

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 8] 6

Results in EPODOC 24

[SS 9] ..li



1/24 © EPODOC / EPO

- PN - [CN106461638](#) A 20170222
- PR - US201461978595P
20140411; WO2015US25213
20150409
- AP - CN2015831100 20150409
- DT - I
- CCI - [G01N33/48792](#) ; [G08C17/02](#)
- PA - ASCENSIADIABETESCARE
HOLDINGS AG
- TI - Wireless transmitter
adapters for battery-operated
biosensor meters and
methods of providing same
- AB - A wireless transmitter
adapter (206) can provide
wireless data transmission
capability to a battery-
operated biosensor meter
(100), such as a blood
glucose meter, originally
configured for hardwired
data downloads. In some
embodiments, the wireless
transmitter adapter (206) can
be configured to replace a
biosensor meter's
battery cover (106). The
wireless transmitter adapter
(206) can include wireless
transmitter circuitry (700),
a **connector** (218) configured
to be received in a biosensor

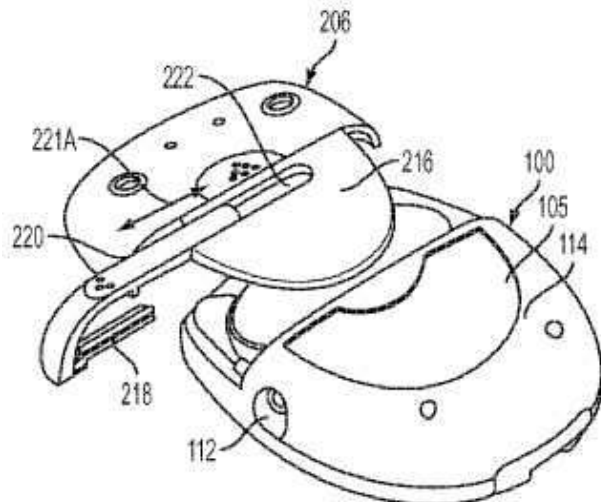


FIG. 2A

meter's communications port (112) to electrically couple to the meter's processor circuitry (107), and one or more electrical contacts (625a, 625b) configured to electrically couple to the biosensor meter's one or more **batteries** (102a, 102b) to power the wireless transmitter circuitry (700). In other embodiments, the wireless transmitter adapter (206) can be configured to surround at least a portion of a biosensor meter (100) and to include its own battery **compartment** (804) to separately provide power to the wireless transmitter circuitry (700). Methods of providing a wireless transmitter adapter (206) for battery-operated biosensor meters (100) are also provided, as are numerous other aspects.

2/24 © EPODOC / EPO

PN - [US2017030889](#) A1 20170202
PR - US201515303218
20150409; US201461978595P
20140411; WO2015US25213
20150409
AP - US201515303218 20150409
DT - **
CT - || R141 (A1)
[US2010228111](#) A1 20100909
[] (FRIMAN ALF [SE], et al);
[US2009243791](#) A1 20091001
[] (PARTIN DALE L [US], et al);
[US8483974](#) B2 20130709 []
(CONNOLLY BRIAN EDMOND [US], et al);
[US2011256024](#) A1 20111020
[] (COLE JEAN-PIERRE [US], et al)
CCI - [G01N33/48792](#) ; [G08C17/02](#)
PA - ASCENSIADIABETESCARE
HOLDINGS AG [CH]
TI - WIRELESSTRANSMITTER

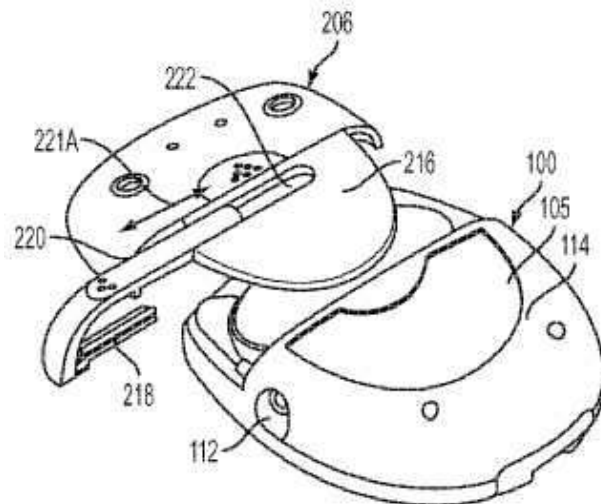


FIG. 2A

ADAPTERS FOR BATTERY-
OPERATED BIOSENSOR
METERS AND METHODS OF
PROVIDING SAME

AB

- A wireless transmitter adapter (206) can provide wireless data transmission capability to a battery-operated biosensor meter (100), such as a blood glucose meter, originally configured for hardwired data downloads. In some embodiments, the wireless transmitter adapter (206) can be configured to replace a biosensor meter's battery **cover** (106). The wireless transmitter adapter (206) can include wireless transmitter circuitry (700), a **connector** (218) configured to be received in a biosensor meter's communications port (112) to electrically couple to the meter's processor circuitry (107), and one or more electrical contacts (625a, 625b) configured to electrically couple to the biosensor meter's one or more **batteries** (102a, 102b) to power the wireless transmitter circuitry (700). In other embodiments, the wireless transmitter adapter (206) can be configured to surround at least a portion of a biosensor meter (100) and to include its own battery **compartment** (804) to separately provide power to the wireless transmitter circuitry (700). Methods of providing a wireless transmitter adapter (206) for battery-operated biosensor meters (100) are also provided, as are numerous other aspects.

PN	- CA2945313 A1 20151015
PR	- US201461978595P 20140411; WO2015US25213 20150409
AP	- CA20152945313 20150409
DT	- I
CCI	- G01N33/48792 ; G08C17/02
PA	- ASCENSIADIABETESCARE HOLDINGS AG [CH]
TI	- WIRELESSTRANSMITTER ADAPTERSFOR BATTERY- OPERATED BIOSENSOR METERS AND METHODS OF PROVIDING SAME
AB	- A wireless transmitter adapter (206) can provide wireless data transmission capability to a battery- operated biosensor meter (100), such as a blood glucose meter, originally configured for hardwired data downloads. In some embodiments, the wireless transmitter adapter (206) can be configured to replace a biosensor meter's battery cover (106). The wireless transmitter adapter (206) can include wireless transmitter circuitry (700), a connector (218) configured to be received in a biosensor meter's communications port (112) to electrically couple to the meter's processor circuitry (107), and one or more electrical contacts (625a, 625b) configured to electrically couple to the biosensor meter's one or more batteries (102a, 102b) to power the wireless transmitter circuitry (700). In other embodiments, the wireless transmitter adapter (206) can be configured to surround at least a portion of a biosensor meter (100) and to include its own battery compartment (804) to separately provide power to

the wireless transmitter circuitry (700). Methods of providing a wireless transmitter adapter (206) for battery-operated biosensor meters (100) are also provided, as are numerous other aspects.

4/24 © EPODOC / EPO

PN - [NZ710076](#) A 20160930
 PR - WO2014EP00114 20140116; DE20132000390U 20130116
 AP - NZ20140710076 20140116
 DT - I
 CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
 CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
 PA - SWISS SPA SYSTEM LTD
 TI - Hand-held device for electrically powered skin treatment
 AB - A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the skin can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

5/24 © EPODOC / EPO

PN - [MX2015009112](#) A 20151005
 PR - DE20132000390U 20130116; WO2014EP00114 20140116
 AP - MX20150009112 20140116
 DT - I
 CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
 CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
 PA - SWISS SPA SYSTEM LTD [CN]
 TI - HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT.
 AB - A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

6/24 © EPODOC / EPO

- PN - [PH12015501547](#) A1 20151005
- PNFP - PH12015501547 B1 20151005
- PR - DE20132000390U 20130116; WO2014EP00114 20140116
- AP - PH20151501547 20150710
- DT - I
- CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
- CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
- PA - (A1 B1)
SWISS SPA SYSTEM LTD [CN]
- TI - (A1)
HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT
- (B1)
HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT
- AB - (A1 B1)

A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

7/24 © EPODOC / EPO

- PN - [TW201542169](#) A 20151116
- PR - US201461978595P 20140411
- AP - TW20150111461 20150409
- DT - I
- CCI - [G01N33/48792](#) ; [G08C17/02](#)
- PA - BAYER HEALTHCARE LLC [US]
- TI - Wireless transmitter
adapters for battery-operated
biosensor meters and
methods of providing same
- AB - A wireless transmitter
adapter can provide wireless
data transmission capability
to a battery-operated
biosensor meter originally
configured for hardwired
data downloads. In some
embodiments, the wireless
transmitter adapter can be
configured to replace a
biosensor meter's
battery **cover**. The wireless

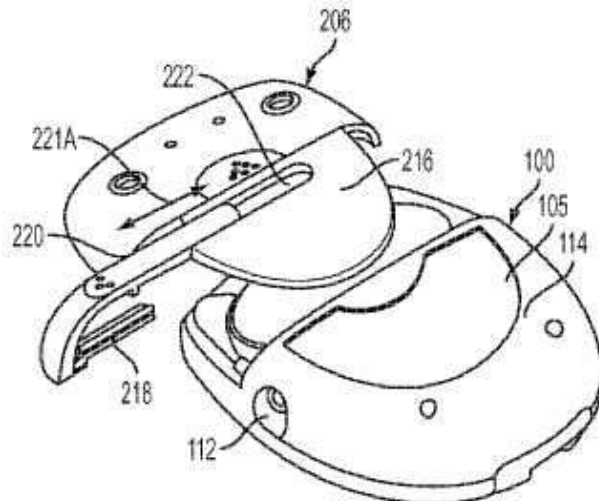


FIG. 2A

transmitter adapter can include wireless transmitter circuitry, a **connector** configured to be received in a biosensor meter's communications port to electrically couple to the meter's processor circuitry, and one or more electrical contacts configured to electrically couple to the biosensor meter's one or more **batteries** to power the wireless transmitter circuitry. In other embodiments, the wireless transmitter adapter can be configured to surround at least a portion of a biosensor meter and to include its own battery **compartment** to separately provide power to the wireless transmitter circuitry. Methods of providing a wireless transmitter adapter for battery-operated biosensor meters are also provided, as are numerous other aspects.

8/24 © EPODOC / EPO

PN - [CN204922838U](#) U 20151230

PR - CN20152558847U 20150724

AP - CN20152558847U 20150724

DT - I

PA - WEI XINGGUI

TI - Bayonet type LED candle lamp

AB - The utility model discloses a bayonet type LED candle lamp, including lamp shade, LED bulb, battery **cover**, last electric **connector**, battery, lower electric **connector** and battery **compartment**, in upward electric **connector** was fixed in the battery **cover**, lower electric **connector** was fixed in in the battery **compartment**, fixed connection and fixed in it with the battery can be dismantled to battery **cover** and battery **compartment**, on the lamp shade is fixed in the battery **cover**, in the LED bulb is fixed in this lamp shade, and this LED bulb and last electric **connector** electric connection. The switching that this LED candle lamp adopted the dislocation bayonet coupling structure of battery **cover** and battery **compartment** to control the LED candle lamp has reduced the control structure, greatly reduced its manufacturing cost, and adopt the bayonet structure that misplaces to control the switching of LED candle lamp, the switch can not take place and break away from the phenomenon for easy operation, the performance is more stable. In addition, the battery of this LED candle lamp can adopt 5 number conventional or no. 7 **batteries**, and the battery is easily purchase and is changed, has increased its life.

9/24 © EPODOC / EPO

PN - [US2015360024](#) A1 20151217
PR - DE20132000390U 20130116; WO2014EP00114 20140116
AP - US201414761266 20140116
DT - **
CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
PA - SWISS SPA SYSTEM LTD [CN]; SWISS SPA SYSTEMS LTD [CN]
TI - HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT
AB - A hand-held device for electrically powered skin treatment is disclosed. The device includes a first outer electrode, a second outer electrode, and a plurality of rechargeable **batteries**. The plurality of **batteries** are disposed in a **compartment** where the **compartment** is covered by a shell-like housing **cover** and where an outside of the housing **cover** is a section of an exterior area of a device housing. The **compartment** is covered by a removable **compartment cover** where an inner side of the **compartment cover** is directed toward the plurality of **batteries** in the **compartment** and where a **connector** socket with at least two poles is disposed on an outer side of the **compartment cover**. The **compartment cover** is located within the housing **cover**. A charging circuit is coupled to the plurality of **batteries**.

10/24 © EPODOC / EPO

PN - [CN105007979](#) A 20151028
PNFP - CN105007979B B 20161207
PR - WO2014EP00114 20140116; DE20132000390U 20130116
AP - CN2014805090 20140116
DT - I
CT - || STSE (A)
[WO0103638](#) A1 20010118 [A] (DERMISPA GROUP INC [US])
[A] 1-10
* 全文 *;
[GB2390022](#) A 20031231 [A] (LOY KIERON [GB])
[A] 1-10
* 全文 *;
[CN1333697](#) A 20020130 [Y] (PROVENTURE LLC [HK])
[Y] 1-2
* 说明书第1页, 附图1-5、8A-8B *;
[CN101790443](#) A 20100728 [Y] (GILLETTE CO)
[Y] 1-2
* 说明书第[0003]段 *;
[WO2005087308](#) A1 20050922 [A] (PROVENTURE FAR EAST LTD [US], et al)
[A] 1-10
* 全文 *
CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
PA - (A)
SWISS SPA SYSTEM LTD
TI - (A)
HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT

AB - (A)
 A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

11/24 © EPODOC / EPO

PN - [CA2898003](#) A1 20140724
 PR - DE20132000390U 20130116; WO2014EP00114 20140116
 AP - CA20142898003 20140116
 DT - I
 CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
 CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
 PA - SWISS SPA SYSTEM LTD [CN]
 TI - HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT
 AB - A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

12/24 © EPODOC / EPO

PN - [AU2014207089](#) A1 20150730
 PNFP - AU2014207089B B2 20161124
 PR - DE20132000390U 20130116; WO2014EP00114 20140116
 AP - AU20140207089 20140116
 DT - I
 CT - || STSE (B2)
[WO2005087308](#) A1 20050922 [] (PROVENTURE FAR EAST LTD [US], et al)
 CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)
 CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)
 PA - (A1 B2)
 SWISS SPA SYSTEM LTD
 TI - (A1 B2)
 Hand-held device for electrically powered skin treatment
 AB - (A1 B2)
 A hand-held device for electrically powered skin treatment is presented in which an

electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

13/24 © EPODOC / EPO

PN - [WO2015157582](#) A1 20151015

PR - US201461978595P 20140411

AP - WO2015US25213 20150409

DT - *; Rep

CT - |EP| ISR (A1)

[US8682598](#) B2 20140325

[XYI] (CONNOLLY BRIAN

EDMOND [US], et al)

[X] 1,6-10,14,15,20

* column 5, line 30 -

column 6, line 20 *

* column 7, lines 3-11 *

* column 8, line 55 -

column 9, line 19 *

* column 11, lines 9-32 *

* column 14, line 46 -

column 15, line 3 *

* figures 1-4,6,9,10 *

[Y] 2-5,13,16-18

[I] 11,12,19;

[WO0152727](#) A1 20010726

[X] (MINIMED INC [US])

[X] 1,10,15

* page 9, line 3 - page 11,

line 30 *

* figures 1-4,7 *;

[US2007181425](#) A1 20070809

[Y] (KIM STEVEN [US])

[Y] 2,3,13,16-18

* paragraphs [0005] - [0010]

- [0035] , [0036] , [0046] -

[0049] *

* figures 1,2,7 *;

[US2010000862](#) A1 20100107

[Y] (RAO ANOOP [US])

[Y] 4,5

* paragraphs [0028] , [0043]

- [0045] *

* figures 1-3 *

CCI - [G01N33/48792](#) ; [G08C17/02](#)

PA - BAYERHEALTHCARELLC[US]

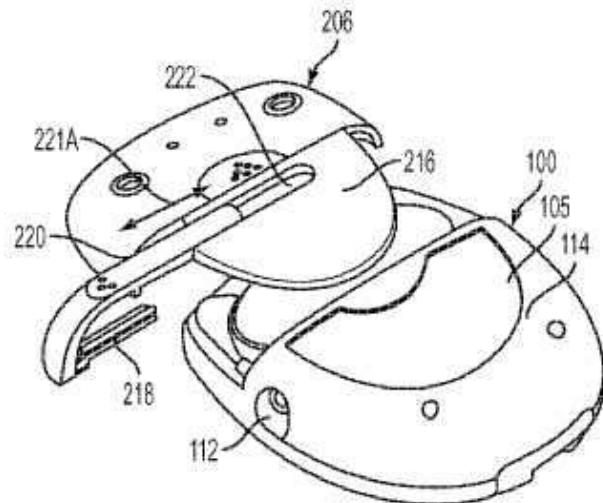


FIG. 2A

- TI - WIRELESSTRANSMITTER
ADAPTERSFOR BATTERY-
OPERATED BIOSENSOR
METERS AND METHODS OF
PROVIDING SAME
- AB - A wireless transmitter
adapter (206) can provide
wireless data transmission
capability to a battery-
operated biosensor meter
(100), such as a blood
glucose meter, originally
configured for hardwired
data downloads. In some
embodiments, the wireless
transmitter adapter (206) can
be configured to replace a
biosensor meter's
battery **cover** (106). The
wireless transmitter adapter
(206) can include wireless
transmitter circuitry (700),
a **connector** (218) configured
to be received in a biosensor
meter's communications port
(112) to electrically couple to
the meter's processor
circuitry (107), and one or
more electrical contacts
(625a, 625b) configured to
electrically couple to the
biosensor meter's one or
more **batteries** (102a, 102b)
to power the wireless
transmitter circuitry (700). In
other embodiments, the
wireless transmitter adapter
(206) can be configured to
surround at least a portion of
a biosensor meter (100) and
to include its own
battery **compartment** (804) to
separately provide power to
the wireless transmitter
circuitry (700). Methods of
providing a wireless
transmitter adapter (206) for
battery-operated biosensor
meters (100) are also
provided, as are numerous
other aspects.

PN - [CN204167389U](#) U 20150218

PR - CN20142699672U 20141120

AP - CN20142699672U 20141120

DT - I

PA - SHANDONG SHEENRUN OPTICS & ELECTRONICS CO LTD

TI - Embedded battery **compartment** structure

AB - The utility model discloses an embedded battery **compartment** structure. The embedded battery **compartment** structure comprises a battery **compartment**, a battery **compartment cover** and a power supply plate, wherein the battery **compartment** is internally provided with a cavity which is used for holding **batteries**; a probe **connector** is fixedly arranged on the power supply plate; the embedded battery **compartment** structure is characterized in that the battery **compartment** is fixedly connected with the inner surface of a shell of a night-vision device by virtue of a sealant; sealing bars matched with the battery **compartment cover** are arranged at the periphery of an opening of the battery **compartment**; a plurality of countersunk head screws used for connecting the shell of the night-vision device and the battery **compartment** are arranged at the periphery of the battery **compartment cover**; the battery **compartment** is internally provided with a probe fixing base which is connected with the probe **connector**; the output end of the battery is connected with the probe fixing base by virtue of a battery connection wire. According to the battery **compartment** structure, after the shell of the night-vision device is embedded in the battery **compartment**, the inner cavity of the night-vision device and the battery **compartment** are well sealed; the battery **compartment** structure is high in class of safety protection; the overall external structure of the night-vision device is not changed; the structure is simple and reasonable, prominent in beneficial effect and suitable for application.

15/24 © EPODOC / EPO

PN - [WO2014111260](#) A1 20140724

PR - DE20132000390U 20130116

AP - WO2014EP00114 20140116

DT - **

CT - |EP| ISR (A1)
[WO2005087308](#) A1 20050922 [DA] (PROVENTURE FAR EAST LTD [US], et al)
 [DA] 1-10
 * abstract *;
[GB2390022](#) A 20031231 [A] (LOY KIERON [GB])
 [A] 1-10
 * abstract *;
[WO0103638](#) A1 20010118 [A] (DERMISPA GROUP INC [US])
 [A] 1-10
 * the whole document *;
[US5514167](#) A 19960507 [A] (SMITH MARGARET M [US], et al)
 [A] 1-10
 * the whole document *

CCI - [A61H7/005](#) ; [A61H23/02](#) ; [A61N1/30](#) ; [A61N1/322](#) ; [A61N1/328](#)

CCA - [A61N1/26](#) ; [A61H2201/10](#) ; [A61H2201/5035](#) ; [A61H2201/5043](#)

PA - SWISS SPA SYSTEM LTD

TI - HAND-HELD DEVICE FOR ELECTRICALLY POWERED SKIN TREATMENT

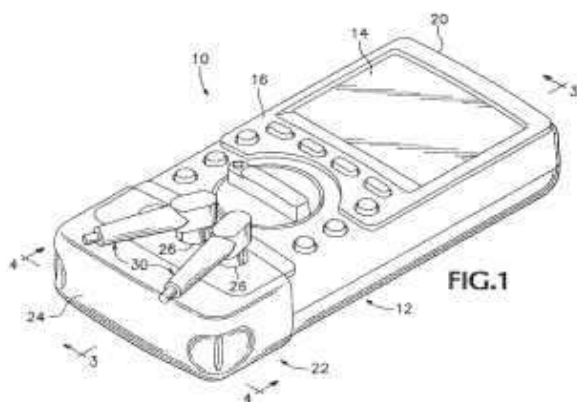
AB - A hand-held device for electrically powered skin treatment is presented in which an electrical current is guided into the skin via an electrode (3) so that active ingredients from a cream applied previously to the hand can better penetrate into the skin. The device is equipped with a charging circuit and rechargeable **batteries** (73) which are accommodated in a **compartment** (72) at the bottom of the device. This **compartment** (72) is covered by a **compartment cover** (77) on which a **connector** socket (82) is arranged which can be connected with an external power source for charging the **batteries** (73). A housing **cover** (75) is arranged over the **compartment cover** (77). The housing **cover** (75) is flush with the outer contour of the device housing.

16/24 © EPODOC / EPO

PN - [CN201204477Y](#) Y 20090304
 PR - CN20082117274U 20080508
 AP - CN20082117274U 20080508
 DT - I
 PA - WEIWEN XIE [CN]
 TI - Multifunctional power supply box
 AB - The utility model relates to a power box, more particularly a multifunctional power box with a battery **compartment** capable of placing a charging battery. The utility model comprises a power box body composed of an upper box **cover** and a lower box **cover** via a **connector**, both sides of the power box body is provided with wire inlets as a first power source, the power box body is provided with the battery **compartment** of the charging battery capable of placing a charging battery as a second power source, the battery **compartment** is connected with elements within the power box body via a circuit and is attached with a battery **compartment cover** to which the battery **compartment** fits. The power box is connected with an external power source via the wire inlets of the first power source and then transported to an wire outlet through the circuit for the purpose of normal operation, in the meantime, the **batteries** in the battery **compartment** can also be charged in order for power supply for the apparatus in the event of sudden power interruption of the first power source, thus guaranteeing normal operation of the apparatus.

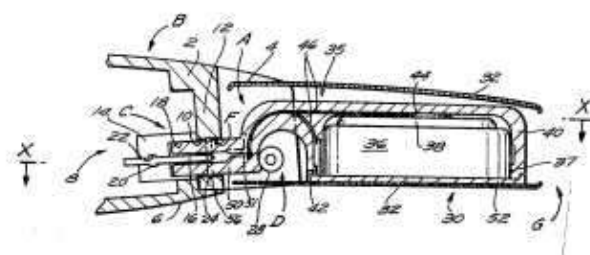
17/24 © EPODOC / EPO

PN - [US5834935](#) A 19981110
 PR - US19970820300 19970318
 AP - US19970820300 19970318
 DT - **
 CT - [US4492831](#) A []; [US5244411](#) A []
 CCI - [G01R1/04](#) ; [G01D11/24](#) ; [H01M2/1055](#) ; [H05K5/0086](#)
 CCA - [G01R15/12](#)
 PA - TEKTRONIX INC [US]
 TI - Hand held instrument with safety locked battery **compartment**
 AB - An electronic instrument with



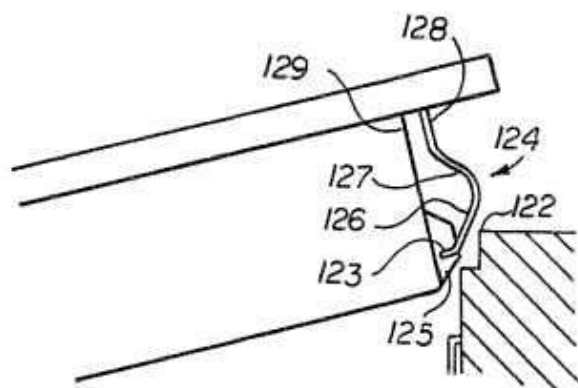
a housing having a battery **compartment**. The housing has a probe **connector** oriented on a probe axis, so that a probe may be connected to the instrument via the **connector** for interfacing with a device under test. A removable battery **cover** encloses the battery **compartment**, and has a probe aperture registered with the probe **connector**, so that a probe may be connected when the battery **cover** is installed. To prevent removal of the battery **cover** when a probe is connected to the probe **connector**, the battery **cover** is constrained against movement along the probe axis. In addition, the battery **cover** may contain a conductive safety element necessary to complete a circuit between the battery and other components in the instrument, so that the **batteries** are capable of delivering power only when the **cover** is properly installed.

- 18/24** © EPODOC / EPO
- PN - [US3973706](#) A 19760810
- PR - US19740537171 19741230
- AP - US19740537171 19741230
- DT - *
- CT - [GB880121](#) A []; [US2189096](#) A [];
[US3018614](#) A []; [US3681587](#) A [];
[US3788059](#) A []
- CCI - [G04C10/00](#) ; [H01M2/1044](#)
- PA - JACOBY BENDER
- TI - Connection from watchband-carried battery to electronic watch
- AB - An electronic watch with watchband-carried **batteries** in which an electrical



conductor completes the circuit from battery to watch. A standard, removably fastened watch part is used to securely fasten the conductor to the watch case. In one embodiment an electrical **connector** is inserted through a passage in the watch case and is firmly seated between the spring bar and a corresponding **connector** attached inside the watch case. In the other embodiment the conductor fits in a passage between the watch case and back **cover** while the back **cover** presses an angled **connector** into firm engagement with the internal **connector**. A battery **compartment**, the conductor and the **connector** are joined in a molded case for added durability and reliability as well as ease of replacement.

19/24 © EPODOC / EPO
 PN - [US5506488](#) A 19960409
 PR - US19950464314
 19950605; US19930111929
 19930826; US19930027181
 19930305; US19920887479
 19920522; US19910793122
 19911118
 AP - US19950464314 19950605
 DT - **
 CT - [US4123598](#) A []; [US4161568](#)
 A [];
[US4205121](#) A []; [US4321523](#)
 A [];
[US4532194](#) A []; [US4558270](#)
 A [];
[US4590943](#) A []; [US5019767](#)
 A [];
[US5061579](#) A []; [US5136229](#)
 A [];
[US5172043](#) A []; [US5192904](#)
 A [];
[US5225760](#) A []; [US5260636](#)



	A [];
	US5426358 A []; JPS5411119
	A [];
	JPS577178 A []; JPS6333571
	A []
CCI	- H01M2/1055 ; H01M2/20
TI	- Rechargeable power pack for use in devices powered by multiple batteries
AB	- A rechargeable power pack is shaped and dimensioned to be inserted in the battery compartment of an electrical device. The top of the power pack is exactly symmetrical with the battery compartment cover which it replaces. The power pack houses rechargeable power cells, and has a peripheral wall spaced apart from the sides of the battery compartment mounting the battery contact terminal. Flexible prongs project from the peripheral walls to provide a wiping contact with either a spiral spring negative terminal or a stationary positive terminal of the compartment . A top mounted connector allows recharging of the power pack even while in use on the electrical device. Baffles mounted astride each flexible prong avert damage to the prong during insertion of the power pack into the battery compartment .

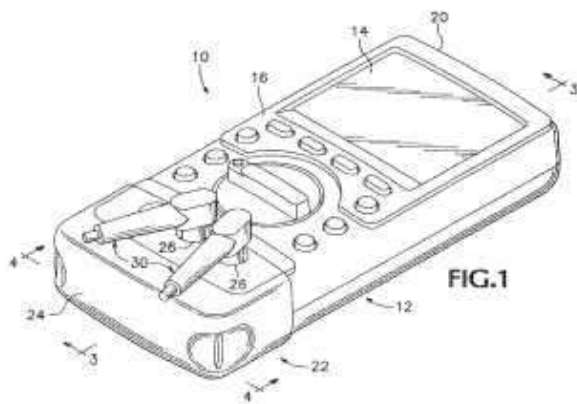
20/24 © EPODOC / EPO

PN	- RU2280595 C1 20060727
PR	- RU20050102851 20050126
AP	- RU20050102851 20050126
DT	- I
PA	- ZARECHE AOZT [RU]
TI	- ELECTRIC POWER INSTALLATION
AB	- FIELD: electrical engineering, applicable for starting of engines and maintenance, for example, of helicopters on airfields as a source of electric supply. ^ SUBSTANCE: the electric power installation has a DC generator with a drive internal combustion

engine, at least two storage **batteries**, charging units, power supply unit and switching units. The installation is provided with an electric power cable for supply from an outer AC source connected to the power supply unit and charging devices via the switching unit, and an electric socket for power take-off from the AC generator for maintenance of the helicopter. The installation is made in a body divided into two compartments, one of them - accommodates the interconnected AC generator and the drive internal combustion engine installed on a frame, and the other is divided into two closed sections, positioned in the lower one are the storage **batteries** connected to the switching unit, and in the upper one - two charging units and the power supply unit, with the installation control unit placed above it. The control console is protected from the environment by an organic glass plate. The storage **batteries** are positioned in containers made on sleds, and the containers are provided with plug connectors used for connection of the storage **batteries** to the switching unit. The installation is provided with one more plug **connector** for take-off of DC power for ground maintenance of the helicopter on-board control systems. The power electric cable for installation supply from the outer AC power source is positioned on the handles of the rear wall of the double-section body. The power electric cable for take-off of DC power for starting of gas-turbine engines is positioned on the handles of the **cover** of the body engine **compartment**. The installation is mounted on a wheeled chassis, in front on one support with a telescopic folding pole in an eye between the wheels turning in the horizontal plane, and the pole - in the vertical plane fastened by a bracket on the body. ^ EFFECT: enhanced mobility and reliability in operation of the power installation. ^ 14 cl, 3 dwg

21/24 © EPODOC / EPO

- PN - [EP0866509](#) A2 19980923
 PNFP - EP0866509 A3 19990714
 PR - US19970820300 19970318
 AP - EP19980301590 19980304
 DT - *; Rep
 CT - || STSE (A3)
[EP0709685](#) A1 19960501
 [XY] (GEN ELEKTRONIK GMBH [DE])
 [X] 1-6,14-18
 * column 1, line 1 - line 26 *
 * column 3, line 4 -
 column 4, line 41; figure 1 *
 [Y] 7-12,19;
[US5287013](#) A 19940215
 [Y] (ADAIR GARY E [US])
 [Y] 7-12,19
 * column 1, line 18 - line 45
 *
 * column 3, line 18 -
 line 43; figures 3,4 *;
[EP0366507](#) A1 19900502
 [X] (ITT COMPOSANTS INSTR [FR])
 [X] 1-6,14-18
 * column 2, line 1 - line 30 *

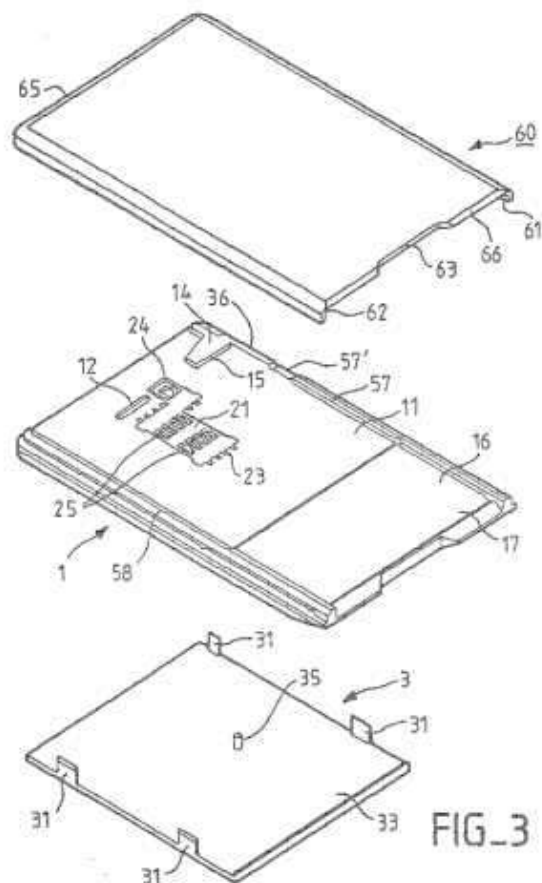


* column 5, line 34 -
line 58; figure 7 *;
[US4176315](#) A 19791127
[A] (SUNNARBORG EARL D [US])
[A] 7,10,19
* column 3, line 56 -
column 4, line 27; figures
1,5,6 *;
[US3881961](#) A 19750506
[A] (NATION MELVIN STANLEY)
[A] 13,20
* figure 2 *

- CCI - [G01R1/04](#) ; [G01D11/24](#) ;
[H01M2/1055](#) ; [H05K5/0086](#)
- CCA - [G01R15/12](#)
- PA - (A2 A3)
TEKTRONIX INC [US]
- TI - (A2 A3)
Hand held instrument with
safety locked
battery **compartment**
- AB - (A2)
An electronic instrument with
a housing having a
battery **compartment**. The
housing has a
probe **connector** oriented on
a probe axis, so that a probe
may be connected to the
instrument via the **connector**
for interfacing with a device
under test. A removable
battery **cover** encloses the
battery **compartment**, and
has a probe aperture
registered with the
probe **connector**, so that a
probe may be connected when
the battery **cover** is installed.
To prevent removal of the
battery **cover** when a probe is
connected to the
probe **connector**, the
battery **cover** is constrained
against movement along the
probe axis. In addition, the
battery **cover** may contain a
conductive safety element
necessary to complete a
circuit between the battery
and other components in the
instrument, so that

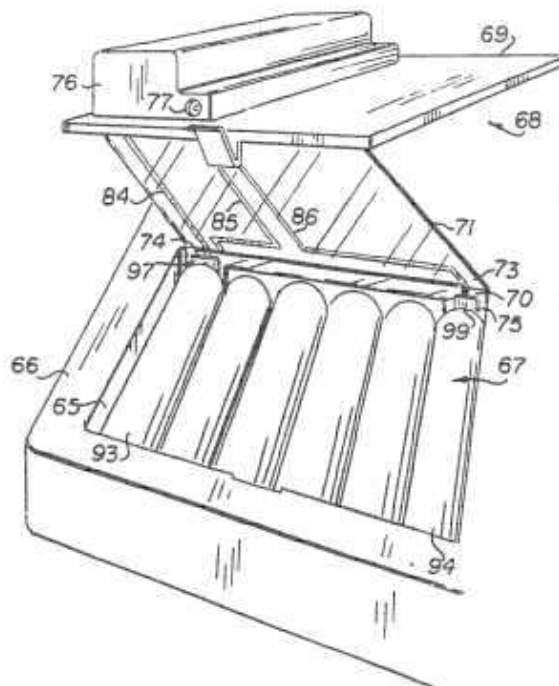
the **batteries** are capable of delivering power only when the **cover** is properly installed. <IMAGE>

- 22/24** © EPODOC / EPO
- PN - [EP0675456](#) A1 19951004
- PNFP - EP0675456 B1 20010523
- PR - FR19940003265 19940321
- AP - EP19950400412 19950227
- DT - *; Rep
- CT - || STSE (A1)
[EP0274288](#) A1 19880713
 [XAY] (SCHLUMBERGER IND SA [FR])
 [X] 1,2
 * column 4, line 15 - column 5, line 51; figures 3,6 *
 [A] 4
 [Y] 3;
[FR2687238](#) A1 19930813
 [Y] (GEMPLUS CARD INT [FR])
 [Y] 3
 * abstract *;
[EP0480334](#) A1 19920415 [A] (CIT ALCATEL [FR])
 [A] 1,3,5
 * the whole document *;
[DE3642424](#) A1 19870619
 [A] (SHARP KK [JP])
 [A] 1,6
 * column 3, line 31 - line 38; figure 1 *;
[EP0274302](#) A1 19880713
 [A] (SCHLUMBERGER IND SA [FR])
 [A] 1,2
 * the whole document *
- CCI - [G06K7/0021](#)
- PA - (A1 B1)
 FRAMATOME CONNECTORS INT [FR]
- TI - (A1)
 Casing for IC-card reader.
 - (B1)
 Casing for IC-card reader
- AB - (A1)
 The portable smart card reader has a box, an electronic circuit fixed in the box, a guide and retainer for the card and a **connector** with elastic blades



<IMAGE>

AB



dimensioned to be inserted in the battery **compartment** of an electrical device. The top (32) of the power pack is exactly symmetrical with the battery **compartment cover** which it replaces. The power pack has a peripheral wall (36) spaced apart from the sides of the battery **compartment** mounting the battery contact terminals. Flexible prongs (45, 46) project from the peripheral walls (36) to provide a wiping contact with either a spiral spring negative terminal or a stationary positive terminal. A top mounted **connector** (52) allows recharging of the power pack either during or after operation of the electrical device. An alternate embodiment combines a set of NiCad rechargeable **batteries** and a **cover** assembly including an additional battery station to compensate for lower rated voltage of NiCad power cells, a recharging **connector** and associated current limiting circuit, and a flexible conductor with terminals specially adapted for insertion between the battery poles and the corresponding terminals. <IMAGE>

24/24 © EPODOC / EPO

PN - [CA2082907](#) A1 19930519
 PNFP - CA2082907 C 19980421
 PR - US19910793122 19911118; US19920887479 19920522
 AP - CA19922082907 19921113
 DT - I
 CCI - [H01M2/1055](#) ; [H01M2/20](#)
 PA - (A1 C)
 LEISERSON STEVEN G [US]
 TI - (A1 C)
 RECHARGEABLE POWER PACK

AB

- (C)

A rechargeable power pack is shaped and dimensioned to be inserted in the battery **compartment** of an electrical device. The top of the power pack is exactly symmetrical with the battery **compartment cover** which it replaces. The power pack houses rechargeable power cells, and has a peripheral wall spaced apart from the sides of the battery **compartment** mounting the battery contact terminals. Flexible prongs project from the peripheral walls to provide a wiping contact with either a spiral spring negative terminal or a stationary positive terminal of the **compartment**. A top mounted **connector** allows recharging of the power pack either during or after operation of the electrical device. An alternate embodiment of the invention combines a set of NiCad rechargeable **batteries** and a **cover** assembly including an additional battery station to compensate for lower rated voltage of NiCad power cells, a recharging **connector** and associated current limiting circuit, and a flexible conductor with terminals specially adapted for insertion between the battery poles and the corresponding terminals of the **compartment**.

[SS 9]