European Patent Office

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 02 70 0041

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 97/41772 A (ALBERT EINSTEIN HEALTHCARE NET [US]) 13 November 1997 (1997-11-13) * pages 16-17; figures 3,6 *	1-3,6,7, 10,11,13	INV. A61B5/02 A61B5/04 G06F17/00
Y	US 4 981 139 A (PFOHL ROBERT L [US]) 1 January 1991 (1991-01-01) * columns 3-4 *	1-15	A61B5/00
Y	GB 2 281 780 A (HEWLETT PACKARD CO [US]) 15 March 1995 (1995-03-15) * claim 1; figure 1 *	1-15	
Y	EP 0 699 413 A (TOYOTA MOTOR CO LTD [JP]; AGENCY IND SCIENCE TECHN [JP]) 6 March 1996 (1996-03-06) * pages 5-7 *	1-15	
A	EP 0 627 194 A (TELECTRONICS NV [AN]) 7 December 1994 (1994-12-07) * the whole document *	1-15	

TECHNICAL FIELDS SEARCHED (IPC)

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
Munich	11 December 2006	Chopinaud, Marjorie

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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E : earlier patent document, but published on, or after the filing date
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 02 70 0041

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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11-12-2006

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专利名称(译)	一种用于确定生理状况发作的非侵入性方法和装置		
公开(公告)号	EP1370176A4	公开(公告)日	2007-01-17
申请号	EP2002700041	申请日	2002-02-28
[标]申请(专利权)人(译)	悉尼理工大学		
申请(专利权)人(译)	技术，悉尼大学		
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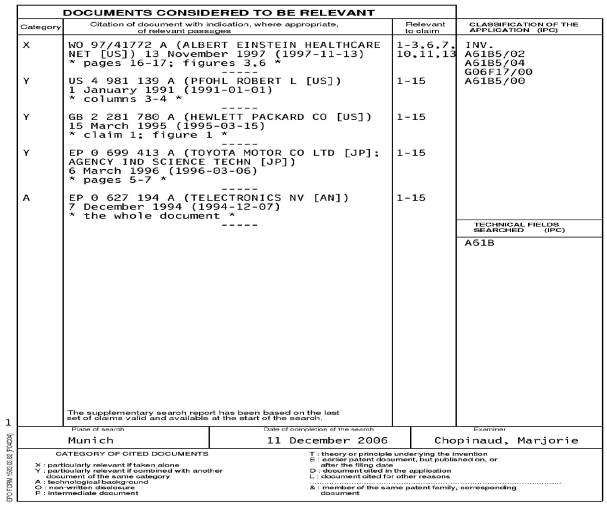
发明人	NGUYEN, HUNG GHEVONDIAN, NEJHDEH		
IPC分类号	A61B5/02 A61B5/00 A61B5/024 A61B5/04 A61B5/0402 A61B5/053 G06F17/00 G06F19/00		
CPC分类号	G06F19/3481 A61B5/00 A61B5/024 A61B5/0402 A61B5/0531 A61B5/14532 A61B5/7267 G16H40/63		
优先权	2001PR3434 2001-02-28 AU		
其他公开文献	EP1370176B1 EP1370176A1		
外部链接	Espacenet		

摘要(译)

本发明涉及使用生理响应检测医疗状况的早期预警系统的建模和设计。该装置包括用于监测生理参数的传感器，例如患者的皮肤阻抗，心率和QT间期，用于确定何时这些参数改变的装置，参数的变化率，以及用于处理由所获得的信息获得的信息的神经网络处理器。传感器。神经网络处理器用快速学习算法编程。当神经网络确定患者中存在生理状况时，将产生警报信号。本发明扩展到使用利用快速学习算法编程的神经网络对人进行无创监测的方法。具体描述了非侵入性低血糖监测器。



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