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(54) Title: DEVICE SYSTEM AND METHOD FOR MONITORING AND CONTROLLING BLOOD ANALYTE LEVELS

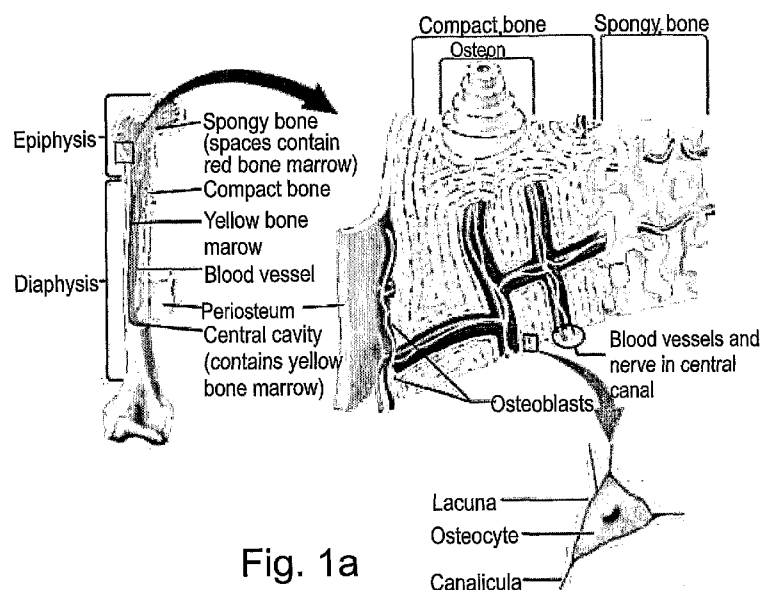


Fig. 1a

(57) Abstract: A device and system for monitoring an analyte in a subject and for controlling blood analyte levels are provided. The device and system include a sensor element which is designed and configured for detecting the analyte in blood flowing through the bone of the subject.



INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61M 1/00 (2008.04)

USPC - 604/19

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)

IPC(8) - A61M 1/00, 25/00, 31/00, A61B 5/00, 5/145, 5/1455 (2008.04)

USPC - 128/899; 604/19, 48, 65, 139, 184, 191, 504; 600/309, 310, 136, 325

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)

Patbase, Google Patent, Google Scholar.com

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,960,797 A (KRAMER et al) 05 October 1999 (05.10.1999) entire document	1-3, 10-12, 15, 23-24, 26-27
Y		4-9, 13-14, 16-22, 25, 28-36
Y	WO 2000/013003 A1 (COLVIN et al) 09 March 2000 (09.03.2000) entire document	4-9, 13-14, 16-22, 25, 28-36
Y	US 5,551,953 A (LATTIN et al) 03 September 1996 (03.09.1996) entire document	28-36

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