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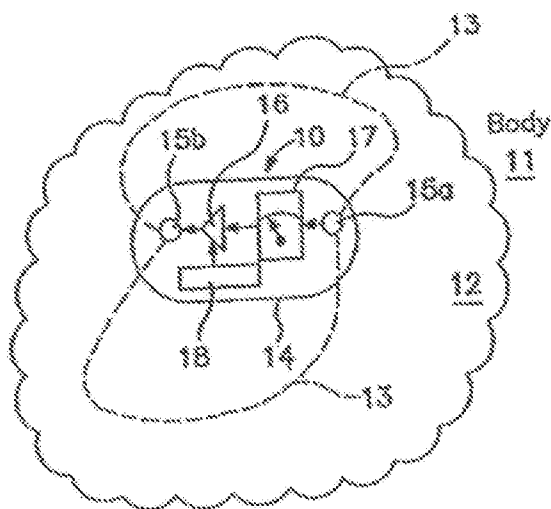
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(54) Title: ADAPTATIONS TO INTRA-THORACIC FLUID MONITORING ALGORITHM



(57) Abstract: Adaptations to an intra-thoracic fluid-status-trend indication and/or alert algorithm are disclosed. Some embodiments monitor fluid levels in heart failure patients and others suffering from pulmonary edema and the like. Some embodiments reset a cumulative fluid index when a short-term intra-thoracic impedance value exceeds a baseline impedance value minus a predetermined positive hysteresis value. Many device, system, and method embodiments hereof serve to reduce the number of false positive alerts while retaining the desired sensitivity.

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INTERNATIONAL SEARCH REPORT

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PCT/US2007/072196A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61B A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/172080 A1 (STADLER ROBERT W [US] ET AL) 2 September 2004 (2004-09-02) cited in the application paragraphs [0025], [0087] - [0091], [0103] figure 9	1,11
A	US 2002/147475 A1 (SCHEINER AVRAM [US] ET AL) 10 October 2002 (2002-10-10) abstract paragraph [0035] figure 3	1,11
A	US 2003/023184 A1 (PITTS-CRICK JONATHAN [GB] ET AL PITTS-CRICK JONATHAN [GB] ET AL) 30 January 2003 (2003-01-30) abstract paragraph [0092]	1,11

 Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004172080	A1	02-09-2004	NONE
US 2002147475	A1	10-10-2002	US 2002147476 A1 10-10-2002
US 2003023184	A1	30-01-2003	NONE