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(72) Inventors:
• **Huiku, Matti**
Espoo 02760 (FI)
• **Panu, Takala**
Helsinki 00250 (FI)

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(74) Representative: **Bedford, Grant Richard**
London Patent Operation
GE International Inc.
15 John Adam Street
London WC2N 6LU (GB)

(71) Applicant: **GE Healthcare Finland Oy**
00510 Helsinki (FI)

(54) **Method and device for the determination of clinical stress of a subject in pulse oximetry**

(57) The invention relates to the determination of the clinical stress of a subject. In order to bring about an uncomplicated and cost-effective method for monitoring the stress status of a subject, plethysmographic signal data is acquired from the subject and a first measurement

signal is derived, which is indicative of a predetermined feature of the respiration modulation appearing in the said signal data. An index signal is then formed based on the first measurement signal and the index signal is employed as an index indicative of the clinical stress of the subject.

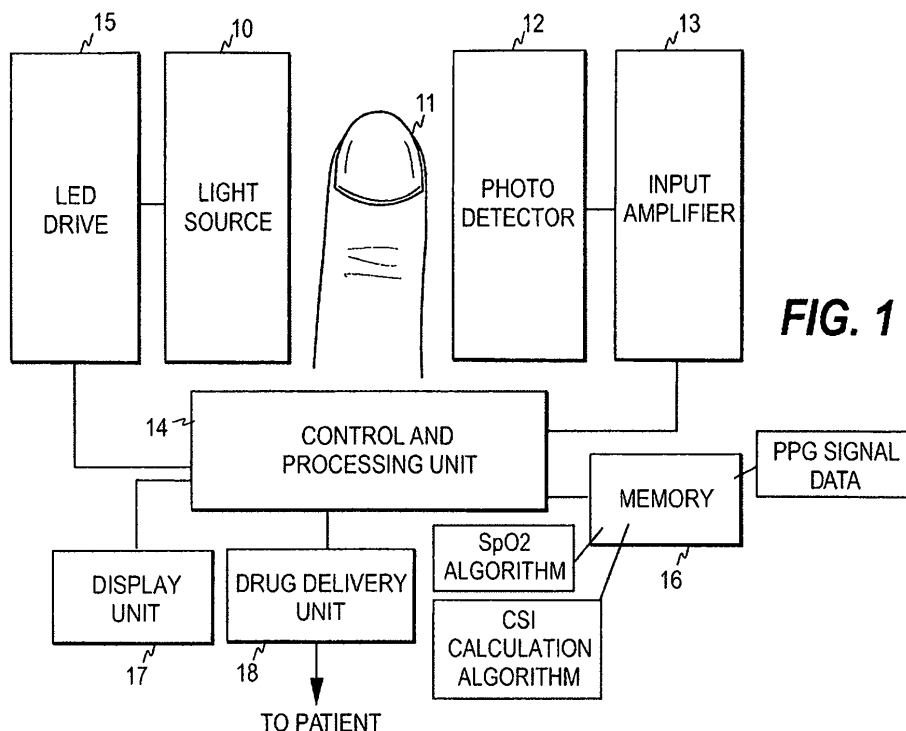


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 25 1570

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			TECHNICAL FIELDS SEARCHED (IPC)
			A61B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 8 March 2007	Examiner Hooper, Martin
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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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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当前申请(专利权)人(译)	GE HEALTHCARE芬兰OY		
[标]发明人	HUIKU MATTI PANU TAKALA		
发明人	HUIKU, MATTI PANU, TAKALA		
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外部链接	Espacenet		

摘要(译)

本发明涉及确定受试者的临床应激。为了实现用于监测对象的压力状态的简单且成本有效的方法，从对象获取体积描记信号数据并且导出第一测量信号，其指示出现在呼吸调制中的预定特征。所述信号数据。然后基于第一测量信号形成指标信号，并且将指数信号用作指示受试者的临床压力的指标。

