



New connection on: : 14-03-2018 : 00:34:07 - Last disconnection on: : 14-03-2018 : 00:34:07

V4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 25] Location and ECG and coil+ and electrode and catheter

Results in EPODOC **0**

[SS 26] location and catheter

Results in EPODOC **4.087**

[SS 27] 26 and ECG

Results in EPODOC **86**

[SS 28] 28 and coli

Non-existent or invalid SS number(s).

- Check with the command `..HI`. When searching for numbers, use quotes e.g. `"4" W WHEEL?` *ERROR (-100803)*

[SS 28] 27 and coil

Results in EPODOC **2**

[SS 29] ..

Unknown command or preparation. [More info](#) *ERROR(-104000)*

[SS 29] ..v

[EPODOC: SS 29] 26 and coil

Results in EPODOC **172**

[SS 30] 29 and wireless

Results in EPODOC 3

[SS 31] ..v

[EPODOC: SS 31] 29

Results in EPODOC 172

[SS 32] ..v

[EPODOC: SS 32] 31 and hous+

Results in EPODOC 1

[SS 33] 29 and hous+

Results in EPODOC 1

[SS 34] 29 and mobile

Results in EPODOC 0

[SS 35] 29 and steri+

Results in EPODOC 2

[SS 36] ..v

[EPODOC: SS 36] ..li

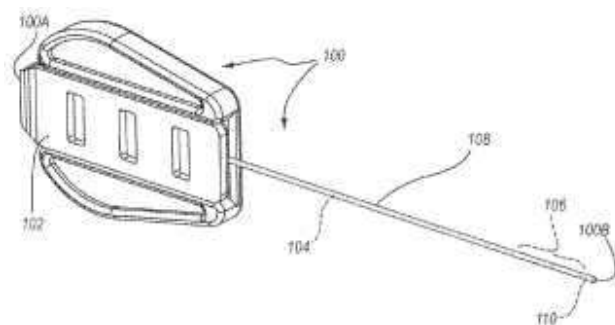


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PN - [US2014303492](#) A1 20141009

PNFP - US9526440 B2 20161227

PR - US201414309511
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20100302; US20090426175
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AP	- US201414309511 20140619
DT	- **
CT	- R141 (A1) US8351961 B2 20130108 [] (OLBERS ROBERT L [US], et al) - STSE (B2) US8351961 B2 20130108 [] (OLBERS ROBERT L [US], et al)
CCI	- A61B8/0833 ; A61B8/0841 ; A61B8/4472 ; A61B5/042 ; A61B5/05 ; A61B5/06 ; A61B5/062 ; A61B46/00 ; A61B90/40 ; A61B34/20
CUI	- A61B8/12 ; A61B8/4263 ; A61B8/4422 ; A61B5/0833
CCA	- A61B2034/2051 ; A61B2090/378
PA	- (A1) BARD INC C R [US] - (B2) BARD INC C R [US]; BARD INC C R [US]
TI	- (A1) System for Placement of a Catheter Including a Signal- Generating Stylet - (B2) System for placement of a catheter including a signal- generating stylet
AB	- (A1 B2) An integrated catheter placement system for accurately placing a catheter within a patient's vasculature is disclosed. In one embodiment, the integrated system comprises a system console, a tip location sensor unit for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a field produced by a stylet disposed in a lumen of the catheter when the catheter

is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to introduction of the **catheter**. ECG signal-based **catheter** tip guidance is included to enable guidance of the **catheter** tip to a desired position with respect to a node of the patient's heart. The stylet includes an electromagnetic **coil** that can be operably connected to the sensor unit and/or console through a **sterile** barrier without compromising the barrier. The stylet can also be wirelessly connected to the sensor unit and/or console.

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PN - [US2010204569](#) A1 20100812

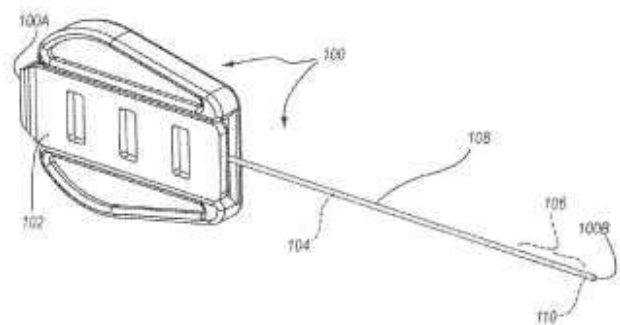
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AP - US20100715556 20100302

DT - *; Rep

CT - || R141 (A1)
[US2006173407](#) A1 20060803 [
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[US2008009720](#) A1 20080110 [
] (SCHEFELKER RICHARD W [US],
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[US2006025677](#) A1 20060202 [
] (VERARD LAURENT G [US], et al);
[US5840024](#) A 19981124 [
] (TANIGUCHI AKIRA [JP], et al);
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] (CHILDRESS IRA N [US], et al);
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] (BLAKE LARRY W [US], et al);
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] (BRESLER ROBERT G [US]);
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] (RICHARDSON PAUL C A [GB],
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[US4469106](#) A 19840904 [
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] (BLOOD ERNEST B [US]);
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] (WOOD ROGER [US]);
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] (PIDORENKO JOHN [US], et al);
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] (LYNCH ARTHUR S [US], et al);
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CCI	- A61B8/0833 ; A61B8/0841 ; A61B8/4472 ; A61B5/042 ; A61B5/05 ; A61B5/06 ; A61B5/062 ; A61B46/00 ; A61B90/40 ; A61B34/20
CUI	- A61B8/12 ; A61B8/4263 ; A61B8/4422 ; A61B5/0833
CCA	- A61B2034/2051 ; A61B2090/378
PA	- (A1) BARD INC C R [US] - (B2) BURNSIDE EDDIE K [US]; MESSERLYSHAYNE [US]; BARD INC C R [US]
TI	- (A1) SYSTEM FOR PLACEMENT OF A CATHETER INCLUDING A SIGNAL-GENERATING STYLET - (B2) System for placement of a catheter including a signal- generating stylet
AB	- (A1 B2) An integrated catheter placement system for accurately placing a catheter within a patient's vasculature

is disclosed. In one embodiment, the integrated system comprises a system console, a tip **location** sensor unit for temporary placement on the patient's chest, and an ultrasound probe. The tip **location** sensor senses a field produced by a stylet disposed in a lumen of the **catheter** when the **catheter** is disposed in the vasculature. The ultrasound probe ultrasonically images a portion of the vasculature prior to introduction of the **catheter**. ECG signal-based **catheter** tip guidance is included to enable guidance of the **catheter** tip to a desired position with respect to a node of the patient's heart. The stylet includes an electromagnetic **coil** that can be operably connected to the sensor unit and/or console through a **sterile** barrier without compromising the barrier. The stylet can also be wirelessly connected to the sensor unit and/or console.