



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	DEMEIS RICK: "FLEX SENSOR TO INVESTIGATE SLEEP DISORDER" INTERNET CITATION, [Online] 6 July 1999 (1999-07-06), pages 8-9, XP009074307 Retrieved from the Internet: URL:http://www.designnews.com/article/CA86896.html> [retrieved on 2006-10-27]	1-21, 25-27, 30-40	INV. A61B5/00 A61B5/0488
X	* the whole document *	15-18, 21,25, 26,34,37	
Y	----- US 6 044 293 A (LUCEY JR GEORGE K [US] ET AL) 28 March 2000 (2000-03-28) * column 3, line 50 - column 4, line 12 * * column 5, lines 15-31 *	1-21, 25-27, 30-33, 38-40	
X	----- EP 1 028 463 A (TOKYO SHIBAURA ELECTRIC CO [JP]) 16 August 2000 (2000-08-16)	16-20,25	
Y	* paragraphs [0023], [0024], [0040] *	34-37	TECHNICAL FIELDS SEARCHED (IPC)
A	----- EP 1 070 479 A2 (ALTEC INC [US]) 24 January 2001 (2001-01-24) * paragraphs [0013] - [0016] *	21-24	A61B
A	----- EP 1 048 264 A (MEDTRONIC INC [US]) 2 November 2000 (2000-11-02) * the whole document *	1-40	
A	----- WO 99/25019 A (IRVINE SENSORS CORP [US]) 20 May 1999 (1999-05-20) * abstract *	34,37	
----- The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 4 December 2006	Examiner Manschot, Jan
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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

EP 02 80 5694

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.

04-12-2006

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6044293	A	28-03-2000	EP	1004268 A2	31-05-2000
EP 1028463	A	16-08-2000	TW	460927 B	21-10-2001
			US	6392143 B1	21-05-2002
EP 1070479	A2	24-01-2001	US	6238338 B1	29-05-2001
EP 1048264	A	02-11-2000	US	6669663 B1	30-12-2003
			US	2004147872 A1	29-07-2004
WO 9925019	A	20-05-1999	EP	1038315 A1	27-09-2000
			JP	2001523046 T	20-11-2001

专利名称(译)	可穿戴式生物监测器，具有柔性薄型集成电路		
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其他公开文献	EP1451873A2		
外部链接	Espacenet		

摘要(译)

传感器系统 (30) 具有传感器模块 (10) 和接收器模块 (45)。传感器模块 (10) 用作无线数据收集装置，并且具有包括电路 (71,72,73) 的柔性薄硅片 (60,65,70)，柔性电源 (105) 和柔性支撑件。基板 (55)。硅，电源和柔性支撑衬底被集成为传感器模块 (10) 的层。这些层以胶粘绷带 (10) 的形式放置在一起。多个电极 (80) 连接到传感器模块 (10) 并从柔性基板 (55) 突出以接触对象主体 (20) 的皮肤。接收器模块 (45) 包括RF接收器和物理I / O端口 (87) 之一，RF接收器具有用于连续接收数据的无线端口 (40)，物理I / O端口 (87) 可以物理连接传感器模块 (10) 以下载存储的数据来自传感器模块 (10)。