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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 01 93 9644

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)
	No further relevant documents disclosed -----		A61B5/0402 A61B5/04 A61B5/00
			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 MUNICH		Date of completion of the search 28 January 2004	Examiner Gaillard, A
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			

1

专利名称(译)	用于多尺度分析和表示心电图数据的系统和设备		
公开(公告)号	EP1284645A4	公开(公告)日	2004-07-07
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其他公开文献	EP1284645A2 EP1284645B1		
外部链接	Espacenet		

摘要(译)

系统包括医疗设备和方 法，用于分析生理和健康数据并表示不同细节水平的最重要参数，这对于非专业人员和医疗专业人员来说是可理解的。低，中，高分辨率标度可以相互交换信息，以改进分析;可以根据相应的软件和硬件资源来定义比例。低分辨率标度I表示少量主要元素，例如心跳之间的间隔，心电图PQ，QRS和QT间隔的持续时间，P-，Q-，R-，S-和T-的幅度。波浪。该实时分析在需要最少计算资源的便携式设备中实现。可以使用中间或高分辨率级别调整主要元素集及其搜索条件。在中等分辨率标度II处，可以使用数学分解确定基本函数系列及其系数来确定每个所述元素的连续变化。可以使用专用处理器或计算机管理器来实现该比例。在高分辨率Scale III中，可以确定所有主要元素的组合序列变化，以提供有关信号动态的完整信息。可以使用功能强大的处理器，计算机网络或Internet来实现此扩展。该系统可用于个人或团体自我评估，紧急或常规ECG分析，或连续事件，压力测试或床边监测。

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