTIEL DAVID

Agent(s):

THOMAS I

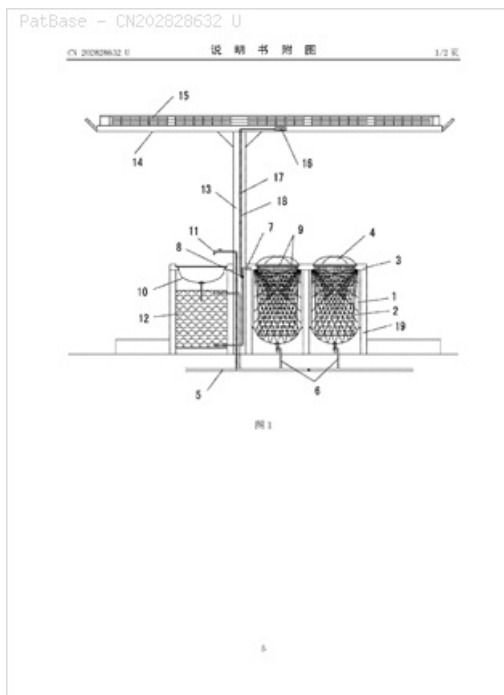
22) Family number: 53355413 (CN202828632 U)

© PatBase

Title: MULTIFUNCTIONAL HOUSEHOLD WASTE GATHERING DEVICE

Abstract: The utility model discloses a multifunctional household waste gathering device. The multifunctional household waste gathering device comprises a main gathering barrel, a vice gathering barrel, a barrel cover, a water supply system, a drainage system, a cleaning system, a lavabo, a tap for washing hands, a spray coiler, a jet, a bracket system, a sun louver, a solar photovoltaic cell panel, a second-time water box and a pressing water pump. Due to the fact that after the waste is gathered and disposed, an inner wall and an outer part of the gathering barrel can be cleaned immediately, the multifunctional household waste gathering device has the advantages of having no remainder, avoiding breeding the files and improving sanitary quality of the barrel and surroundings.

Classifications:**International (IPC 8-9):** B65F1/00 B65F1/14 B65F5/00**CPC:** Y02W30/10



Family:

Publication number	Publication date	Application number	Application date
CN202828632 U	20130327	CN201220516446U	20121010

Priority:

CN201220516446U 20121010

Probable Assignee: SUN ZHANNIAN
Assignee(s): (std): SUN ZHANNIAN ; ZHANG SHIWU
Inventor(s): (std): SUN ZHANNIAN ; ZHANG SHIWU

23) Family number: 80022045 (IN202031026076 A)

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Title: THE AIR TIGHT PERSONAL PROTECTION COMPLETE SUIT WITH AIR PURIFICATION DEVICE

Abstract: The present invention relates to a multiuse, unisex air tight personal protection complete suit with air purification device primarily consist a full body air tight suit with helmet and an electronic device to deliver pure, cool, uncontaminated air for inhalation and air circulation and expels the exhale and exhaust air as a clean air in the atmosphere. It can be used in all weather condition and pollution. It also comprises an electronic sanitization machine and electronic air blower to sanitize the personal protection suit of the user and other objects, raw vegetable, fruits, small room etc at any place, keeping the user safe and hygienic. It is design to ensure the facilities of all essential communication need and vital body information and other parameters safely. It ensures no flow of contaminated and polluted air and touch to any contaminated objects to the users and any contamination from the user to others. It is great for all the travellers, students, workers, employees, healthcare service providers, sick patients etc. It need no social distancing, it is safe and non-hazardous. Hence the invention of this unique suit will facilitate the population to get backs to their work in safe and comfortable manner and give relief to the world from lockdown and economical depression. [00103] The air tight personal protection complete suit with air purification device suit consists following 9 main parts as described in Figure 1. 101 main electronic device with air purification system, 102 main connecting channel from electronic device to backside of the body suit, 103 helmet connected with the body suit and jacket, 104 jacket, upper part of the body suit, 105 pair of hand glove, 106 trouser the lower part of the body suit with belt, 107 pair of sock, 108 electronic sanitizer device and 109 the electronic air blower.

Classifications:

International (IPC 8-9): A62B18/00

Family:

Publication number	Publication date	Application number	Application date
IN202031026076 A	20200717	IN202031026076	20200620

Priority:

IN202031026076 20200620

Probable Assignee: SANTANU CHATTOPADHYAY
Assignee(s): SANTANU CHATTOPADHYAY
Inventor(s): SANTANU CHATTOPADHYAY

24) Family number: 70043547 (CN108142996 A)

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Title: VEHICLE-MOUNTED DEODORIZING SMOKING BARREL

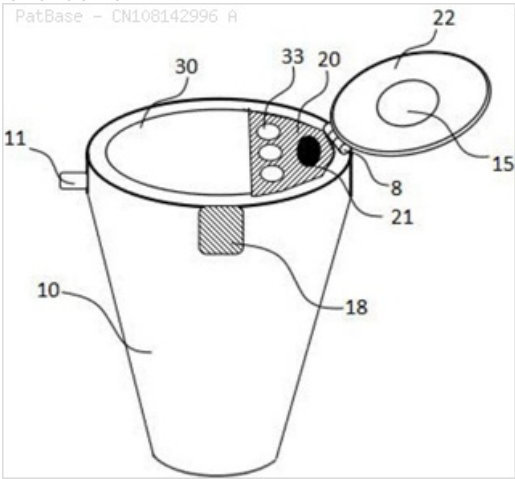
Abstract: The invention discloses a vehicle-mounted deodorizing smoking barrel which comprises a main body, a barrel lid and a deodorizing device, wherein a liner is arranged in the main body; a lid opening button is arranged on the left upper side of the main body; the barrel lid is arranged on the right upper side of the main body and is connected with the main body through a moveable hinge; a solar LED (Light Emitting Diode) lamp is arranged on the reverse side of the barrel lid; the deodorizing device is arranged at the upper end of the front surface of the main body; a sheet is arranged on the opening

position of the liner; an igniting-extinguishing device and cigarette holding holes are arranged and formed in the sheet. The design of a flipping barrel-shaped structure adopted by the invention and the adding of an environment-friendly light source and a deodorizing function greatly reflect the user-friendly comfortable user experience thereof. Meanwhile, the vehicle-mounted deodorizing smoking barrel meets the requirements of safety and sanitation, civilization and environmental protection, durability and easiness for cleaning, capability of liberating both hands, and the like, is suitable for a variety of vehicle models and is capable of creating a convenient and comfortable vehicle life.

Classifications:

International (IPC 8-9): A24F19/10 B60N3/08

CPC: A24F19/10 B60N3/083



Family:

Publication number	Publication date	Application number	Application date
CN108142996 A	20180612	CN201611096521	20161202

Priority:

CN201611096521 20161202

Probable Assignee:

YUAN BING

Assignee(s): (std):

YUAN BING

Inventor(s): (std):

YUAN BING

25) Family number: 70479280 (BR202016019061 U2)

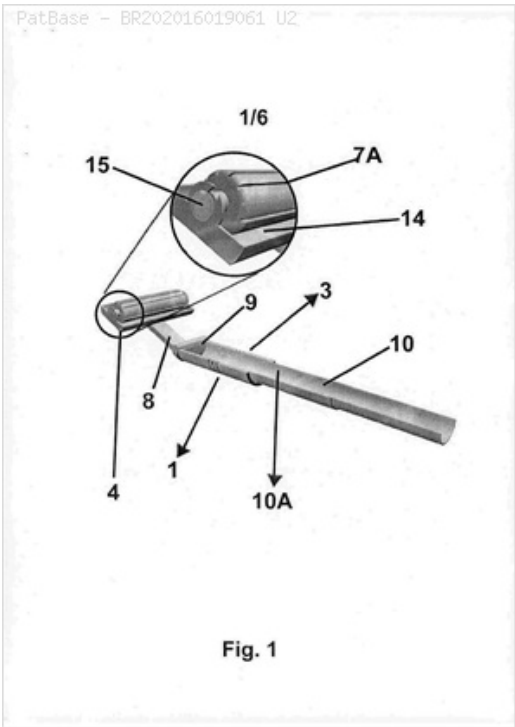
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Title: Constructive ARRANGEMENT IN BACK APPLICATOR FOR LOTIONS AND CREAMS AND OTHER BODY PARTS (Machine translation)

Abstract: Source: BR202016019061 U2 **Machine translation:** "The CORSTRUT SPOS/CAO/VA SUMMARY IN AP1/CREAMS AND LO IDENTIFIER TO BACK AND OEMA(X)ES/S PARTS OO BODY".This is a product relating to the hygiene sector, cosmetics, lotions and toiletries. The present subject matter relates to a compact applicator body lotions and creams, primarily for the back, where people often have more difficulty is spread substances. The applicator is portable, so people can convey it with ease in the pouch, with the sunscreen and also store in the bathroom cabinet home without occupy much space. Constituted by a support piece telescoping rod, bendable, with rubbery cream passer and cover, so that, when closed, is the size of a portable object that may be transported up to a pocket of the pant with ease. This model is intended to prevent a user need help from third parties to spread the products correctly.Ideal for use in beaches, including clubs, public places and by persons with certain limitations and deficiencies.

Classifications:

International (IPC 8-9): A45D34/04



Family:

Publication number	Publication date	Application number	Application date
BR202016019061 U2	20180717	BR20162019061U	20160817

Priority:

BR20162019061U 20160817

Probable Assignee:

ROGERIO MARCIO DE RANIERI

Assignee(s): (std):

ROGERIO MARCIO DE RANIERI

Inventor(s): (std):

ROGERIO MARCIO DE RANIERI

26) Family number: 50079740 (WO13054256 A1)

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Title: FOLDING BASKETBALL SYSTEM, PLANNED TO ACCOMMODATE NOTEBOOK COMPUTERS AND A REFRIGERATOR

Abstract: The present invention relates to a portable foldable basketball system, including the ring thereof, in three basic steps, provided for accommodating notebook computers and a refrigerator, with folding characteristics that include the particular folding of the ring, which mean that it has small dimensions for storage, constituting an improvement over existing options, with an area allocated for accommodating a notebook computer and a refrigerator, thereby increasing the scope of playing this sport, providing access to various teaching resources that enhance sports performance, keeping drinks cool and thus providing suitable hydration for athletes.

Classifications:

International (IPC 8-9): A63B63/08

CPC: A63B2063/086 A63B2210/50 A63B2225/70 A63B63/083

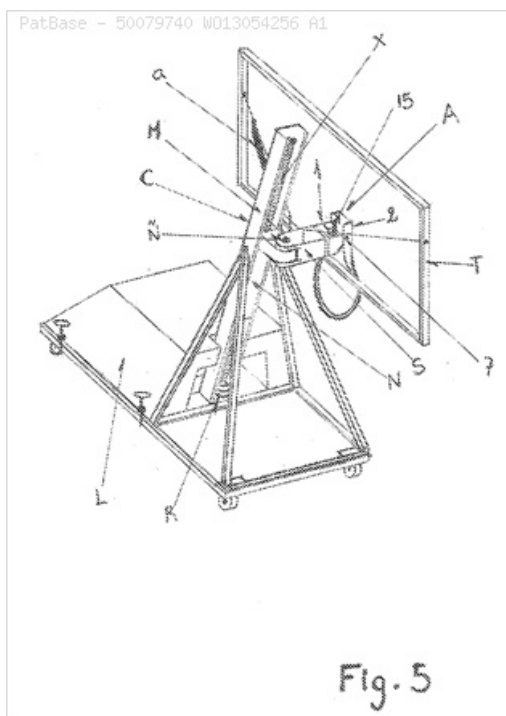


Fig. 5

Family:

Publication number	Publication date	Application number	Application date
UY4400 U	20111201	UY20110004400U	20111014
WO13054256 A1	20130418	WO20121B55452	20121009

Priority:

UY20110004400U 20111014

Probable Assignee: DURAN GALLESIO JUAN PABLO

Assignee(s): (std): DURAN GALLESIO JUAN PABLO ; GALLESIO JUAN PABLO DURAN

Assignee(s): JUAN PABLO DURAN GALLESIO

Inventor(s): (std): DURAN GALLESIO JUAN PABLO ; GALLESIO JUAN PABLO DURAN

Inventor(s): JUAN PABLO DURAN GALLESIO

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

27) Family number: 33547589 (US2006238503 AA)

© PatBase

Title: DEPUTY SERIES-MUSIC CINEMA OR TRANSPORTAINMENT PC (PHIRST CLASSIC) OR DIGI-TASKING MOBILE-CYCLE DEVICES FOR MAXIMUM DIGITAL MOBILOSITY OR THE DIGITAL ENTERTAINING PC OR THE ALL DIGITAL ACTIVITY CENTER OR SATELLITE ENTERTAINMENT MOGUL OR SATELLITE ENTERTAINMENT PC (PHIRST CLASSIC)

Abstract: Deputy Series-Music Cinema et. al. Is a televisual/satellite, mass production and communications system. Coliseum Screens are maximized in mobility as a part of our "Digi-Tasking-Mobile-Cycle". The Coliseum Screens are two wireless/cordless detachable television/computer monitors. Multiple style tooth ray enhancements along with media to media digital interface transfer. The Arsenal Tower will generate all components. Coliseum Screens/Television monitors will reach trillions in satellite cable style interface. Equipped with scrambler/de-scrambler-tracking capabilities. All keyboards will support functions that appear on Coliseum Screens. Dust Shield Wiper capabilities for screen cleaning. My Favorite Pen

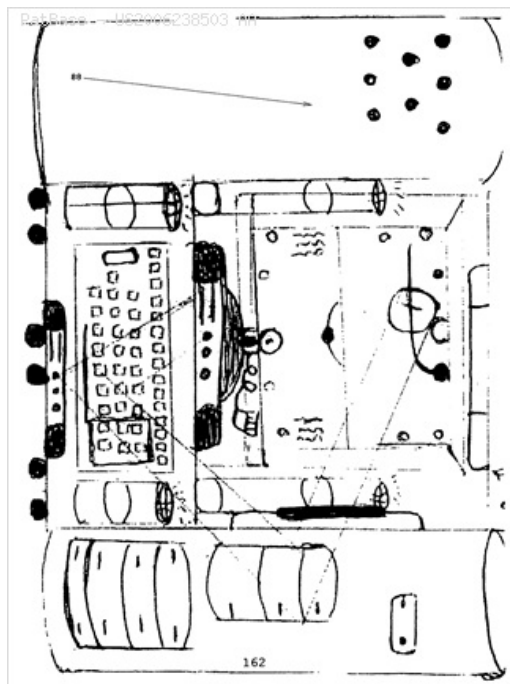
enables writing in mid air through laser to laser enhancements.

Classifications:

International (IPC 8-9): G09G5/00

CPC: G06Q99/00

US: 345/156



Family:

Publication number	Publication date	Application number	Application date
US2006238503 AA	20061026	US20060410423	20060422

Priority:

US20040611149P 20040918 US20060410423 20060422

Probable Assignee: SMITH JEROME W

Assignee(s): (std): SMITH JEROME W ; STROUGHTER LA TRETHA E

Inventor(s): (std): SMITH JEROME W ; STROUGHTER LA TRETHA E

Inventor(s): SMITH JEROME ; STROUGHTER LA TRETHA

Agent(s): JEROME W SMITH

28) Family number: 76276087 (CN209538106 U)

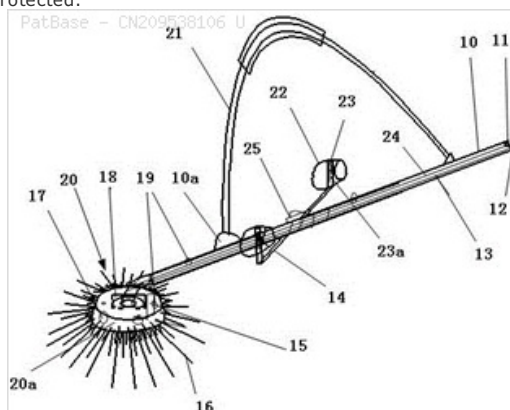
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Title: WARM-KEEPING TYPE ELECTRIC BROOM

Abstract: The utility model discloses a warm-keeping type electric broom. Belonging to the field of environmental sanitation, the broom comprises a broom handle and a broom head, the broom handle is of a circular tube structure. An electric wire is arranged in the broom handle; a heating device is arranged at the broom handle holding position; the broom head comprises a motor, eLECTRICAL WIRE CONNECTED TO AN ELECTRIC MACHINE, an output shaft of the motor is connected with a cleaning head; a flash lamp and an illuminating lamp for illuminating the front and the ground are arranged on the broom handle or the broom handle or the motor shell; the end of the broom handle is connected with a socket; a storage battery or a generator is carried on the back of the worker; by means of the solar street sweeper, the two hands of a sanitation worker can be prevented from being frozen stiff and frostbitten, the personal safety of the sanitation worker is protected, the labor intensity of the sanitation worker is reduced, the street sweeping efficiency is improved, the outdoor labor time in severe cold winter is shortened, and the body health of the sanitation worker is protected.

Classifications:

International (IPC 8-9): E01H1/12 H05B3/02



Family:

Publication number	Publication date	Application number	Application date
CN209538106 U	20191025	CN201821981388U	20181129

Priority:

CN201821981388U 20181129

Probable Assignee:

NOW WANG SU

Assignee(s): (std):

WANG XIAN SU

Assignee(s): NOW WANG SU
Inventor(s): (std): WANG XIAN SU

29) Family number: 70105027 (CN108163413 A)

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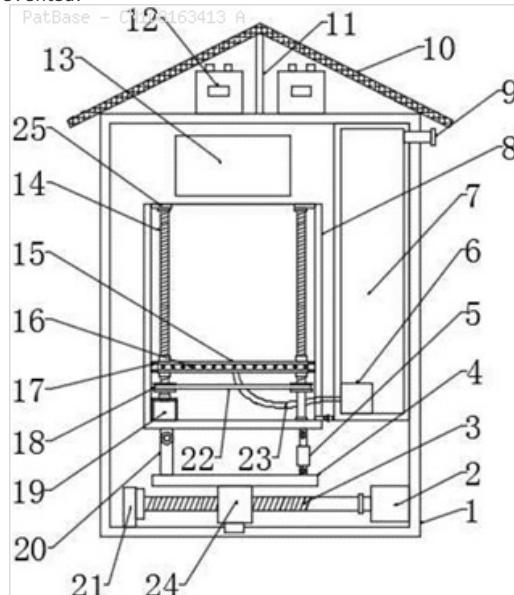
Title: ENVIRONMENT-FRIENDLY SELF-CLEANING TYPE GARBAGE CAN

Abstract: The invention discloses an environment-friendly self-cleaning type garbage can. The environment-friendly self-cleaning type garbage can comprises a can body, a solar panel, a storage battery, a first motor, a first threaded rod, a movable block, a mounting plate, a waste container, an electric push rod, a movable disc, a second threaded rod, an internal threaded sleeve, a belt wheel, a belt, a hairbrush, a water tank and a water pump; the environment-friendly self-cleaning type garbage can is provided with the first motor, the first threaded rod, the movable block, a second supporting rod and the electric push rod; by cooperation, the waste container moves out of the can body, a sanitation worker can take out the waste container without putting a hand into the can body, and the hand back of the worker can also be prevented from being scratched by the can body, so the environment-friendly self-cleaning type garbage can is convenient to operate and use by the sanitation worker, and the work safety is improved; the environment-friendly self-cleaning type garbage can is provided with the second motor, the second threaded rod, the belt wheel, the belt, the movable disc, the hairbrush, the water tank and the water pump, so garbage inside the waste container can be automatically discharged, the sanitation worker can pour the garbage without using hands, and the movable disc can be used for cleaning and scrubbing the inner wall in a moving process, so breeding of bacteria inside the waste container can be prevented.

Classifications:

International (IPC 8-9): B65F1/12 B65F1/14

CPC: B65F1/12 B65F1/14 B65F2210/172 Y02W30/10



Family:

Publication number	Publication date	Application number	Application date
CN108163413 A	20180615	CN201711491827	20171230

Priority:

CN201711491827 20171230

Probable Assignee: ZHENGZHOU HAOEN ELECTRONIC INFORMATION TECH CO LTD

Assignee(s): (std): ZHENGZHOU HAOEN ELECTRONIC INFORMATION TECH CO LTD

Assignee(s): GRACE OF ELECTRONIC INFORMATION TECHNOLOGY CO LTD ZHENGZHOU KILOHERTZ ; ZHENGZHOU HAOEN ELECTRONIC INFORMATION TECHNOLOGY CO

Inventor(s): (std): LIU JIJUN

30) Family number: 76793737 (CA3042356 AA)

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Title: FAMS

Abstract: [Source: Claim 1]1. I claim, an enterprise network "fig 160", comprising; of online and offline modes of operation "fig 100-159"; operating on a third, fourth or fifth generation open loop communications architecture using millimetre wave transmissions that may be literal millimetre waves or synthetic ones; in which the fifth generation architecture millimetre wave transmissions will originate from sub component #1 "fig 100" and #2 "fig 102"; wherein the command protocols is controlled by the Cyborg operating system (C-os) "fig 103" utilizing basic kernel protocols "fig 104"; the C-os may use two slightly different versions of headsets called (h)"fig 105" Cyborg head-set and (Hi:H) Hallelujahi Ionic Head-set "fig 106"; head sets are interfaces, that will communicate to all necessary nodes using mainly sub component (#3)=(a) "fig 112": it may also communicate to sub-components (#4)=(b) "fig 111" and (#5)=(c) "fig 113"; then these two headsets can then serve as the central controllers and or interface for the current 48 sub components that are listed as 48 independent elements in a set ;plus C-os. processes, Blue alert; H i H t.e.c.H bsp; " I" on.li; that is unified under the banner of the preamble independent claim "enterprise network" "fig 160" wherein the name of the unified set of 48 independent elements would be "enterprise network" of the current 48 sub component that are listed as 48 independent elements in a set that is unified under the banner of the preamble independent claim "enterprise network" wherein the name of the elements unified in the set of 48 independent elements would be "enterprise network"; the set of 48 independent elements from sub-component #1 to sub-component #48 is listed one by one and is stated as "current 48 sub-components" because it is open ended and more sub components can be added in the future and they will still be equivalent to the set "enterprise network"; this is the listed sub components one by one.

Classifications:

International (IPC 8-9): A23L2/00 A23L3/00 C12M1/34 G06F15/00 H04L12/22 H04L12/24 H04L9/06 H04W76/14 H04W8/16

CPC: Y02A40/924

Family:

Publication number	Publication date	Application number	Application date
CA3042356 AA	20191107	CA20193042356	20190506

Priority:

US20180667626P 20180507 US20190844092P 20190506

Probable Assignee:

MARSHALL JASON

Assignee(s): (std):

MARSHALL JASON

Inventor(s):

MARSHALL JASON

31) Family number: 24029997 (JP2002239502 A2)

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Title: GARBAGE DISPOSER

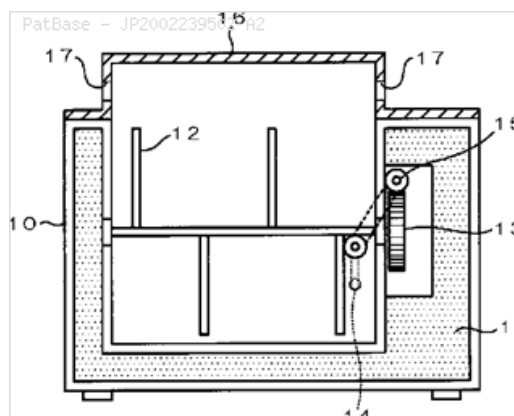
Abstract: PROBLEM TO BE SOLVED: To provide a garbage disposer improved in sanitairiness, operability, dependency on weather, and the temperature, and treatment efficiency. SOLUTION: This disposer is provided with a handle 14 equipped with a reduction gear 13, which reduces the labor for agitation and enables an operator to operate the apparatus sanitarily and comfortably without the adhesion of garbage to the hands of the operator; a cover 16 transparent to heat rays, which makes any special countermeasure or treatment unnecessary even in a rainy day without any objection to the solar decomposition of garbage and eliminates the fear of ransack for the garbage by a dog, a cat, or the like; a container 10 entirely insulated with an insulation material 11, which makes any countermeasure for insulation, the installation of a greenhouse, etc., unnecessary even in winter; and vents 17 and 17, which can facilitate the discharge of the water vapor generated during decomposition.

Classifications:

International (IPC 8-9): B09B3/00

International (IPC 1-7): B09B3/00

CPC: Y02W30/20



Family:

Publication number	Publication date	Application number	Application date
JP2002239502 A2	20020827	JP20010040259	20010216

Priority:

JP20010040259 20010216

Probable Assignee: SHINKO ELECTRIC CO LTD

Assignee(s): (std): SHINKO ELECTRIC CO LTD ; SINFONIA TECHNOLOGY CO LTD

Inventor(s): (std): KONDO HIROYUKI

32) Family number: 55275837 (CN203296140 U)

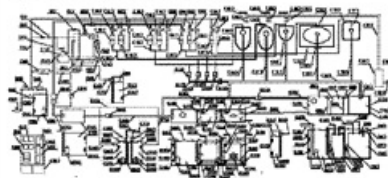
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Title: INTELLIGENT ECOLOGICAL ENERGY-SAVING CIRCULATORY FLUSHING TREATMENT SYSTEM FOR PUBLIC TOILETS

Abstract: The utility model relates to an intelligent ecological energy-saving circulatory flushing treatment system for public toilets. The intelligent ecological energy-saving circulatory flushing treatment system comprises a solar power generation system, an automatic sensing system which is in automatic control and linkage with a microcomputer intelligent control system (an intelligent circuit system) and different devices, equipment and instruments thereof, a flushing and back flushing system, an odor collecting and purifying system, a solid and liquid separating treatment system, and an ecological circulating water treatment device and other auxiliary devices. The circulatory flushing treatment system has the advantages of high intelligentization degree, convenience in operation, good flushing effect, no odor and blocking resistance, has the effect of low water utilization (for washing hands and mops) and zero emission, meets application features and building standards of modern sanitary, convenient, energy-saving, ecological and environment-friendly public toilets, accords with the national trend of creating ecological, environment-friendly, energy-saving and emission-reducing civilized and harmonious society at this stage, and meets requirements for developing ecological, civilized and canonical modern social economy in our country at present.

Classifications:

International (IPC 8-9): E03D5/10 E03D9/03 E03D9/05 E03D9/10 E03D9/12

**Family:**

Publication number	Publication date	Application number	Application date
CN203296140 U	20131120	CN201320351692U	20130619

Priority:

CN201320351692U 20130619

Probable Assignee: ZHANG JINHAI**Assignee(s):** (std): ZHANG JINHAI**Inventor(s):** (std): GAI JINGBO ; HE YINGE ; LI WENBIN ; XUE FENGSHAN ; YUE HAIBIN ; ZHANG JIE ; ZHANG JINHAI ; ZHANG XINGCHU**33) Family number: 57194979** (CN103993637 A)

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Title: INTELLIGENT, ECOLOGICAL AND ENERGY SAVING CYCLED WASHING PROCESSING SYSTEM FOR PUBLIC TOILETS

Abstract: The invention relates to an intelligent, ecological, environmentally friendly, energy saving and water saving cycled washing processing system for public toilets. The system comprises a solar power generation system, an automatic induction system in automatic control and linkage with a microcomputer intelligent control system (an intelligent circuit system) and all devices, equipment and appliances thereof, a washing and back washing system, a peculiar smell collecting and purifying system, a solid-liquid separation processing device, an ecological cycled water processing device and other accessory equipment and devices. The intelligent, ecological, environmentally friendly, energy saving and water saving cycled washing processing system is high in intelligence degree, convenient to operate, good in washing effect, free of peculiar smells, not prone to blockage, and capable of achieving the effect of zero discharging of domestic water (for washing hands and mops). The popularization and use of the intelligent, ecological, environmentally friendly, energy saving and water saving cycled washing processing system can embody the use characteristics and building standards of sanitation, convenience, energy conservation, ecological environmental friendliness of modernized public toilets, and the trend of creating an ecological environmentally friendliness, energy conservation, civilized and harmony society in the present stage of China is met, and the intelligent, ecological, environmentally friendly, energy saving and water saving cycled washing processing system is needed in building ecological, civilized and typical modernized social economy of China currently.

Classifications:**International (IPC 8-9):** C02F9/14 E03D5/016 E03D5/10**CPC:** Y02W10/37

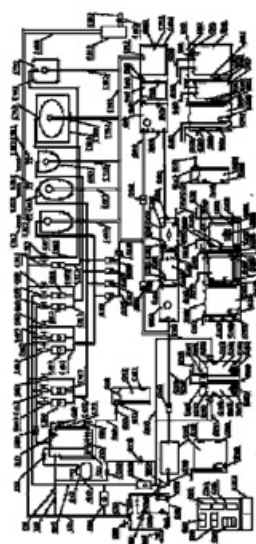


图 1

37

Family:

Publication number	Publication date	Application number	Application date
CN103993637 A	20140820	CN201310575810	20131118

Priority:

CN201310575810 20131118

Probable Assignee: MENG HONGLIN**Assignee(s):** (std): MENG HONGLIN**Assignee(s):** MENG HONGLING**Inventor(s):** (std): MENG HONGLIN ; ZHANG JINHAI**34) Family number: 66409223 (US2019030053 AA)**

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Title: COMPOSITION FOR INCREASING EXPRESSION OF PGC-1ALPHA

Abstract: The present invention relates to a composition for preventing or treating diseases or symptoms associated with a reduction in the expression of peroxisome proliferator-activated receptor coactivator 1-alpha (PGC-1a), the composition comprising, as an active ingredient, a compound represented by the following general formula I, a salt thereof, or a solvate thereof.

Classifications:

International (IPC 8-9): A23L A23L33/10 A23L33/125 A61K A61K31/7016 A61K31/702 A61K45/00 A61K47/02 A61K47/04 A61K47/36 A61K49/22 A61K8/14 A61K8/60 A61K9/00 A61K9/107 A61K9/127 A61K9/18 A61K9/51 A61L15/20 A61P15/00 A61P17/00 A61P17/02 A61P17/04 A61P17/08 A61P17/10 A61P17/12 A61P17/14 A61P17/16 A61P21/00 A61P21/04 A61P25/00 A61P25/02 A61P25/06 A61P25/08 A61P25/14 A61P25/16 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/28 A61P27/02 A61P29/00 A61P3/00 A61P3/04 A61P3/06 A61P39/00 A61P43/00 A61P9/00 A61Q A61Q1/02 A61Q1/04 A61Q1/10 A61Q1/14 A61Q19/00 A61Q19/08 A61Q19/10 A61Q5/02 A61Q5/06 A61Q5/12 C07H C07H1/00 C07H13/02 C07H13/06 C07H3/04 C7H3/04

CPC: A23L33/10 A23V2002/00 A61K31/7016 A61K31/702 A61K8/14 A61K8/60 A61K9/0014 A61K9/0053 A61K9/1075 A61K9/127 A61K9/51 A61P25/08 A61P25/16 A61P25/28 A61P3/06 A61P39/00 A61P9/00 A61Q19/08 C07H13/02 C07H3/04 A23V2200/318

US: 1/1 424/9.51

PatBase - US2019030053 AA

Organ-specific relative gene expression compared with before 6'-SL administration

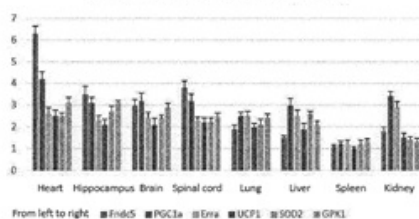


FIG. 1a

Family:

Publication number	Publication date	Application number	Application date
CA3010338 AA	20180703	CA20173010338	20170113
CN108472305 A	20180831	CN201780006641	20170113
EP3403655 A1	20181121	EP20170738695	20170113
EP3403655 A4	20190807	EP20170738695	20170113
HK1257689 A1	20191025	HK20190100055	20190103
ID201809722 A	20180907	ID2018P0005934	20170113
JP2019502718 T2	20190131	JP20180536439T	20170113
KR20180099885 A	20180905	KR201807023369	20170113
MX2018008671 A1	20190213	MX20180008671	20170113
RU2018128408 A	20200213	RU20180128408	20170113
RU2018128408 A3	20200213	RU20180128408	20170113

SG11201805791R A1	20180830	SG20181105791	20170113
US2019030053 AA	20190131	US20170069972	20170113
WO17123066 A1	20170720	WO2017KR00505	20170113

Priority:

KR20160004383 20160113 WO2017KR00505 20170113 RU20180128408 20170113

Probable Assignee: BENEBIOSIS CO LTD

Assignee(s): (std): BENEBIOSIS CO LTD

Assignee(s): BENEBIOSIS CO ; KANG SEUNG WOO

Inventor(s): (std): KANG SEUNG WOO ; SEUNG WOO KANG

Agent(s): CLT PATENT AND TRADEMARK HK LTD; GOWLING WLG CANADA LLP; HIROTA KOICHI; J A KEMP; MATSUDA NAKO; NAGARE YOSHIHIRO; YENNY HALIM SE SH MH; YOON DAE WOONG

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 DJ 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 KH KM KN KP KR KW 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

35) Family number: 52074283 (US2014086981 AA)

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Title: PGC-1ALPHA-MODULATING PEPTIDES

Abstract: Peptides of general formula (I): R₁-W_n-X_m-AA₁-AA₂-AA₃-AA₄-AA₅-AA₆-Y_p-Z_q-R₂ their stereoisomers, mixtures thereof and/or their cosmetically or pharmaceutically acceptable salts, a preparation process, cosmetic or pharmaceutical compositions which contain them and their use in the treatment and/or care of conditions, disorders and/or diseases which improve or are prevented by PGC-1a modulation.

Classifications:

International (IPC 8-9): A61K36/23 A61K36/25 A61K36/53 A61K36/736 A61K36/74 A61K36/896 A61K38/00 A61K38/01 A61K38/04 A61K38/06 A61K38/07 A61K38/08 A61K38/28 A61K45/00 A61K8/64 A61K8/96 A61P17/00 A61P17/02 A61P17/06 A61P17/08 A61P17/10 A61P17/12 A61P17/14 A61P17/16 A61P21/00 A61P21/02 A61P21/04 A61P25/00 A61P25/02 A61P25/06 A61P25/08 A61P25/14 A61P25/16 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/26 A61P25/28 A61P27/02 A61P29/00 A61P3/00 A61P3/02 A61P3/04 A61P3/06 A61P3/10 A61P37/08 A61P43/00 A61P5/24 A61P7/12 A61P9/12 A61Q19/00 A61Q19/08 C07K14/47 C07K7/06

International (IPC 1-7): A61K38/04 C07K7/06

CPC: A61K36/23 A61K36/25 A61K36/53 A61K36/736 A61K36/74 A61K36/896 A61K38/00 A61K38/011 A61K38/06 A61K38/07 A61K38/08 A61P17/00 A61P17/02 A61P17/06 A61P17/08 A61P17/10 A61P17/12 A61P17/14 A61P17/16 A61P21/00 A61P21/02 A61P21/04 A61P25/00 A61P25/02 A61P25/06 A61P25/08 A61P25/14 A61P25/16 A61P25/18 A61P25/20 A61P25/22 A61P25/24 A61P25/26 A61P25/28 A61P27/02 A61P29/00 A61P3/00 A61P3/02 A61P3/04 A61P3/06 A61P3/10 A61P37/08 A61P43/00 A61P5/24 A61P7/12 A61P9/12 C07K7/06 A61K2300/00

US: 1/1 424/450 514/17.8 514/18.2 514/18.6 514/18.8 514/21.6 514/4.8 514/6.9 530/328 530/334 530/338

Family:

Publication number	Publication date	Application number	Application date
AU2012234370 AA	20130718	AU20120234370	20120323
AU2012234370 BB	20170427	AU20120234370	20120323
BR112013020002 A2	20170919	BR20131120002	20120323
CN103379911 A	20131030	CN201280005815	20120323
CN103379911 B	20160525	CN201280005815	20120323
DE602012021199 D1	20160915	DE201260021199T	20120323
EP2651428 A1	20131023	EP20120710106	20120323
EP2651428 B1	20160803	EP20120710106	20120323
ES2397889 AA	20130312	ES20110030439	20110325
ES2397889 BA	20140207	ES20110030439	20110325
ES2600852 T3	20170213	ES20120710106T	20120323
IN05907DN2013 A	20160429	IN2013DN05907	20130701
JP2014510091 T2	20140424	JP20140500420T	20120323
JP6431367 B2	20181128	JP20140500420T	20120323
JP2018193381 A2	20181206	JP20180132988	20180713
KR101988676 B1	20190612	KR20137027976	20120323
KR20140041467 A	20140404	KR20137027976	20120323
US2014086981 AA	20140327	US20120006981	20120323
US9266921 BB	20160223	US20120006981	20120323
WO12130775 A1	20121004	WO2012EP55259	20120323

Priority:

US20110467648P 20110325 ES20110030439 20110325 WO2012EP55259 20120323
EP20120710106 20120323 JP20140500420T 20120323 US20120006981 20120323
JP20180132988 20180713

Probable Assignee: LIPOTEC SA

Assignee(s): (std): ALMINANA DOMENECH NURIA ; FERRER MONTIEL ANTONIO VICENTE ; GARCIA ANTON JOSE MARIA ; LIPOTEC SA

Assignee(s): LIPOTEC GAVA SA

Inventor(s): (std): ALMINANA DOMENECH NURIA ; ANTONIO VICENTE FERRER MONTIEL ; CEBRIAN PUCHE JUAN ; FERRER MONTIEL ANTONIO VICENTE ; GARCIA ANTON JOSE MARIA ; JOSE MARIA GARCIA ANTON ; NURIA ALMINANA DOMENECH ; NURIA ALMINIANA DOMENECH

Inventor(s): JUAN CEBRIAN PUCHE

Agent(s): CARPINTERO MARIO; CARVAJAL Y ISABEL; CARVAJAL Y URQUIJO ISABEL; CARVAJAL Y URQUIJO ISABEL ET AL; FAY SHARPE LLP; KITA AOYAMA INT PATENT BUREAU; SHELSTON IP; SHELSTON IP PTY LTD

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

36) Family number: 43686518 (CO5790169 A1)

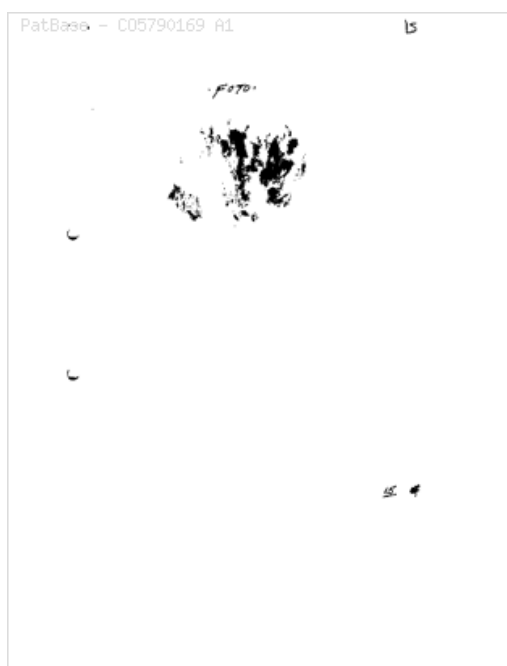
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Title: Medicament for the prevention and eradication of HIV AIDS VIRUS AND DISPOSAL OF CELLS CANCERINAS (Machine translation)

Abstract: Source: CO5790169 A1 **Machine translation:** ? The drug acts as the fluid (circulatory power), will exert cleansing and purification of the blood by increasing red blood cells and thus regeneration of the immunological window; their application in small doses has no contraindications side effects not effective in the treatment of pain treatment and control of infections and inflammations, this with the same drug in a short time. Intracranial tumors cancer treatment the "biopsy" involves removal of sufficient tissue for diagnosis without attempting the removal of part of the tumor. The surgical procedures in the treatment of intracranial tumors can be of four types biopsy, partial reception, (decompression), tumor extirpation and also lobectomy procedures for drainage to alleviate the pressure. As no hay quinto malo the method of invention (medicine) for their destructive action of cancer cells in the body permanently dissolved masses without leaving dangerous or degenerative sequelae. By the bloodstream the drug has the power of antidote, drag and cleaning; without surgery or chemotherapy (irradiation).

Classifications:

International (IPC 8-9): A61K35/18



Family:

Publication number	Publication date	Application number	Application date
CO5790169 A1	20070831	CO20070048308	20070515

Priority:

CO20070048308 20070515

Probable Assignee: OLIVARES VELASQUEZ JOSE VICENTE

Assignee(s): (std): OLIVARES VELASQUEZ JOSE VICENTE

Assignee(s): JOSE VICENTE OLIVARES VELASQUEZ

Inventor(s): (std): OLIVARES VELASQUEZ JOSE VICENTE

Inventor(s): JOSE VICENTE OLIVARES VELASQUEZ

37) Family number: 47832863 (CN101907356 A)

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Title: Energy-saving efficient multifunctional heat storage type warming water tank and water feeding device system

Abstract: The invention relates to a multi-medium heat storage type warming water tank, which is a warming water tank for storing heat by using media such as electromagnetic oven heated water and the like, infusing hot water by using a manual or electric water feeding device and achieving heat storage and warming by using electricity, fuel combustion, hot water of a solar water heater and geothermal water. The warming water tank comprises a warming panel, a warming cavity, a plastic or metal plate, a cotton cloth layer and a water cavity, wherein the water cavity is provided with a water inlet pipe, a water outlet pipe, a stainless iron warming plate and a special bearing rack; a heat insulation layer and a plastic (or metal) protective shell are arranged outside the water cavity; the warming water tank for hands and feet of a single person is provided with a detachable heat insulation base; a water passage of the warming water tank for feet of multiple persons is provided with a three-way pipe and a heat resistant pipe connected with a water pipe of the water cavity; and the warming water tank mainly applied to warming of households and individuals and warming of feet of multiple persons also can supply hot water and shower, the heating transfusion device type warming water tank can be used for warming, and the manual or electric water feeding device is used for feeding water to the water tank. The warming water tank has the advantages of convenient operation, safety, environmental protection, energy conservation, sanitation, warming comfortableness, duration, high utilization of heat efficiency, wide available energy and durability.

Classifications:

International (IPC 8-9): A61F7/00 A61M5/44 F24H9/00

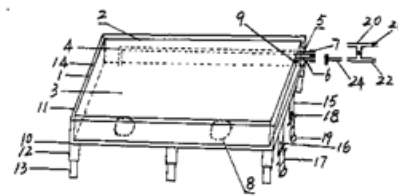


图 1

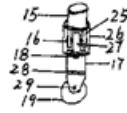


图 2

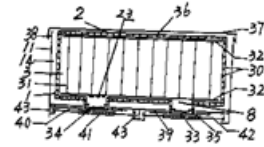


图 3

Family:

Publication number	Publication date	Application number	Application date
CN101907356 A	20101208	CN200910146080	20090606
CN101907356 B	20140122	CN200910146080	20090606

Priority:

CN200910146080 20090606

Probable Assignee:

WU ZHANHANG

Assignee(s): (std):

WU ZHANHANG ; ZHANHANG WU

Inventor(s): (std):

WU ZHANHANG ; ZHANHANG WU

38) Family number: 77625471 (DE102018116174 A1)

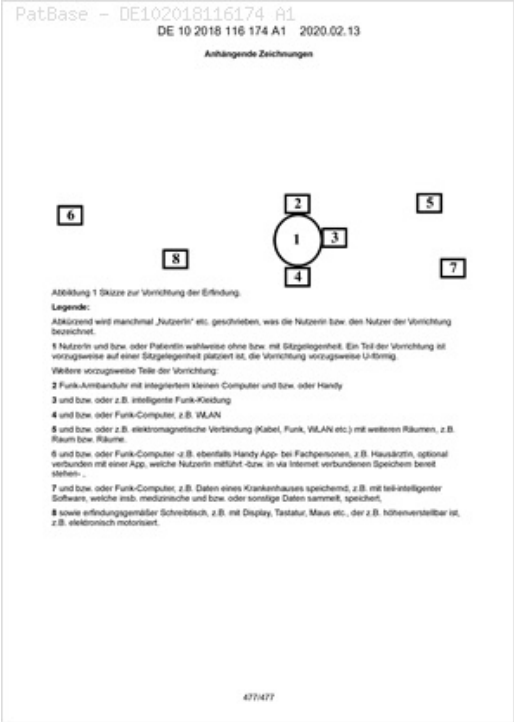
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Title: Device INSB. For WORKPLACE (Machine translation)

Abstract: Source: DE102018116174 A1 **Machine translation:** Device, cost, and/or save time, and/or a user or a user with the additional capabilities, additional tasks and/or tasks may satisfy or better long-lasting and/or tasks with more comfort and/or simple. The device may in particular be of multi-part form. Parts may include, in particular, the method of the invention set forth extra techniques, such as they are used. Depending on requirements, or depending on the wish of the user or of the user device, e.g., for more power, comfort or discomfort or pain to the desired avoidance, etc.). Abkuerzend is also the word user, etc. for the user or the user, etc...In addition to the present submission is one of them independent second with devices to a supplemental topic in preparation, as a result, present proposals can be made shorter. Part of the present inventive apparatus is a seat support, e.g. for an office chair. For example, many long sitting on office chairs, which in many various triggers pain disorders in the long run. For example, longer unkomfortabler, office chairs in known people on unfavorable, diseases Enhancing position. The seat support with variable height may be a comfortable seat height according to the current request. In the enclosed sketch symbolizes 1 user and/or patient optionally without or with seating, wherein on a seating in particular e.g. a device is placed on an execution in particular as U-shaped, may be placed freely and part of the seat device may in particular be adjustable, in particular, the height of the U-shape may be adjustable, in the case of a human being, the auflegbarer device, the portable device may also carry, for example in a motor vehicle and elsewhere as a seat pad, or in the car and generally to seats may also be attached to such a device. In motor vehicle seats are often so soft that soft parts could be clamped to a particularly great extent without seat support, and many driving regularly longer times. Specific embodiments is a into the seat support integrated RFID (radio capable computer, which may include, for example, by means of a mobile phone app on request warning, when removed, or by means of, for example, satellite based sensed position -e.g. via GPS, the app when desired to the approximate location of the object, where the app store and communicate via radio registered that varies from the device, for example the seat cushion removed, or remote. This can be effected, for example, for dementia patients, employees, etc. may be beneficial to device(s). In general, devices with appropriate artificial intelligence (KL) software, if user desires. There are variable embodiments of the seat pad device, may be in a surrounding material U-shaped micro-beads held, optionally, with engines or pumps, etc. and/or in conjunction with the seating an externally remotely controllable adaptation in particular the form, such as, for example, the height, and a matching can optionally be programd, for example, in a computer application, stored on a computer, e.g., a cellular telephone, an electronic computer bracelet watch, etc., may be implemented, which may be coupled, for example, to an electronic calendar, so that modifications and changes may be made in particular e.g. via WLAN, Bluetooth, etc.). For example, a chair is lower than the other, however, it is sometimes needed, so both can be created by means of the variation of the height of the support device compensation for height differences and on request for instantaneous altitude, e.g. if you wish to change time its footwear or variable heights. Shoe Alternatively, the U-shaped device, in particular, for example, made of an elastic material, for example with fabric cover, inflatable, such that various inflation levels may be implemented. Inflation strength may be used in the apparatus also optionally electronically, for example, by means of small pumps and motors, for example, recessed control, e.g. in the U-shaped portion is an opening or openings substantially recessed inflator device more outer present, from the air by means of the pumping apparatus in and out of the U-shaped device may be allowed to, for example, for the variation of the height, in particular above a height, such that the pumping apparatus is perceived not in practice while sitting inside, in addition, the pumping apparatus located inside themselves with a so-soft material that even without the sitting on the inducted air then continues to be uniformly U-shaped device is possible, practically without the internal pumping device while sitting. This inflator, as described above for the non-inflatable version - also remotely programd, etc. may be performed. Programming may be, for example, in language may be done by voice recognition software, etc.). If the device is not here, and desires may, e.g., be something with them, two gloves, a piece of clothing or clothing or blanket or mat, for example, to the right and to the left under the buttocks or U-shaped, and may be used in particular in the upper parts of the thigh can be placed, however, the slipping, the extra U-shaped device has the advantage that the distance of its parts, hardly

changed while sitting experience. The inflatable device has the advantage that it is not inflated so that they can occupy small space may take virtually anywhere, also referred to as a pedestrian. Optionally, for example, U-shaped, for example, pumps with small integrated inflatable seat cushion instead of separate sub-device in another part device, which is one type of clothing, e.g., a pair of trousers, as described further below, may be integrated. Optional pumping apparatus, in accordance with less execution system, it may be integrated battery, which may include, for example, externally via devices with electromagnetic radiation, and/or may be recharged with an integrated energy source, e.g., solar cell coating, the use of kinetic energy, since it is not always when sitting still, and from this movement with devices and energy can be stored and provided in the battery obtained, and, if necessary, the device without current by hand. In the seating, a power supply may also be integrated, which - as described - in turn may be powered, for example by means of cables or, for example, by means of energy harvesting at a swivel chair at rotational movement of the chair, On- or off- or other adjustment possibilities of the chair, in the event of movement of a chair, for example from the rotations of rollers, on which the legs of the chair to the ground up, with the energy, not only can the U-shaped device be powered but also, by way of example, a massage of the back, upon request, or the swivel chair, the energy can be adjusted as desired or remotely controlled. Means coupled may be approximately as a substitute, e.g., a neck cushion device is seated on the seat. Instead of U-shaped device may have a varied form, for example in the form of a straight shape, which may be used only under the buttocks. The device on the seat may be too tight storage or pinches in particular of soft parts prevent further, many seats for large passenger seats may be so low, adversely increased. The inflatable seat support device causes more balancing motions in completing tasks in the seats, particularly muscular fitness, non-inflatable version may be relaxed, relaxing seats allow it may primarily be applied. The U-shape of the seat support device can allow you can sit relaxed times further to the rear of the buttocks - relaxed, reclining - time forward, wherein the two buttocks jaws only on the front part, the parallel portions of the U-shape, are located in the back sometimes ajar and - as far as pleasant, in particular not at a back door ajar, thereby back lots may be trained, for example, U-shaped etc...the seat support device, in a further embodiment a bicycle seat. There are bicycle saddles, from separate shells for the two saturated steep, which has the advantage over common-fifths with central part, that there is no pressure in the middle region, conceivable squeezing of soft tissue can be prevented. Disadvantage of a saddle with two separate shells for the two saturated steep is that the advantage of a front middle portion, namely that it is not possible to easily from the saddle slipping, because the center part this i.allg. is prevented. Inventive saddle is characterized in that it has two separate shells for the two buttocks flanges that no central portion, for example, conceivable soft parts may not be crushed, but with the addition of further forward a central part (the bottom is connected later to the saddle and/or further below) is connected to the wheel, and this additional central part further from may prevent that could easily from the saddle slipping. A further embodiment is that instead of two shells, a U-shaped saddle shape similar to that of the inventive U-shaped seat support is present.Part of the device, for example, at nighttime soft wadenkraempfen comprising preferably device, e.g., a fabric, e.g. approximately 50cm long, about 15cm wide and about 3cm high, e.g. for work and/or to relax while standing or sitting under the front parts of the feet or shoes. When daily, especially in the evening, some minutes the feet in this expanded position, this may be in particular in the case of patients experience severe enough to prevent painful nighttime Wadenkraempfen. This can be followed by one and/or the feet to sit in, e.g., as long as it is healthy, while for work completed, i.e. it saves time. Alternatively, an oblique to the toes toward rising increase in one embodiment of the invention. Footwear, or under a common fixed footwear, which is a few minutes, in particular, prior to go to bed, preferably may be a variable shape, it may be higher than at the rear alternately toes, or at a higher than on the other side, this can be controlled by means of engine-integrated mini computer or via Wi-fi via program or via Kraempfen App may be controlled, for example, to the side of lower legs, etc...All devices of the invention may experience according to prevent users on sale, for example with personally relaxing image motifs or, for example, a heart in heart region disorders in the inventive soft devices, resulting, for example, dementia patients, for which purpose they can be used to remember, or, e.g., according to Choice of users, in some cases with lettering, e.g. name of the user, or "re-lax", "expands", "Sport-Ierin" or "athletes", etc., in particular terms, which are explained in the description of the NutzerIn.Patient, inventive footwear -a kind of footwear, optionally with locally variable height, resulting, for example, at nighttime wadenkraempfen by tags, in particular in the evening some minutes adjusted increase from under the toes may cause no wadenkraempfe automatically according to experience more lateral kraempfe occur at the lower part of the leg likewise no longer laterally, e.g. by increasing the device under the sole has an actuator system and fixing screws, having e.g. a bottom surface located on the bottom of this shoe plant including variable straight and angled in different directions, the invention may secure footwear is above the sole, on The foot rests of a front fixed part, which like at fixed footwear, e.g., someone else on the toe protects the toe, which in particular for example in the case of toe nails could lead to diseases (growth of nails, inflammations, etc.), and for remaining portion preferably as at Sandals open air at the feet, for example in the case of faster healing disorders and weld toes accumulation, humidity, for example, which in turn may prevent infections be prevented to toe, etc.).

Classifications:
International (IPC 8-9): A47C1/11 A47C3/16 A47G9/10 A61H99/00
CPC: A47C3/20 A47C7/021 A61H1/00 A61H13/00 A61H2201/0149 A61H2201/0192 A61H2201/1207 A61H2201/1409 A61H2201/1633 A61H2201/164 A61H2201/5038 A61H2201/5058 A61H2201/5097 A61H2203/0431 A61H2205/081 A61H2205/10 A61H2230/30 A61H23/00 A61H9/00 A61J2205/60 A61K9/00 A61P25/28 A61P9/00 G16H40/63



Family:

Publication number	Publication date	Application number	Application date
DE102018116174 A1	20200213	DE201810116174	20180704

Priority:

DE201810116174 20180704

Probable Assignee: AGNOTOS ANDREAS
Assignee(s): (std): AGNOTOS ANDREAS
Inventor(s): (std): AGNOTOS ANDREAS

39) Family number: 67490529 (CA2929508 AA)

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Title: SMARTEST CITIES

Abstract: New models for cutting edge technologies to serve interests of super cities better. New products and services that a city should have that is helpful, healthy, and helps people perform and locals and tourists can enjoy.

Classifications:

International (IPC 8-9): E04B1/00 E04H1/00

CPC: A63G31/00 E04H1/00

Family:

Publication number	Publication date	Application number	Application date
CA2929508 AA	20171110	CA20162929508	20160510

Priority:

CA20162929508 20160510

Probable Assignee: VOON GERARD
Assignee(s): (std): VOON GERARD
Inventor(s): (std): VOON GERARD

40) Family number: 58338978 (US2015024072 AA)

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Title: METHODS OF TREATING A SKIN CONDITION WITH MALVA NEGLECTA

Abstract: The present invention relates to a method of treating a skin condition, particularly improving skin barrier function, improving the appearance of at least one sign of aging in skin, and/or lightening skin, by applying to the skin an extract of Malva neglecta topically to the skin in need of treatment. Topical application of non-polar and/or lipophilic extracts of Malva neglecta have been found to be particularly effective in improving skin barrier function, improving the appearance of at least one sign of aging in skin, and/or lightening skin. The extract may be applied in a composition further comprising an agent, such as an active cosmetic agent, for further treating the skin condition.

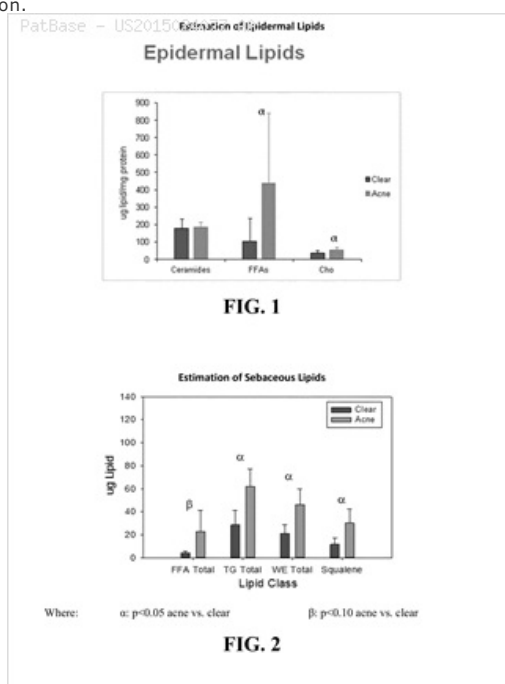
Classifications:

International (IPC 8-9): A61K31/56 A61K31/575 A61K36/00 A61K36/185 A61K36/32 A61K8/63 A61K8/97 A61P17/00 A61P17/10 A61P17/16 A61Q17/00 A61Q17/04 A61Q19/00 A61Q19/02 A61Q19/08 A61Q19/10 A61Q5/02 A61Q5/12 A61Q9/02

CPC: A61K8/97 A61K8/9789 A61P17/00 A61P17/16 A61Q17/00 A61Q19/00 A61Q19/02 A61Q19/08 A61K2236/00 A61K2800/80 A61K36/185 A61Q17/04 A61Q19/007 A61P17/10 A61Q19/008

A61K31/575 A61K8/63 A61K36/32

US: 424/725 424/776 514/171



Family:

Publication number	Publication date	Application number	Application date
AU2014203688 AA	20150205	AU20140203688	20140704
AU2014204486 AA	20150205	AU20140204486	20140717
AU2014293311 AA	20160107	AU20140293311	20140722
AU2014293315 AA	20160107	AU20140293315	20140722
BR102014018002 A2	20151006	BR20141018002	20140722
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BR112016001326 A2	20170725	BR20161101326	20140722
CA2857299 AA	20150122	CA20142857299	20140721
CA2857314 AA	20150122	CA20142857314	20140721
CA2916379 AA	20151218	CA20142916379	20140722
CA2916724 AA	20151222	CA20142916724	20140722
CN104323931 A	20150204	CN201410347305	20140721
CN104323932 A	20150204	CN201410347322	20140721

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EP3024436 A1	20160601	EP20140750647	20140722
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IN01913DE2014 A	20150619	IN2014DE01913	20140709
IN11425DN2015 A	20160429	IN2015DN11425	20151215
IN11429DN2015 A	20160429	IN2015DN11429	20151215
KR20150011324 A	20150130	KR20140091802	20140721
KR20150011327 A	20150130	KR20140091829	20140721
KR20160034371 A	20160329	KR20167004442	20140722
KR20160033216 A	20160325	KR20167004443	20140722
MX2014008888 A1	20150529	MX20140008888	20140722
MX2014008889 A1	20150527	MX20140008889	20140722
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RU2014130012 A	20160210	RU20140130012	20140721
RU2016105476 A	20170829	RU20160105476	20140722
RU2016105743 A	20170829	RU20160105743	20140722
US2015024072 AA	20150122	US20130947473	20130722
US2015024073 AA	20150122	US20130947489	20130722
US2015024074 AA	20150122	US20140338037	20140722
US2015024077 AA	20150122	US20140338072	20140722
WO15013282 A1	20150129	WO2014US47630	20140722
WO15013286 A1	20150129	WO2014US47634	20140722

Priority:

US20130947489 20130722 US20130947473 20130722 WO2014US47630 20140722
WO2014US47634 20140722 US20140338037 20140722 US20140338072 20140722

Probable Assignee: JOHNSON AND JOHNSON CONSUMER INC

Assignee(s): (std): JOHNSO AND JOHNSON CONSUMER COMPANIES INC ; JOHNSON AND JOHNSON CONSUMER ; JOHNSON AND JOHNSON CONSUMER COMPANIES INC ; JOHNSON AND JOHNSON CONSUMER INC

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Inventor(s): KURT A REYNERTSON ; NIKOLETA BATCHVAROVA

Agent(s): CARPMAELS AND RANSFORD LLP ; PLANTZ BERNARD F ET AL ; SHELSTON IP ; SHELSTON IP PTY LTD ; SILVANA MARIA LOPEZ DIAZ ; SMART AND BIGGAR

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

41) Family number: 23270524 (US2004120844 AA)

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Title: ADVANCED OXIDATION OF DANGEROUS CHEMICAL AND BIOLOGICAL SOURCES

Abstract: Advanced Oxidation Technologies (AOT) using laser triggered and driven AOT platform are disclosed, including a method for the advanced oxidation of dangerous chemical and biological sources suspected in particular regions, a variety of uses of said method, and the environments where it can be implemented. The method has two basic steps that are: (c) spraying the regions to be treated with a cloud of gas, vapors, microdroplets, droplets, or bubbles formed from at least one liquid solution containing at least one type of photocatalytic oxidizing substance; (d) directing across said cloud at least one high intensity beam of light having wavelength of between 220 and 390 nanometer for triggering said cloud thereby causing a catalyzed activation that releases free radicals of said oxidizing substance in order to react with said chemical or biological sources. Various types and embodiments of systems and devices using the method of the present invention are also disclosed, including a bubble generator adapted for implementation of the method in various sites where treatment procedures according to the method are required.

Classifications:

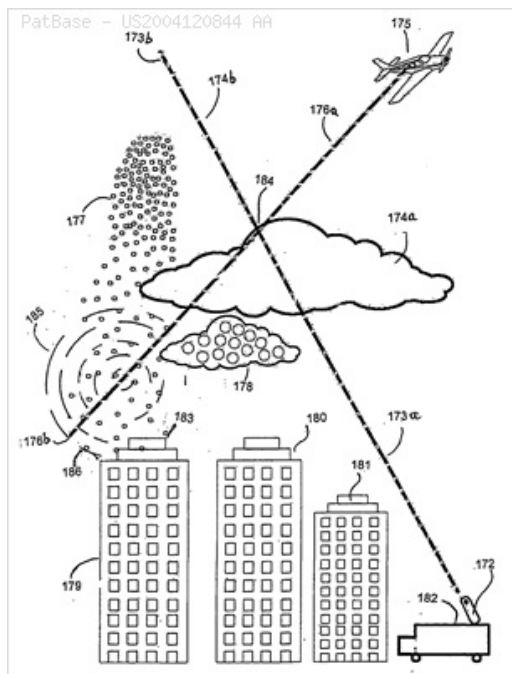
International (IPC 8-9): A23L3/00 A61C19/04 A61L2/00 A61L2/08 A61L2/10 A61L2/16 A61L2/18 A61L2/26 A61L2/28 A61L9/14 A61L9/18 B01D53/86 B01J19/12 B01J35/00 B01J35/02 B08B7/00 B65B55/00 C02F1/00 C02F1/32

International (IPC 1-7): A01N1/00 A23L3/00 A61C19/04 A61L2/00 A61L2/08 A61L2/10 A61L2/16 A61L2/18 A61L2/28 A61L9/14 A61L9/18 A61N2/00 B01D53/86 B01J19/02 B01J19/12 B01J35/02 B08B7/00 B65B55/00 C02F1/00 C02F1/32 C23F11/00

CPC: A61L2/0082 A61L2/088 A61L2/10 A61L2/16 A61L2/28

B82Y10/00 B82Y30/00 B82Y5/00

US: 422/1 422/2 422/22 422/38



Family:

Publication number	Publication date	Application number	Application date
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CA2436602 AA	20030605	CA20012436602	20011207
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EP1343535 A2	20030917	EP20010999391	20011207
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HU0303488 AB	20040301	HU20030003488	20011207
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NO20032516 A0	20030603	NO20030002516	20030603
NO20032516 L	20030804	NO20030002516	20030603
PL365438 A1	20050110	PL20010365438	20011207
RU2003117365 A	20041127	RU20030117365	20011207
US2004120844 AA	20040624	US20040433776	20040202
WO0245756 A2	20020613	WO2001IL01137	20011207
WO0245756 A3	20030103	WO2001IL01137	20011207
ZA200304400 A	20040709	ZA20030004400	20030605

Priority:

IL20000140180 20001207 WO2001IL01137 20011207

Probable Assignee: ATLANTUM LASERS LTD

Assignee(s): (std): ATLANTIM LASER CO LTD ; ATLANTUM LASERS LIMITED ; ATLANTUM LASERS LTD ; ENDE MICHAEL ; TRIBELSKY ZAMIR

Assignee(s): ATLANTIM LASER CO ; MICHAEL ENDE ; ZAMIR TRIBELSKY

Inventor(s): (std): ENDE MICHAEL ; MICHAEL ENDE ; TRIBELSKY ZAMIR ; ZAMIR TRIBELSKY

Agent(s): AVENTUM IP LAW LLP; FPA PATENT ATTORNEYS PTY LTD; FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; IKEUCHI SATO AND PARTNER PATENT ATTORNEYS; SHAPIRO COHEN

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

42) Family number: 30277193 (US2006104859 AA)

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Title: METHOD AND DEVICE FOR AFFECTING A CHEMICAL OR MECHANICAL PROPERTY OF A TARGET SITE

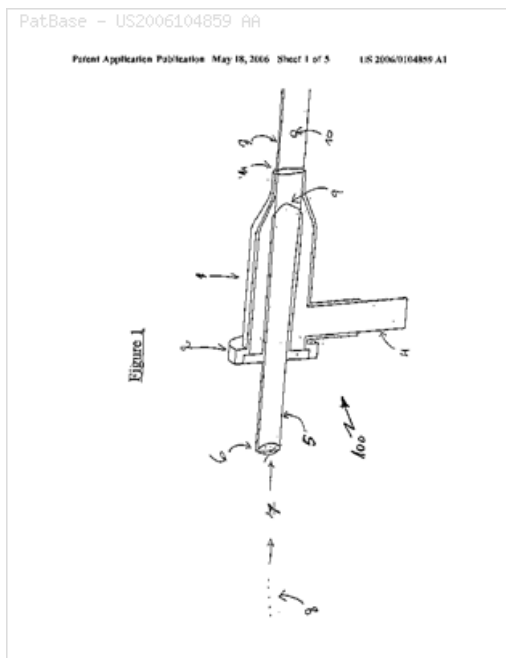
Abstract: A method and device are presented for affecting at least one chemical or mechanical property of a target site (109). A stream of liquid towards a contact with the target site (109) is provided with a predetermined flow rate. Also provided is UV-radiation (103) having predetermined parameters in terms of power, wavelength, duty cycle and repetition rate. The UV-radiation (103) is directed within the stream of liquid (101) along a trajectory of the stream. The stream carrying the UV radiation is maintained in contact with the target site for a time period and under conditions sufficient for affecting the at least one chemical or mechanical property.

Classifications:

International (IPC 8-9): A23B7/00 A23B7/015 A23L3/26 A23L3/28 A61C17/00 A61L2/00 A61L2/10 B01J19/12 B67C7/00 C02F1/32 H01S3/00

International (IPC 1-7): A23L3/28 A61L2/10 B67C7/00 G02B

G02B6/20
CPC: A23B7/015 A23L3/28 A61L2/0011 A61L2/10 B67C7/0073
Y02W10/33 Y02W10/37
US: 210/748.01 210/748.1 210/748.11 210/748.110P 250/455.11
250/455.110S 422/22 422/24 422/24P



Family:

Publication number	Publication date	Application number	Application date
AT313337 E	20060115	AT20030741045T	20030727
AU2003281765 AA	20040216	AU20030281765	20030727
DE60302901 D1	20060126	DE20036002901T	20030727
DE60302901 T2	20060831	DE20036002901T	20030727
EP1525004 A1	20050427	EP20030741045	20030727
EP1525004 B1	20051221	EP20030741045	20030727
IL150914 A0	20030212	IL20020150914	20020725
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JP2006502756 T2	20060126	JP20040524040T	20030727
JP4339249 B2	20091007	JP20040524040T	20030727
US2006104859 AA	20060518	US20030522315	20030727
US8088289 BB	20120103	US20030522315	20030727
US2012145649 AA	20120614	US20120342399	20120103
WO04011038 A1	20040205	WO2003IL00621	20030727

Priority:

IL20020150914 20020725 WO2003IL00621 20030727 US20050522315 20050922
US20120342399 20120103

Probable Assignee: ATLANTIUM TECHNOLOGIES LTD

Assignee(s): (std): ATLANTIUM LASERS LTD ; ATLANTIUM LTD ; ATLANTIUM TECHNOLOGIES LTD ; TRIBELSKY ZAMIR

Assignee(s): ATLANTIUM LASERS LIMITED ; ATLANTIUM LASERS LTD NICOSIA ; ZAMIR TRIBELSKY

Inventor(s): (std): TRIBELSKY ZAMIR

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Agent(s): PEARL COHEN ZEDEK LATZER BARATZ; PEARL COHEN ZEDEK LATZER LLP; PEARL COHEN ZEDEK LLP; REINHOLD COHN AND PARTNERS

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 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

43) Family number: 43685810 (CO5040045 A1)

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Title: Cosmetic composition comprises several ACTIVE MATERIALS AND GEL SILICONE AND METHOD OF APPLICATION
(Machine translation)

Abstract: Source: CO5040045 A1 **Machine translation:** 1. A cosmetic composition, comprising: (a) an active cosmetic material selected from the group consisting of deodorant active materials, antiperspirant active materials, materials for sun protection, insect repellents and antifungal agents, which have a functional effect; and (b) a silicone gel material, having the active cosmetic material incorporated within it, the silicone gel material including an organopolysiloxane material and a volatile silicone material, the organopolysiloxane material being included in the cosmetic composition in an amount within the range of from 2 percent to 30 percent by weight based on the total weight of the composition, sufficient to provide a solid cosmetic composition, the volatile silicone material being included in the cosmetic composition in an amount within the range of from 98 percent to 70 percent by weight, such that the organopolysiloxane material can form a gel from there. 38. A method of forming a cosmetic composition, comprising the step of mixing an active cosmetic material with a silicone gel material, the active cosmetic material being selected from a group consisting of an active cosmetic material selected from the group consisting of deodorant active materials, materials for sun protection, insect repellents and antifungal agents, and silicone gel material, having the active cosmetic material incorporated within it, the silicone gel material including an organopolysiloxane materials and volatile silicone material, the organopolysiloxane material being included in the cosmetic composition in an amount within the range of 2 percent to 30 percent by weight based on the total weight of the composition, sufficient to provide a solid cosmetic composition, the material volatile silicone being included in the cosmetic composition in an amount within the range of from 98 percent to 70 percent by weight such that the organopolysiloxane material can form a gel from there.

Classifications:**International (IPC 8-9):** A61K7/00 A61K7/02 A61K7/32 A61K7/40**International (IPC 1-7):** A61K7/00 A61K7/02 A61K7/32 A61K7/40**Family:**

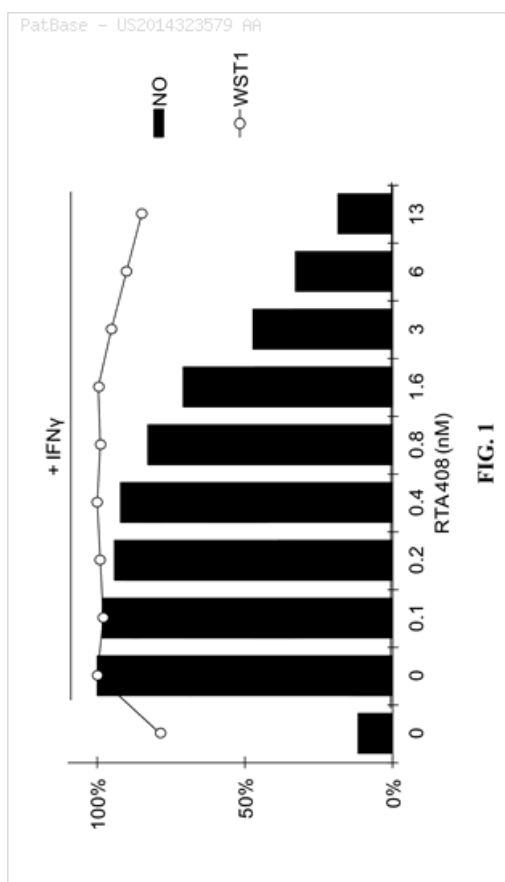
Publication number	Publication date	Application number	Application date
CO5040045 A1	20010529	CO19970051101	19970903

Priority:

CO19970051101 19970903

Probable Assignee: COLGATE PALMOLIVE CO**Assignee(s): (std):** COLGATE PALMOLIVE CO**Assignee(s):** COLGATE PALMOLIVE COMPANY**Inventor(s): (std):** BIANCHINI ROBERT J ; HILLIARD JR PETER ; LEE WILSON**Inventor(s):** PETER R HILLIARD JR ; ROBERT J BIANCHINI ; WILSON LEE**Agent(s):** RAMIRO CASTRO DUQUE**44) Family number: 57700385** (US2014323579 AA)

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Title: 2,2-DIFLUOROPROPIONAMIDE DERIVATIVES OF BARDOXOLONE METHYL, POLYMORPHIC FORMS AND METHODS OF USE THEREOF**Abstract:** The present invention relates generally to the compound: N-((4aS,6aR,6bS,8aR,12aS,14aR,14bS)-11-cyano-2,2,6a,6b,9,9,12a-heptamethyl-10,14-dioxo-1,2,3,4,4a,5,6,6a,6b,7,8,8a,9,10,12a,14,14a,14b-octadecahydricen-4a-yl)-2,2-difluoropropanamide, polymorphic forms thereof, methods for preparation and use thereof, pharmaceutical compositions thereof, and kits and articles of manufacture thereof.**Classifications:****International (IPC 8-9):** A61K A61K31/00 A61K31/277 A61K31/535 A61K31/56 A61K31/565 A61K47/44 A61K9/06 A61K9/08 A61K9/10 A61K9/107 A61K9/127 A61K9/14 A61K9/48 A61K9/70 A61P A61P1/02 A61P1/04 A61P1/16 A61P1/18 A61P11/00 A61P11/06 A61P17/00 A61P17/02 A61P17/06 A61P17/14 A61P17/18 A61P19/02 A61P27/00 A61P27/02 A61P27/06 A61P29/00 A61P3/06 A61P3/10 A61P31/04 A61P35/00 A61P37/06 A61P37/08 A61P39/06 A61P43/00 C07D63/00 C07J C07J53/00 C07J63/00**International (IPC 1-7):** A61K31/565 A61P29/00 C07J63/00**CPC:** A61K31/565 A61P1/02 A61P1/04 A61P1/16 A61P1/18 A61P11/00 A61P11/06 A61P17/00 A61P17/02 A61P17/06 A61P17/14 A61P17/18 A61P19/02 A61P27/00 A61P27/02 A61P27/06 A61P29/00 A61P3/06 A61P3/10 A61P31/04 A61P35/00 A61P37/06 A61P37/08 A61P39/06 A61P43/00 C07B2200/13 C07J63/008 C07J63/00**US:** 1/1 514/628 564/210**Family:**

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