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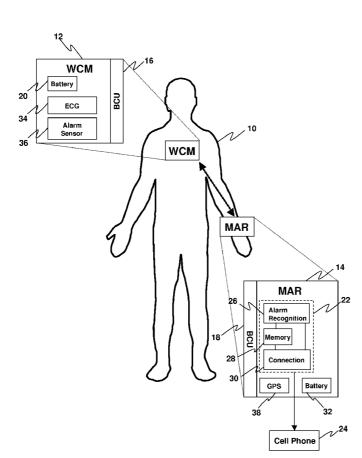
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(54) Title: MOBILE MONITORING



(57) Abstract: A wireless network for monitoring a patient (10) comprises at least one wearable monitor (12, 70) including a physiological condition sensor (34, 74) coupled to the patient (10) to sense and communicate data related to one physiological function of the patient (10). A first body communication unit (16, 78) interfaces with the at least one wearable monitor (12, 70) to communicate over the patient (10) utilizing a near field capacitive body coupled protocol. A relay system (14, 50 72) includes a second body communication unit (18, 52, 80) that receives data from the at least one wearable monitor (12, 70) and communicates with the first body communication unit (16, 78) utilizing the near field capacitive body coupled protocol. An external communication unit (22) communicates the data to a remote medical monitoring station via a cell phone network or the internet.

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GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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INTERNATIONAL SEARCH REPORT

International application No PCT/IB2005/054063

A. CLASSIFICATION OF SUBJECT MATTER $1\,\text{NV}$. $\,$ A61B5/00

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)

A61B

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 practical, search terms used)

EPO-Internal

Category*	ENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
alegory	Oracion of destinating		
〈	US 2003/144581 A1 (CONN THOMAS 31 July 2003 (2003-07-31)	E ET AL)	1,2,4,5, 7,9,11, 13-17 3,6,8,18
	paragraphs [0004] - [0020] paragraphs [0024] - [0027] paragraphs [0043], [0044] paragraphs [0056] - [0058] paragraphs [0085] - [0107] paragraphs [0118], [0121]		
Χ Υ	US 2002/013538 A1 (TELLER DAVI 31 January 2002 (2002-01-31)	D)	1-5,7,8, 13-16,18 3,8,18
	paragraph [0012] paragraphs [0043] - [0054] paragraphs [0061], [0075], [paragraphs [0115], [0116]	[0100]	
		-/	
X Fur	ther documents are listed in the continuation of Box C.	X See patent family annex.	
"A" docum	categories of cited documents: nent defining the general state of the art which is not idered to be of particular relevance	"T" later document published after the in or priority date and not in conflict w cited to understand the principle or invention	th the application but theory underlying the
"E" earlier filing "L" docum	date document but published on or after the international date lent which may throw doubts on priority claim(s) or leading to problem the publication date of another	"X" document of particular relevance; the cannot be considered novel or can involve an inventive step when the "Y" document of particular relevance; th	not be considered to document is taken alone e claimed invention
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"P" docur later	ment published prior to the international filing date but than the priority date claimed	"&" document member of the same pate	
	e actual completion of the international search	Date of mailing of the international s	•
	24 May 2006	3 0. 08.	2006
Name and	d mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer	

INTERNATIONAL SEARCH REPORT

International application No
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ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	US 2003/125017 A1 (GREENE DAVID P ET AL) 3 July 2003 (2003-07-03) paragraphs [0006], [0031], [0043], [0044]	6
	US 6 287 252 B1 (LUGO MICHAEL V) 11 September 2001 (2001-09-11) the whole document	1-18

International application No. PCT/IB2005/054063

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-18
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-18

A wireless network and method for monitoring a patient

2. claims: 19,20

A method for verifying the communication between a wearable monitor and an alarm relay.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2005/054063

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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