



(11) **EP 2 420 185 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**05.09.2012 Bulletin 2012/36**

(51) Int Cl.:  
**A61B 5/00 (2006.01)**

(43) Date of publication A2:  
**22.02.2012 Bulletin 2012/08**

(21) Application number: **11178307.2**

(22) Date of filing: **13.04.2006**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR**

(30) Priority: **14.04.2005 GB 0507486**  
**14.04.2005 GB 0507485**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:  
**06726754.2 / 1 890 589**

(71) Applicant: **Hidalgo Limited**  
**Swavesay**  
**Cambridgeshire CB24 4UQ (GB)**

(72) Inventors:  

- **Pisani, Justin**  
**Swavesey, Cambridgeshire CB24 4UQ (GB)**
- **Howard, Peter**  
**Swavesey, Cambridgeshire CB24 4UQ (GB)**
- **Cade, Daniel**  
**Swavesey, Cambridgeshire CB24 4UQ (GB)**
- **Ward, Stephen**  
**Swavesey, Cambridgeshire CB24 4UQ (GB)**

(74) Representative: **Widdowson, Nicholas Edward**  
**Boulton Wade Tennant**  
**Verulam Gardens**  
**70 Gray's Inn Road**  
**London WC1X 8BT (GB)**

(54) **Apparatus and system for monitoring**

(57) A monitoring device wearable by a person to be monitored, comprising: one or more sensing means for sensing cardio, respiratory, physiological and/or other information from the person; processing means for analysing the sensed information; memory means for storing the sensed and/or analysed information; and communication means for transmitting at least the analysed information. At least one waveform acquired from the sensed cardio, respiratory, physiological and/or other information is digitised in real-time; analysis of the sensed and/or digitised information is performed in real-time and a welfare indication of the person computed in real-time; and the computed welfare indication of the person is transmitted by the communication means and/or stored in the memory means.

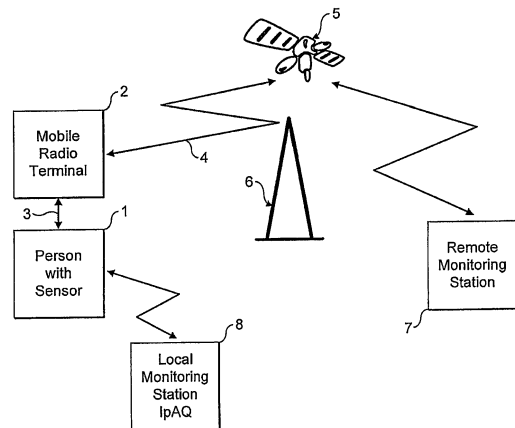


FIG. 1



ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 11 17 8307

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-07-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0128416	A	26-04-2001	EP 1217942 A1	03-07-2002
			US 6790178 B1	14-09-2004
			WO 0128416 A1	26-04-2001
-----				
US 2002019586	A1	14-02-2002	AU 2002330965 A1	24-02-2003
			BR 0211760 A	13-10-2004
			CA 2454655 A1	20-02-2003
			EP 1414340 A2	06-05-2004
			JP 4283672 B2	24-06-2009
			JP 2004538066 A	24-12-2004
			MX PA04001055 A	20-05-2004
			US 2002019586 A1	14-02-2002
			WO 03015005 A2	20-02-2003
-----				
WO 2004012592	A1	12-02-2004	AU 2003254670 A1	23-02-2004
			CA 2397185 A1	05-02-2004
			US 2005119532 A1	02-06-2005
			WO 2004012592 A1	12-02-2004
-----				
WO 03015005	A	20-02-2003	AU 2002330965 A1	24-02-2003
			BR 0211760 A	13-10-2004
			CA 2454655 A1	20-02-2003
			EP 1414340 A2	06-05-2004
			JP 4283672 B2	24-06-2009
			JP 2004538066 A	24-12-2004
			MX PA04001055 A	20-05-2004
			US 2002019586 A1	14-02-2002
			WO 03015005 A2	20-02-2003
-----				
EP 1226784	A	31-07-2002	DE 60219374 T2	09-08-2007
			EP 1226784 A1	31-07-2002
			US 2002165443 A1	07-11-2002
			US 2004059202 A1	25-03-2004
-----				

专利名称(译)	用于监视的装置和系统		
公开(公告)号	<a href="#">EP2420185A3</a>	公开(公告)日	2012-09-05
申请号	EP2011178307	申请日	2006-04-13
[标]申请(专利权)人(译)	HIDALGO		
申请(专利权)人(译)	HIDALGO LIMITED		
当前申请(专利权)人(译)	HIDALGO LIMITED		
[标]发明人	PISANI JUSTIN HOWARD PETER CADE DANIEL WARD STEPHEN		
发明人	PISANI, JUSTIN HOWARD, PETER CADE, DANIEL WARD, STEPHEN		
IPC分类号	A61B5/00		
优先权	2005007486 2005-04-14 GB 2005007485 2005-04-14 GB		
其他公开文献	EP2420185A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

一种可被待监视的人可穿戴的监视设备，包括：一个或多个感测装置，用于感测来自该人的心脏，呼吸，生理和/或其他信息；处理装置，用于分析所感测的信息；存储装置，用于存储所感测和/或分析的信息；和通信装置，用于至少发送所分析的信息。从感测的心脏，呼吸，生理和/或其他信息获取的至少一个波形被实时数字化；对所感测和/或数字化信息的分析是实时执行的，并且是实时计算的人的福利指示；并且计算出的人的福利指示由通信装置发送和/或存储在存储装置中。

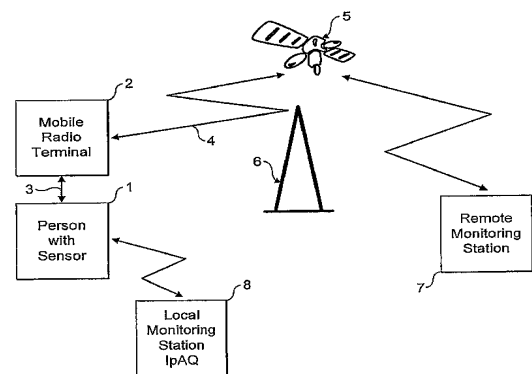


FIG. 1