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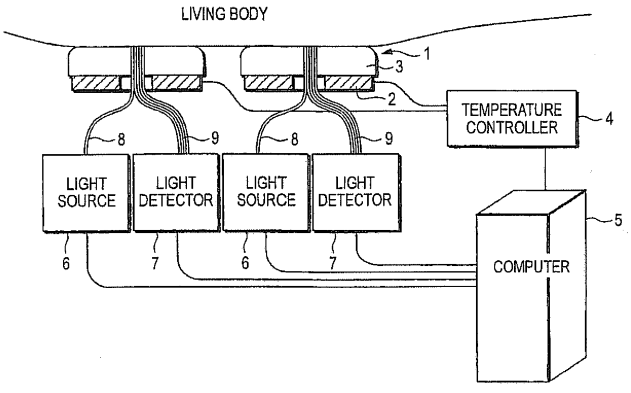
(54) Method for noninvasive measurement of glucose and apparatus for noninvasive measurement of glucose

(57) An apparatus for noninvasive measurement, which noninvasively measures glucose in a subject optically through a measurement probe, comprising: a light source and a light detector both of which are connected to the measurement probe; an adaptation device which has a shape similar to the measurement probe; and a control unit which performs noninvasive measurement by controlling the light source and the light detector, and also ahead of the noninvasive measurement, controls the adaptation device such that the adaptation device is brought into contact with a skin part of a subj ect for stretching the skin part of the subj ect under a pressure that is higher than a pressure per unit area applied by the measurement probe during the noninvasive measurement, and a corresponding method.

FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 11 18 0771

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TECHNICAL FIELDS SEARCHED (IPC)

A61B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	20 September 2012	Schindler, Martin

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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L : document cited for other reasons

& : member of the same patent family, corresponding document

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 11 18 0771

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专利名称(译)	用于无创测量葡萄糖的方法和用于无创测量葡萄糖的装置		
公开(公告)号	EP2399516A3	公开(公告)日	2012-10-31
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当前申请(专利权)人(译)	东芝医疗系统公司		
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审查员(译)	迅达MARTIN		
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其他公开文献	EP2399516A2 EP2399516B1		
外部链接	Espacenet		

摘要(译)

一种用于非侵入式测量的装置，其通过测量探针光学地无创地测量对象中的葡萄糖，包括：光源和光检测器，两者都连接到测量探针;适配装置，其形状类似于测量探针;控制单元通过控制光源和光检测器进行无创测量，并且在非侵入式测量之前，控制适配装置，使得适配装置与主体的皮肤部分接触以拉伸在非侵入性测量期间，在高于由测量探针施加的每单位面积的压力的压力下的对象的皮肤部分，以及相应的方法。

FIG. 1