Title: METHOD OF PROCESSING THORACIC REFLECTED RADIO INTERROGATION SIGNALS

Abstract: A method of evaluating or monitoring the medical state of a subject comprising the steps of providing a radio frequency interrogation interference signal from a subject, the radio frequency interrogation interference signal being a low frequency component of reflections of a radio interrogation signal transmitted into the thorax of the subject, and determining at least one cardiac or respiratory characteristic of the subject from radio frequency interrogation interference signal. The characteristic can be compared to predetermined values to assess state or monitored for changes over time to assess change in condition of the subject.
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INTERNATIONAL SEARCH REPORT

International application No
PCT/US Q7/20487

A CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A61 B 5/05 (2008.04)
USPC - 600/547

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)
USPC - 600/547

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 600/508,529,547; 5; 607/2,5,9,32, 8

Search Terms Below

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (USPT, PGPB, EPAB, JPAB), google.com

Search Terms Used radio, frequency, respiratory, average, cycle, volume, interrogation, interrogate, cardiac, respiratory, comparator, comparing, averages, mean, output, interrogation, changes, ratio, multiple, individual, statistical, opposite, sequential

C DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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D Further documents are listed in the continuation of Box C

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- Special categories of cited documents
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Date of the actual completion of the international search 06 October 2008 (06 10 2008)

Date of mailing of the international search report

10 OCT 2008

Name and mailing address of the ISA/US
Mail Stop PCT, Attn. ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No 571-273-3201

Authorized officer Lee W Young

PCT H/l/desk 571-272-4300
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