

Diego Gonzalez

Search history

Search ECG and steril* and hous* and electrode (Results 855)

1:

Search ECG and steril* and hous* and electrode and (protec* or safe) (Results 697)

2:

Search ECG and steril* and hous* and electrode and (protec* or safe) and medical (Results 638)

3:

Search STAC=(ECG and steril* and hous* and electrode) (Results 16)

4:

Search [SP]: 1. a medical device placement system, comprising: a paddle comprising at least one tracking coil and a device wireless transceiver at least one electrocardiogram electrode and a peripherally inserted central catheter comprising a catheter tip and a stylet, wherein the paddle is configured to communicate wirelessly by passing electrocardiograph data and catheter tip location data between the device wireless transceiver and a remote mobile device. 2. the medical device placement system as recited in claim 1, further comprising: the remote mobile device comprising a mobile wireless transceiver. 3. the medical device placement system as recited in claim 1, the paddle further comprising at least one electrocardiogram electrode housing, wherein the at least one electrocardiogram electrode housing is configured to house the at least one electrocardiogram electrode. 4. the medical device placement system as recited in claim 3, the at least one electrocardiogram electrode housing further comprising at least one shield piece wherein the at least one shield piece is configured to protect the at least one electrocardiogram electrode when housed within the at least one electrocardiogram electrode housing. 5. the medical device placement system as recited in claim 3, wherein the at least one electrocardiogram electrode housing further comprising at least one sterile cover wherein the at least one sterile cover is configured to cover the at least one electrocardiogram electrode when not housed in the at least one electrocardiogram electrode housing. 6. the medical device placement system as recited in claim 3, wherein the at least one electrocardiogram electrode and the at least one electrocardiogram electrode housing are configured to be modular and replaceable. 7. the medical device placement system as recited in claim 1, wherein the paddle and the at least one electrocardiogram electrode are connected by at least one electrocardiogram wire. 8. the medical device placement system as recited in claim 7, the paddle further comprising at least one electrocardiogram input port, wherein the at least one electrocardiogram electrode is connected to the at least one electrocardiogram input port by the at least one electrocardiogram wire. 9. the medical device placement system as recited in claim 1, wherein the paddle and the at least one electrocardiogram electrode are configured to communicate wirelessly. 10. the medical device placement system as recited in claim 1, wherein the paddle and the peripherally inserted central catheter are connected by at least one peripherally inserted central catheter wire. 11. the medical device placement system as recited in claim 1, wherein the paddle and the peripherally inserted central catheter are configured to communicate wirelessly. 12. the medical device placement system as recited in claim 1, wherein the remote mobile device is configured to capture and display a snapshot of electrocardiograph data generated from the at least one electrocardiogram electrode. 13. the medical device placement system as recited in claim 1, wherein the remote mobile device is configured to capture and display a snapshot of electrocardiograph data generated from the stylet. 14. the medical device placement system as recited in claim 1, wherein the remote mobile device is configured to capture and display a snapshot of catheter tip location data generated from the at least one tracking coil. 15. the medical device placement system as recited in claim 1, wherein the mobile device is configured to be controlled through a touch screen. 16. a method of using a medical device placement system, comprising: providing a medical device placement system, comprising a paddle comprising at least one tracking coil and a device wireless transceiver at least one electrocardiogram electrode a peripherally inserted central catheter comprising a catheter tip and a stylet and a mobile device comprising a mobile wireless transceiver, wherein the paddle and the mobile device are configured to communicate wirelessly by passing data between the device wireless transceiver and the mobile wireless transceiver identifying an insertion site on a patient placing the paddle on the chest over a heart on the patient adhering at least one electrocardiogram electrode to the patient inserting a peripherally inserted central catheter into the patient through the insertion site pushing the peripherally inserted central catheter towards the heart via a superior vena cava of the patient automatically and wirelessly transmitting catheter tip location data from the medical device placement system to the mobile device automatically and wirelessly transmitting ecg data from the medical device placement system to the mobile device displaying the location data and the ecg data on the mobile device and utilizing the catheter tip location data displayed on the mobile device to position the catheter. (Results 0)

Search STAC=(ECG and hous* and electrode and protec*) (Results 48)

6:

Search medic* and ECG and catheter and location and electrode (Results 2316)

7:

Search STAC=(medic* and ECG and catheter and location and electrode) (Results 36)

8:

Search STAC=(medic* and ECG and catheter and location and electrode and hous*) (Results 6)

9:

Title: **MEDICAL** DEVICE PLACEMENT SYSTEM AND A METHOD FOR ITS USE

Abstract: Source: US2015282734A [EN] A system and method for **locating** a **medical** device within a body uses wireless technology to transmit the information obtained from the sensors to a mobile device or other computing system. A software application on the mobile device or computing system can be used to display the information, wherein the user can control the display without needing to contact any items that are not sterile.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/0215 A61B5/0402

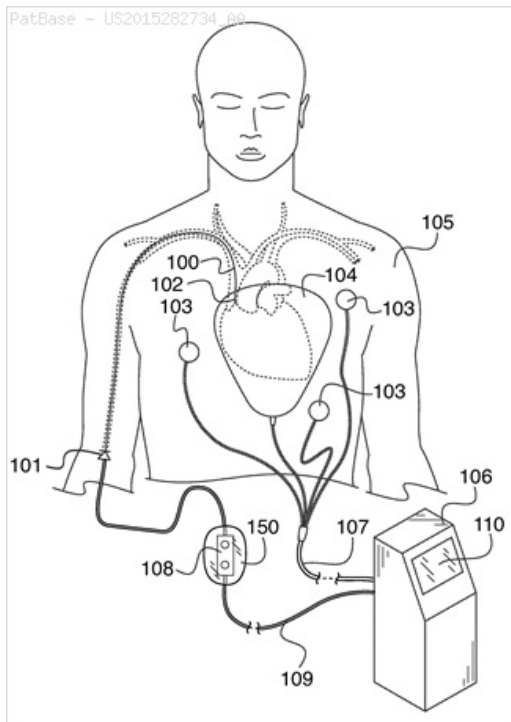
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A61B5/06 A61M25/01 A61M25/095 (Advanced/Invention)

CPC: A61B5/062 A61B5/0402 A61B5/742 A61B5/0006 A61B5/002

A61B5/04085 A61B5/04286 A61B5/042 A61B2562/247

US: 600/424



Family:

Publication number	Publication date	Application number	Application date
CA2945306 AA	20161007	CA20152945306	20150408
CN107072570 A	20170818	CN201580030425	20150408
CO20160003864 A2	20170209	CO20160003864	20161104
EP3128906 A1	20170215	EP20150777248	20150408
EP3128906 A4	20171122	EP20150777248	20150408
IN201627037999 A	20170908	IN201627037999	20161107
JP2017515623 T2	20170615	JP20170504605T	20150408
MX2016013152 A1	20171214	MX20160013152	20150408
US2015282734 AA	20151008	US20140557948	20141202
WO15157398 A1	20151015	WO2015US24893	20150408

Priority:

US20140557948 20141202 US20140976891P 20140408 WO2015US24893 20150408

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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

Title: METHODS AND APPARATUS FOR INTRAPULMONARY THERAPY AND DRUG ADMINISTRATION

Abstract: Source: US5803078A [EN] An endotracheal **catheter** assembly and method for deep intrapulmonary, aerosol delivery of liquid drugs and other liquid therapeutic agents. The invention can deliver a bolus dose of liquid drugs into the lungs of a patient which is at least bioequivalent in terms of physiological effect to a similar drug dose delivered intravenously. The **catheter** assembly includes a first, gas-bearing tube and a second, liquid bearing tube, preferably concentrically nested within the gas-bearing tube. The tubes are inserted in an airway of the patient, preferably by threading the tubes into a lumen of an endotracheal tube, to position a terminal nozzle formed by distal tips of the tubes near a carina of the patient. At the nozzle, the lumen of the first tube has a comparative cross-sectional area relative to that of the second tube's lumen of between about 0.4:1.0 and 4.0:1.0. In operation, high velocity gas is forced from the first tube and impacts liquid expelled from the second tube at a high velocity gas/liquid interface, deforming the liquid into an aerosol and propelling it deep within the lungs of the patient.

Classifications:

International (ipc 8-9): A61M16/00 A61M16/04

A61M25/088 (Advanced/Invention);

A61M11/06 A61M16/14 (Advanced/Non-invention);

A61M16/00 A61M16/04 (Core/Invention);

A61M11/06 A61M16/10 (Core/Non-invention)

International (ipc 1-7): A61M16/00 A61M16/04 A61M25/088

CPC: Y10S128/911 Y10S128/912 A61M16/0484 A61M16/04

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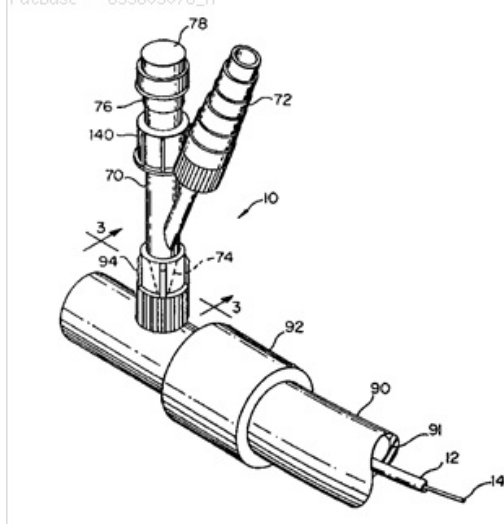
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US: 124/207.14 128/200.14 128/207.14 128/911 128/912

PatBase - US5803078_R



Family:

Publication number	Publication date	Application number	Application date
AT189857 E	20000315	AT19950918956T	19950508
CA2190196 AA	19980513	CA19962190196	19961113
DE69515170 D1	20000330	DE19956015170	19950508
DE69515170 T2	20000621	DE19956015170T	19950508
EP0758257 A1	19970219	EP19950918956	19950508
EP0758257 B1	20000223	EP19950918956	19950508
US5803078 A	19980908	US19950451733	19950526
WO9530448 A1	19951116	WO1995US05536	19950508

Priority:

CA19962190196 19961113 US19940239241 19940506 WO1995US05536 19950508
US19950451733 19950526 US19940282900 19940729

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Agent(s): SMART AND BIGGAR

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

Title: DEVICES AND SYSTEMS FOR NAVIGATION AND POSITIONING A CENTRAL VENOUS **CATHETER** WITHIN A PATIENT

Abstract: Source: US2015080762A [EN] Devices and systems for navigation and positioning a central venous **catheter** within a patient. In an exemplary embodiment of a system of the present disclosure, the system comprises a first pole and a second pole, the first pole and the second pole configured to generate an electric field within a mammalian body sufficient to obtain a plurality of field measurements therein, and an elongated body configured for at least partial insertion into a blood vessel of the mammalian body and advancement through a vasculature, said advancement dependent upon the plurality of field measurements indicative of one or more **locations** of a portion of the elongated body within the vasculature. In at least one embodiment, the elongated body is configured as a stylet.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/02 A61B5/04 A61B5/0402

A61B5/0408 A61B5/0478 A61B5/0492 A61B5/05 A61B5/06

A61B5/107 A61M25/00 A61M25/01 A61M25/09

A61N1/08 (Advanced/Invention)

CPC: A61B5/6852 A61M2025/0008 A61M25/0017 A61B5/1076

A61B5/062 A61B5/6847 A61M25/0105 A61B5/04 A61B5/02028

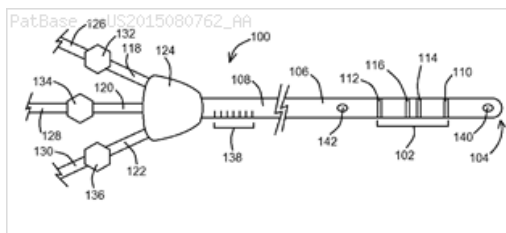
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A61B8/0841 A61M25/09 A61M2025/0166 A61B2034/2048

A61B2034/2051 A61B5/063

US: 600/409 600/585 606/108



Family:

Publication number	Publication date	Application number	Application date
AU2013243252 AA	20131010	AU20130243252	20130405
AU2013243252 BB	20170406	AU20130243252	20130405
CA2864860 AA	20140815	CA20132864860	20130405
CN104427930 A	20150318	CN201380018999	20130405
CO7111291 A2	20141110	CO20140244362	20141105
EP2833786 A1	20150211	EP20130772981	20130405
EP2833786 A4	20151111	EP20130772981	20130405
JP2015516846 T2	20150618	JP20150504762T	20130405
MX2014011884 A1	20141121	MX20140011884	20130405
US2015080762 AA	20150319	US20130394204	20130405
US2015297113 AA	20151022	US20150752697	20150626
US2016067449 AA	20160310	US20150848331	20150908
WO13152335 A1	20131010	WO2013US35527	20130405
WO16040394 A1	20160317	WO2015US49043	20150908

Priority:

US20120620872P 20120405	US20130394204 20130405	US20130776655P 20130311
US20150752697 20150626	US20140394204 20141013	US20140047526P 20140908
WO2013US35527 20130405	US20150848331 20150908	

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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

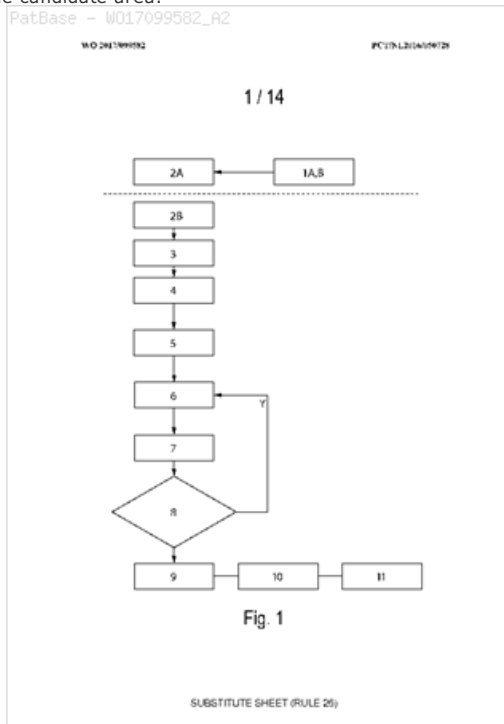
Title: HEART CONDITION DETERMINATION METHOD, ROBOT CONTROL AND SYSTEM

Abstract: The present invention relates to a method, such as implemented on a computer, for performing of a **location** determination for determining of a candidate area of a heart disorder, such as a PVC (premature ventricular contraction) causing part of the heart muscle, while applying information from an **ECG** device and a processing unit: - obtaining a torso model and or a hard model of a subject, -for the purpose of determining **locations**, determining of an origin in the hearts model and torso model, such as in the proximity of the center of the heart, - obtaining the **location** information relating to a number of **ECG electrodes** relative to the torso model and or hearts model of the subject, - based on the **location** information in the torso model and/or heart model, positioning of the number of **ECG electrodes**, - obtaining of **electrode** measuring information, such as embodied by means of **electrode** vector, related to respective distinct **ECG electrodes**, - constructing weighted, such as preferably normalized, vector is based on **electrode** measuring information while applying a predetermined **ECG** feature, - relating the weighted vectors to the origin and the respective **electrodes**, - based on the weighted vectors relative to the said origin, constructing of an initial anatomical feature vector determining an initial anatomical feature geography and determining a direction towards the candidate area.

Classifications:

International (IPC 8-9): A61B5/0468 (Advanced/Invention)

CPC: A61B5/0468 A61B5/04011 G16H50/50



Family:

Publication number	Publication date	Application number	Application date
WO17099582 A2	20170615	WO2016NL50728	20161021
WO17099582 A3	20170928	WO2016NL50728	20161021
WO17099582 A9	20170824	WO2016NL50728	20161021

Priority:

NL20152015642 20151021

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Agent(s): HOEBEN FERDINAND EGON

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 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

Title: INTEGRATED SYSTEM FOR INTRAVASCULAR PLACEMENT OF A CATHETER

Abstract: Source: US2009156926A [EN] 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 for temporary placement on the patient's chest, and an ultrasound probe. The tip location sensor senses a magnetic field of 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 intravascular introduction of the catheter. The ultrasound probe includes user input controls for controlling use of the ultrasound probe in an ultrasound mode and use of the tip location sensor in a tip location mode. In another embodiment, ECG signal-based catheter tip guidance is included in the integrated system to enable guidance of the catheter tip to a desired position with respect to a node of the patient's heart.

Classifications:

International (IPC 8-9): A61B A61B10/02 A61B10/06 A61B17/34 A61B19/00 A61B19/08 A61B19/10 A61B34/00 A61B34/10 A61B34/20 A61B46/00 A61B46/10 A61B5/00 A61B5/04 A61B5/0402 A61B5/0408 A61B5/042 A61B5/044 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/055 A61B5/06 A61B5/083 A61B6/00 A61B8/00 A61B8/08 A61B8/12 A61B8/13 A61B8/14 A61B90/00 A61B90/11 A61B90/40 A61B90/98 A61M25/00 A61M25/01 A61M25/06 A61M25/09 A61M25/095 A61M37/00 A61M5/32 A61N1/00 (Advanced/Invention); A61B17/00 A61B17/34 A61B19/00 A61B19/08 A61B34/20 A61B46/00 A61B5/00 A61B5/042 A61B5/06 A61B6/03 A61B6/12 A61B8/00 A61B8/08 A61B90/00 A61B90/40 A61M25/00 A61M25/01 A61M39/02 (Advanced/Non-invention); A61B19/00 A61B5/00 A61B5/0402 A61B5/0408 A61B5/05 A61B5/055 A61B8/00 A61M25/00 A61M25/01 A61M5/32 (Core/Invention)

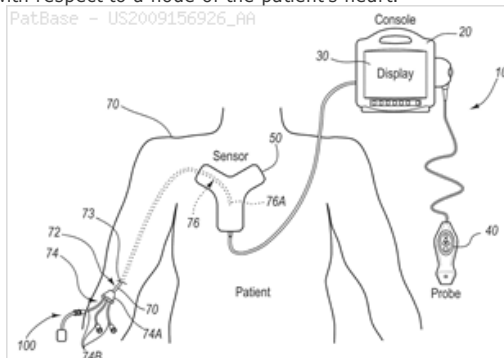
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Family:

Publication number	Publication date	Application number	Application date
AU2008329807 AA	20090604	AU20080329807	20081125
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CN103379853 B	20160420	CN201180068309	20111223
CN103635146 A	20140312	CN201280033189	20120706
CN103635146 B	20160330	CN201280033189	20120706
CN103750858 A	20140430	CN201410009216	20081125
CN103750858 B	20170412	CN201410009216	20081125
CN104853799 A	20150819	CN201380065663	20131015
CN104887265 A	20150909	CN201510144728	20090417
CN104936516 A	20150923	CN201380051172	20130927
CN105072989 A	20151118	CN201480010988	20140307
CN105662402 A	20160615	CN201610127217	20120706
CN105796177 A	20160727	CN201610166569	20111223
DE602008030688 D1	20140417	DE200860030688T	20081125
DE602008040477 D1	20151112	DE200860040477T	20081125
DE602008050163 D1	20170614	DE200860050163T	20081125
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DE602009026868 D1	20141030	DE200960026868T	20090821
DE602009034396 D1	20151203	DE200960034396T	20090910
EP2219526 A2	20100825	EP20080855396	20081125
EP2219526 A4	20120829	EP20080855396	20081125
EP2219526 B1	20140305	EP20080855396	20081125
EP2265175 A2	20101229	EP20090743249	20090417
EP2265175 A4	20160309	EP20090743249	20090417
EP2265175 B1	20170823	EP20090743249	20090417
EP2313143 A1	20110427	EP20090808901	20090821
EP2313143 A4	20120620	EP20090808901	20090821
EP2313143 B1	20140924	EP20090808901	20090821
EP2337491 A1	20110629	EP20090813632	20090910
EP2337491 A4	20120801	EP20090813632	20090910
EP2337491 B1	20151021	EP20090813632	20090910
EP2482719 A1	20120808	EP20100821193	20100929
EP2482719 A4	20160309	EP20100821193	20100929
EP2517622 A2	20121031	EP20120177438	20100929
EP2517622 A3	20130424	EP20120177438	20100929
EP2575610 A1	20130410	EP20110787515	20110527
EP2575610 A4	20151209	EP20110787515	20110527
EP2575611 A1	20130410	EP20110787527	20110527
EP2575611 A4	20151118	EP20110787527	20110527
EP2654559 A1	20131030	EP20110850625	20111223
EP2654559 A4	20170719	EP20110850625	20111223
EP2712547 A1	20140402	EP20130194818	20081125
EP2712547 B1	20150930	EP20130194818	20081125
EP2729073 A1	20140514	EP20120807886	20120706
EP2729073 A4	20150311	EP20120807886	20120706
EP2900131 A2	20150805	EP20130840356	20130927
EP2900131 A4	20170503	EP20130840356	20130927
EP2908900 A1	20150826	EP20130846380	20131015
EP2908900 A4	20170222	EP20130846380	20131015
EP2912999 A1	20150902	EP20140197136	20110527
EP2913000 A2	20150902	EP20140197137	20110527
EP2913000 A3	20151202	EP20140197137	20110527
EP2964085 A1	20160113	EP20140761249	20140307
EP2964085 A4	20161026	EP20140761249	20140307
EP2992825 A1	20160309	EP20150179061	20081125
EP2992825 B1	20170503	EP20150179061	20081125
EP2992825 B1	20171101	EP20150179061	20081125
EP3202318 A1	20170809	EP20170157118	20081125
ES2465915 T3	20140609	ES20080855396T	20081125
ES2525525 T3	20141226	ES20090808901T	20090821
ES2557084 T3	20160121	ES20130194818T	20081125
ES2558695 T3	20160208	ES20090813632T	20090910
ES2642583 T3	20171116	ES20090743249T	20090417
ES2651898 T3	20180130	ES20150179061T	20081125
IN02064DN2011 A	20111223	IN2011DN02064	20110318
IN10123DN2013 A	20150102	IN2013DN10123	20131125
IN10387DN2012 A	20160401	IN2012DN10387	20121129
IN10470DN2012 A	20160408	IN2012DN10470	20121130
JP2011504766 T2	20110217	JP20100535117T	20081125
JP2013526959 T2	20130627	JP20130512046T	20110527
JP2013526961 T2	20130627	JP20130512051T	20110527
JP2014501143 T2	20140120	JP20130546461T	20111223
JP2014518137 T2	20140728	JP20140519081T	20120706
JP2015535714 T2	20151217	JP20150534770T	20130927
JP2016104192 A2	20160609	JP20160000437	20160105
JP5452500 B2	20140326	JP20100535117T	20081125
JP5868961 B2	20160224	JP20130512051T	20110527
JP5980201 B2	20160831	JP20130512046T	20110527
JP6008960 B2	20161019	JP20140519081T	20120706
KR20140051284 A	20140430	KR20147002789	20120706
KR20150065787 A	20150615	KR20157011184	20130927
MX2012013672 A1	20130212	MX20120013672	20110527
MX2012013858 A1	20130408	MX20120013858	20110527

RU20150158008 A1	20150615	RU20150158008	20120908
RU2015111669 A	20161120	RU20150111669	20130927
RU2015111669 A3	20180126	RU20150111669	20130927
RU2609203 C2	20170130	RU20130158008	20120706
SG11201501459R A1	20150929	SG20151101459	20130927
US2009156926 AA	20090618	US20080323273	20081125
US2009234328 AA	20090917	US20090426175	20090417
US2010036227 AA	20100211	US20090557401	20090910
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US2010222664 AA	20100902	US20090545762	20090821
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US2011282188 AA	20111117	US20110118033	20110527
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US2013245434 AA	20130919	US20130890158	20130508
US2014031674 AA	20140130	US20130040205	20130927
US2014046261 AA	20140213	US20130054700	20131015
US2014107475 AA	20140417	US20130141046	20131226
US2014163356 AB	20140612	US20110118033	20110527
US2014188133 AA	20140703	US20140201300	20140307
US2014303492 AA	20141009	US20140309511	20140619
US2015018701 AA	20150115	US20140498887	20140926
US2015297114 AA	20151022	US20150788305	20150630
US2017020561 AA	20170126	US20160284355	20161003
US2017079548 AA	20170323	US20160365698	20161130
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US2017079681 AA	20170323	US20160365752	20161130
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US9901714 BB	20180227	US20090545762	20090821
WO09070616 A2	20090604	WO2008US84751	20081125
WO09070616 A3	20100121	WO2008US84751	20081125
WO09137262 A2	20091112	WO2009US41051	20090417
WO09137262 A3	20140515	WO2009US41051	20090417
WO10022370 A1	20100225	WO2009US54687	20090821
WO10030820 A1	20100318	WO2009US56567	20090910
WO11041450 A1	20110407	WO2010US50773	20100929
WO11150358 A1	20111201	WO2011US38391	20110527
WO11150376 A1	20111201	WO2011US38415	20110527
WO12088535 A1	20120628	WO2011US67268	20111223
WO13006817 A1	20130110	WO2012US45814	20120706
WO14052894 A2	20140403	WO2013US62409	20130927
WO14052894 A3	20150625	WO2013US62409	20130927
WO14062728 A1	20140424	WO2013US65121	20131015
WO14138652 A1	20140912	WO2014US22019	20140307

Priority:

AU20080329807	20081125	AU20100300677	20100929	AU20130201648	20130319
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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

Title: IMPLANTABLE MYOCARDIAL ISCHEMIA DETECTION, INDICATION AND ACTION TECHNOLOGY

Abstract: Source: US2003013974A [EN] One embodiment enables detection of MI/I and emerging infarction in an implantable system. A plurality of devices may be used to gather and interpret data from within the heart, from the heart surface, and/or from the thoracic cavity. The apparatus may further alert the patient and/or communicate the condition to an external device or **medical** caregiver. Additionally, the implanted apparatus may initiate therapy of MI/I and emerging infarction.

Classifications:

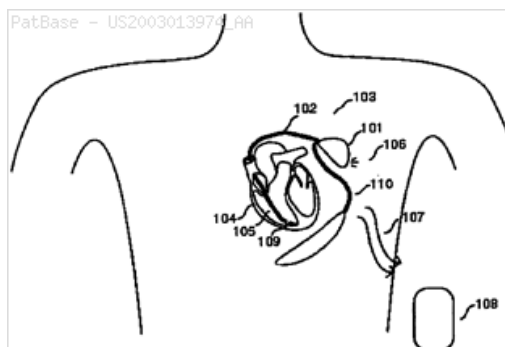
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International (IPC 1-7): A61B5/02 A61B5/04 A61B5/0402 A61B5/0404 A61B5/0408 A61B5/0452 A61B5/0472 A61B5/0478 A61B5/0492 A61B5/05 A61B5/145 A61N1/37 A61N1/39 G08B25/04 G08B25/08 G08B25/10

CPC: A61B5/0452 A61N1/365 A61M5/1723 A61B5/4836 A61B5/0422 A61B5/726 A61N1/3627 A61N1/37 A61N1/3962

European: A61B5/042D A61N1/362C A61N1/37 A61N1/39M2 K61B5/72K10D

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AU199953940 A1	20000228	AU19990053940	19990805
AU199953940 A5	20000228	AU19990053940	19990805
CA2339506 AA	20010202	CA19992339506	19990805
CA2339506 C	20110531	CA19992339506	19990805
EP1102560 A1	20010530	EP19990939696	19990805
EP1102560 A4	20030312	EP19990939696	19990805
JP2002522103 T2	20020723	JP20000563185T	19990805
US2003013974 AA	20030116	US20020243701	20020915
US2007244403 AA	20071018	US20070765444	20070619
US2010023080 AA	20100128	US20090573055	20091002
US2011230929 AA	20110922	US20110149872	20110531
US2014180149 AA	20140626	US20140195761	20140303
US6501983 BA	20021231	US19990369576	19990806
US7277745 BB	20071002	US20020243701	20020915
US8755870 BB	20140617	US20110149872	20110531
WO0007497 A1	20000217	WO1999US17847	19990805

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US19980095635P 19980807	US19990369576 19990805	US20070765444 20070619
US20090573055 20091002	US20020243701 20020915	US19990369576 19990806
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Designated states: AE AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZA ZW