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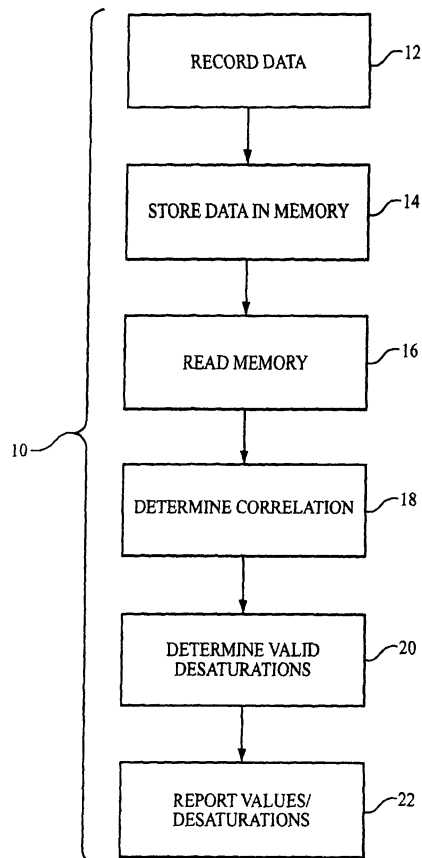
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(54) **Pulse oxymetry data processing**

(57) In one aspect, the invention is a method for processing pulse oxymetry data signals. The method includes recording pulse oxymetry data signals. The pulse oxymetry data signals have a plurality of oxymetry waveforms. The method also includes determining a correlation coefficient between sequential oxymetry waveforms and identifying a valid pulse oxymetry waveform.



**FIG. 1**



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 02 10 2899

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 01 43624 A (DATEX OHMEDA INC) 21 June 2001 (2001-06-21) * page 5 - page 13; figures 2,9 * ---	1,6,11, 16,21,26	A61B5/00 G06F17/00
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B G06F G01D
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>6 October 2003</b>	Examiner <b>BIRKENMAIER, T</b>
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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ANNEX TO THE EUROPEAN SEARCH REPORT  
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专利名称(译)	脉搏血氧饱和度数据处理		
公开(公告)号	<a href="#">EP1327413A3</a>	公开(公告)日	2003-12-17
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优先权	10/044135 2002-01-10 US		
其他公开文献	EP1327413A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

在一个方面，本发明是一种用于处理脉冲血氧测量数据信号的方法。该方法包括记录脉冲血氧测量数据信号。脉冲血氧测量数据信号具有多个血氧测量波形。该方法还包括确定连续血氧测量波形之间的相关系数和识别有效脉冲血氧测量波形。

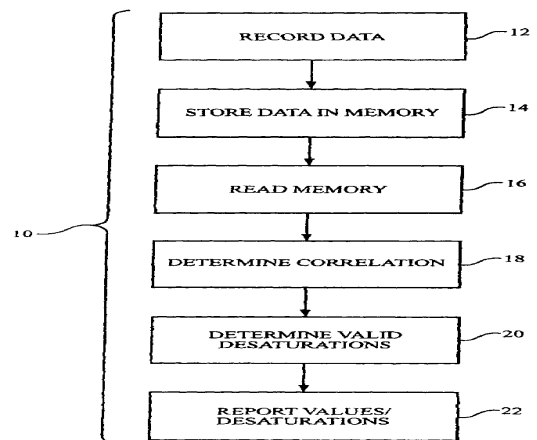


FIG. 1