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(54) Title: BODY PATCH FOR NONE-INVASIVE PHYSIOLOGICAL DATA READINGS

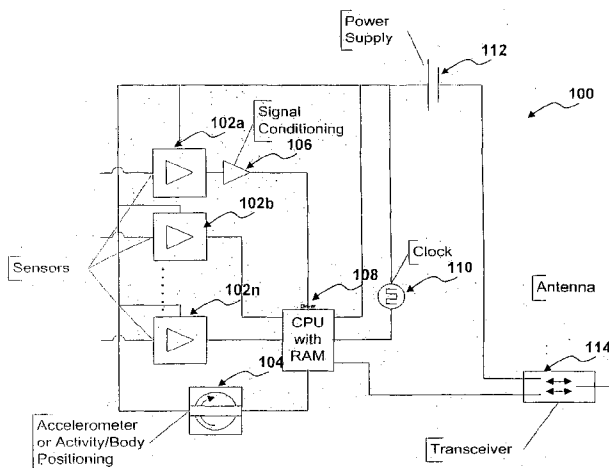


FIG. 1

(57) Abstract: Systems, methods, controller program products and devices for facilitating the sensing, reading, transmission and presentation of physiological data within a wireless body area network are disclosed. The remote collection and monitoring of a person's (e.g., patient's) physiological data and activity levels for the purposes of determining the well-being of the person, as well as making additional health status determinations based on the historical information and trends of the collected data are provided. The systems, methods, and controller program products disclosed herein, in varying aspects, readily lend themselves to incremental component and functionality modifications, which allow for increased sensor data sources, accuracy, reliability and utility of the collected information, further solidifying the uniqueness and desirability of the systems, methods, controller program products and devices.

WO 2008/097652 A3



FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61B 5/00 (2008.04)

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)

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

USPC - 600/300; 701/200, 201, 205, 207, 208, 210, 211, 213; 381/86; see keywords below

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

PubWEST (DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=NO; OP=ADJ); freepatentsonline.com; WIPO; Google Patents; Google;

Keywords: buffer, memory, patch, sensor, data, electrodes, sensors, antenna, wireless, transceiver, signal conditioning unit, conductive gel, remote, alert, fabric, power supply, battery, gel, PCB, circuit board

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2003/0083559 A1 (THOMPSON) 01 May 2003 (01.05.2003) see entire document, especially para [0004], [0009], [0014], [0017], [0030], [0032], [0033], [0037], [0038], [0039], [0040], [0041], [0042], [0049], [0050], [0052], [0053], [0055], [0058], [0059], [0060].	13-22 ----- 1-12, 30-40
X ----- Y	US 6,416,471 B1 (KUMAR et al) 09 July 2002 (09.07.2002) see entire document, especially col 4, ln 43-63, col 8, ln 50-55, col 9, ln 30-39, ln 44-50, col 10, ln 39-50, ln 65-67, col 11, 1-11, 29-34, col 13, ln 11-39, ln 45-65, col 14, ln 55-59, col 15, ln 62-67, col 16, ln 1-19, col 21, ln 18-28, col 22, ln 62-67, col 23, ln 1-22, ln 65-67, col 24, ln 1-10, col 25, ln 25-35, col 28, ln 58-60, Fig. 6, claim 27, claim 46.	23-26, 41-43 ----- 1-12, 27-40
Y	US 2001/0051821 A1 (SNYDER) 13 December 2001 (13.12.2001) see entire document, especially para [0015].	27-29

Further documents are listed in the continuation of Box C.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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