



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 557 681 A (THOMASSON ET AL) 17 September 1996 (1996-09-17) * column 1, line 5 - line 10 * * column 2, line 5 - line 12 * * column 3, line 55 - column 4, line 7 * * claim 1 * * figure 1 *	1-36	A61B7/04 H04R29/00
A	US 4 784 162 A (RICKS ET AL) 15 November 1988 (1988-11-15) * column 2, line 13 - line 51 * * column 3, line 10 - line 40 * * column 4, line 46 - line 65; figures 1,2 * * -----	1-36	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B
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		Date of completion of the search	Examiner
The Hague		8 July 2005	Dydenko, I
CATEGORY OF CITED DOCUMENTS			
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		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	

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

EP 01 92 6427

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.

08-07-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5557681 A	17-09-1996	NONE	
US 4784162 A	15-11-1988	WO 8802237 A1 US 4827943 A	07-04-1988 09-05-1989

专利名称(译)	生理状况监测利用非常低频的声学信号		
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申请(专利权)人(译)	iLife系统公司		
当前申请(专利权)人(译)	iLife系统公司		
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其他公开文献	EP1272109A1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

公开了利用非常低频声信号和指示身体取向的信号的生理状况监测器 (700)。生理状态监测器 (700) 包括传感器 (100)，其能够检测在十分之一赫兹到三十赫兹的频率范围内的低频声学信号。传感器 (100) 包括腔室 (120)，腔室 (120) 具有形成腔体 (150) 的部分和放置在腔体 (150) 内的低频麦克风 (110)。本发明的另一个实施例包括具有形成谐振腔 (440) 的部分的腔室 (120)，安装在谐振腔 (440) 中的麦克风 (110)，以及覆盖谐振腔 (440) 的膜 (430)。

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1	Date of search The Hague	Date of completion of the search 8 July 2005	Examiner Dydenko, I
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TECHNICAL FIELDS SEARCHED (Int.Cl.7) A61B			