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(54) Title: SYSTEM AND METHOD FOR ARRHYTHMIA DISCRIMINATION WITH ATRIALVENTRICULAR DISSOCIA-
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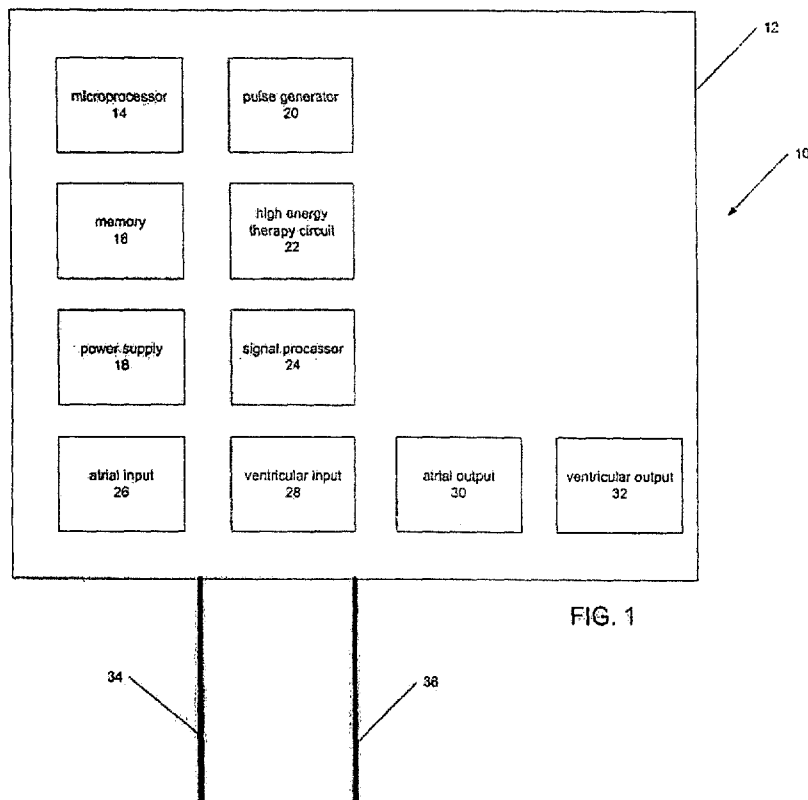


FIG. 1

(57) Abstract: Ventricular arrhythmias are monitored and classified based upon various criteria. One criterion is PR dissociation which is determined by comparing the PR interval in a current RR cycle to a median PR value. If the current PR interval varies too far from the median, then dissociation is indicated. Often, there are multiple atrial events in a given RR interval and the PR value has been based upon the last atrial event in the cycle. An algorithm determines whether to use the last atrial event in a cycle or whether an earlier atrial event occurred and would provide a more accurate PR value.

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B. FIELDS SEARCHED

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/144700 A1 (BROWN MARK L [US] ET AL) 31 July 2003 (2003-07-31) paragraph [0087]	1-38
A	----- DATABASE MEDLINE [Online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; April 1988 (1988-04), CURIONE M ET AL: "An electrocardiographic criterion to detect AV dissociation in wide QRS tachyarrhythmias." XP002498551 Database accession no. NLM3365875 abstract	1-38
A	----- US 5 280 792 A (LEONG PHILIP H W [AU] ET AL) 25 January 1994 (1994-01-25) column 5, lines 7-12 ----- -/---	1-38

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

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 2005/010257 A1 (LINCOLN WILLIAM C [US] ET AL). 13 January 2005 (2005-01-13) paragraphs [0003], [0005] -----	1-38
A	US 4 860 749 A (LEHMANN MICHAEL H [US]) 29 August 1989 (1989-08-29) column 3, lines 55-62 -----	1-38

INTERNATIONAL SEARCH REPORT

Information on patent family members

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US 4860749	A	29-08-1989	NONE