Title: METHODS AND APPARATUS FOR PATIENT NOTIFICATION OF PHYSIOLOGIC EVENTS AND DEVICE FUNCTION

Abstract: Apparatus and method according to the disclosure relate to a resilient shroud member mechanically and electrically coupled to an implantable medical device (IMD). The assembly is used to provide a subcutaneous cardiac activity sensing device via at least a pair of electrodes mechanically coupled to the shroud member. In the event that a patient needs to be notified for a follow-up visit to a clinic or the IMD requires attention, the electrode array signals the patient via a small electrical current passing through a surgical pocket.

FIG. 1
Published:

— with international search report
A. CLASSIFICATION OF SUBJECT MATTER
INV. A61N1/372

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)
A61N A61B

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

<table>
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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tr>
<td>X</td>
<td>WO 01/36046 A (INTERMEDICS INC [US]) 25 May 2001 (2001-05-25) page 11 - page 12; figures 1,2</td>
<td>1-18</td>
</tr>
</tbody>
</table>

[ ] Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

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

Date of the actual completion of the international search: 28 August 2008

Date of mailing of the international search report: 04/09/2008

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV RIJSWIJK
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Authorized officer: Edward, Viod
INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/057659

Box No. II  Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. [x] Claims Nos.: 19  20 because they relate to subject matter not required to be searched by this Authority, namely:

   Due to the implicit step of nerve stimulation, claims 19 and 20 relate to a method for treatment of the human or animal body by therapy (Rule 39, 1(iv) PCT).

2.  Claims Nos.:
   because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3.  Claims Nos.:
   because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III  Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2.  As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 

Remark on Protest

[ ] The additional search fees were accompanied by the applicant’s protest and, where applicable, the payment of a protest fee.

[ ] The additional search fees were accompanied by the applicant’s protest but the applicable protest fee was not paid within the time limit specified in the invitation.

[ ] No protest accompanied the payment of additional search fees.
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