Abstract: An in-vivo sensing system including an in-vivo sensing device, a data recorder, a receiver and a work station. The data recorder receives data signal from the in-vivo sensing device during an acquisition period. Batches of the data signal may be transmitted from the data recorder to a receiver, as soon as a batch has been received by the data recorder. The batches of data signal received by the receiver may be downloaded to the workstation as soon as each batch is received by the receiver. Signals are typically transmitted from the data recorder to the receiver through wireless transmission techniques such as cellular transmission, WLAN (Wireless Local Area Network) transmission, BT (BlueTooth) transmission and Wimax (Worldwide interoperability for Microwave Access) transmission.
the filing date of the international application is within two months from the date of expiration of the priority period

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## INTERNATIONAL SEARCH REPORT

### A. CLASSIFICATION OF SUBJECT MATTER

**IPC:** A61B 5/00(2006.01)

**USPC:** 600/300

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)

U.S.: 600/300, 301; 128/903-905,920

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 practicable, search terms used)

### 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>
<th>Relevant to claim No.</th>
</tr>
</thead>
</table>

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

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  - "E" earlier application or patent published on or after the international filing date
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**Date of the actual completion of the international search**

12 May 2008 (12.05.2008)

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