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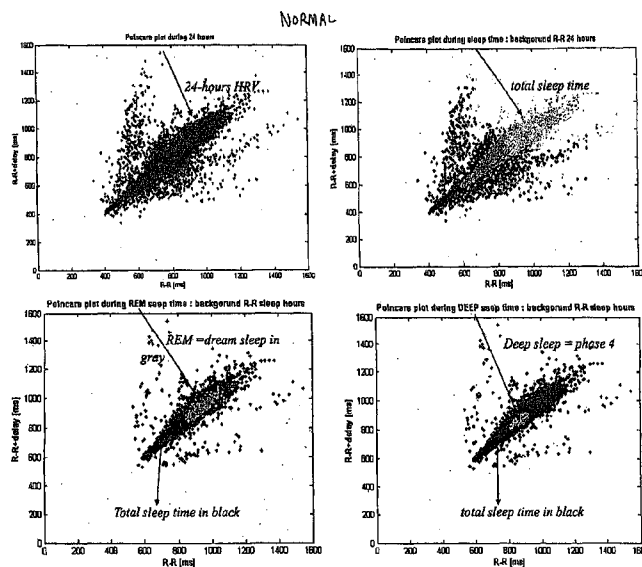
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(54) Title: METHOD AND APPARATUS FOR ANALYSIS OF PSYCHIATRIC AND PHYSICAL CONDITIONS



(57) Abstract: A method, apparatus and software for diagnosing the state or condition of a human which always generates physiological modulated signals having temporal-spatial organization, the organization having dynamic patterns whose structure is fractal, involving the monitoring of at least on physiological modulated signal and obtaining a set of temporal-spatial values of each of said physiological modulated signals, and processing the respective temporal-spatial values using linear and nonlinear tools to determine the linear and nonlinear characteristics established for known criteria to determine the state or condition of the person.

WO 2007/123923 A3

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/09420

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **A61B 5/0402**(2006.01)

USPC: 600/509

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. : 600/509, 300, 544

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**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,658,287 B1 (LITT et al) 02 December 2003 (02.12.2003), see whole document, specifically abstract Col. 2, lines 10-11, Col. 5, lines 29-35, Col. 6, lines 18-22, Col. 18, lines 35-40.	1-44

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	
"A" document defining the general state of the art which is not considered to be of particular relevance		later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

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