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(54) **A pulse oximetry sensor adapted for use on a patient's forehead**

(57) A pulse oximetry sensor adapted for use on a patient's forehead comprising:

a resilient substrate conformable to a patient's forehead; an emitter disposed on the substrate; and a detector disposed on the substrate.

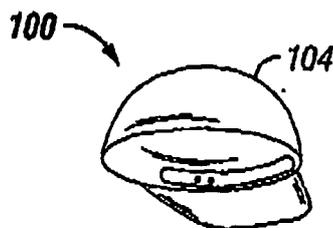


FIG. 1A

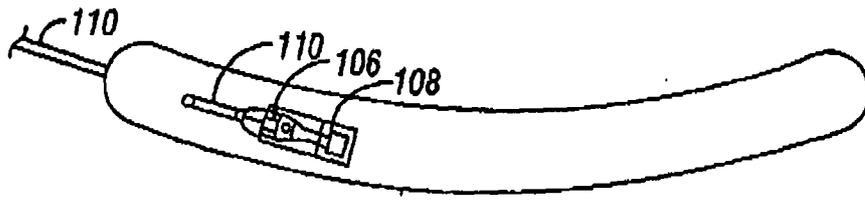


FIG. 1B

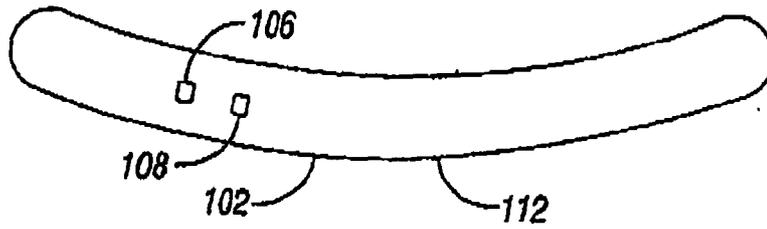


FIG. 1C

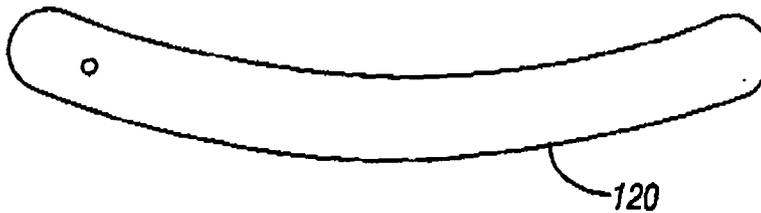


FIG. 1D

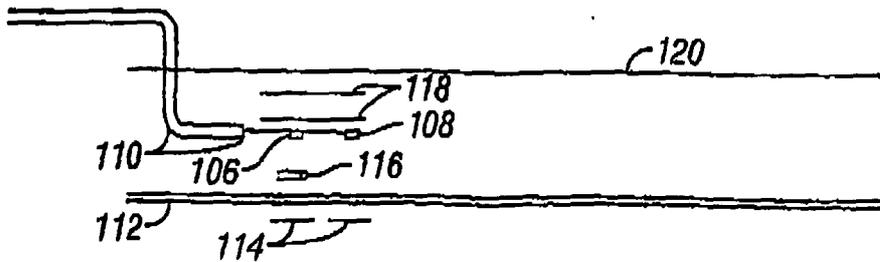


FIG. 1E



EUROPEAN SEARCH REPORT

Application Number
EP 10 01 0975

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 97/20494 A (NON INVASIVE TECHNOLOGY INC ; CHANCE BRITTON (US)) 12 June 1997 (1997-06-12) * page 5, lines 1-10; figures 1,5,6 * * page 16, lines 17-24 * -----	1-16	
X	US 2002/016536 A1 (BENNI PAUL [US]) 7 February 2002 (2002-02-07) * figures 1,11,11A * * paragraphs [0018], [0020], [0048], [0060] * -----	1-7,16	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 16 June 2011	Examiner Jonsson, P.O.
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	

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EPO FORM 1503 03.82 (P/4C01)

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

EP 10 01 0975

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
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16-06-2011

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	脉搏血氧饱和度传感器，适用于患者的前额		
公开(公告)号	EP2275021A3	公开(公告)日	2011-07-27
申请号	EP2010010975	申请日	2004-06-24
[标]申请(专利权)人(译)	内尔科尔普里坦贝内特公司		
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[标]发明人	HANNULA DAN MANNHEIMER PAUL D		
发明人	HANNULA, DAN MANNHEIMER, PAUL, D.		
IPC分类号	A61B5/00		
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优先权	10/606668 2003-06-25 US		
其他公开文献	EP2275021A2		
外部链接	Espacenet		

摘要(译)

一种适用于患者前额的脉搏血氧饱和度传感器，包括：适合患者前额的弹性基底；发射极设置在基板上；和设置在基板上的检测器。

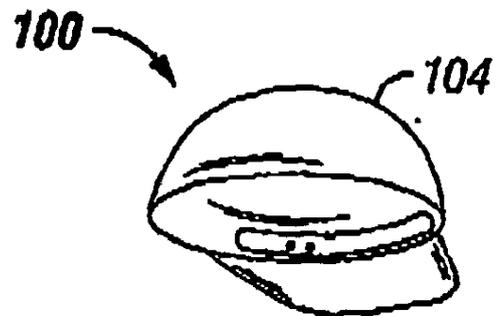


FIG. 1A