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(54) **Technique for diagnosing attention deficit hyperactivity disorder using complimentary tests**

(57) A method of determining threshold values, subsequently used to determine whether an individual has Attention Deficit Hyperactivity Disorder (ADHD) comprising: providing a group of subjects a segment of which is know to have ADHD and a segment known to not have ADHD; testing each subject in the group by: (a) sampling the peripheral skin temperature of left and right like extremities during a predetermined time interval when the subject is in a sensory deprived state to

provide respective left and right sampled peripheral skin temperature data; (b) processing the sampled peripheral skin temperature data, including filtering, differentiation, and conversion to the frequency domain to derive spectral signatures having magnitude values; and (c) final processing of spectral signatures for all of the subjects of the group to determine threshold values which are complimentary effective for determining whether or not an individual has ADHD when tested by said testing method.

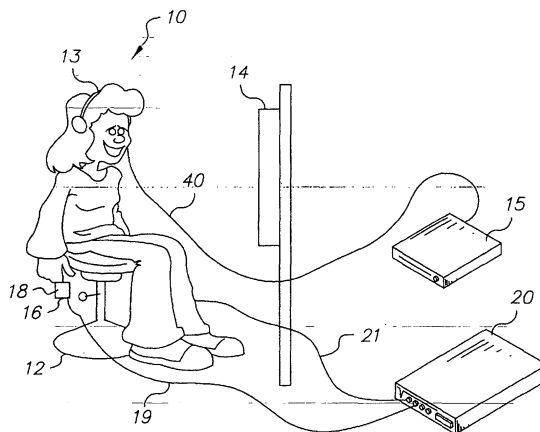


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 07 5308

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)
A	EP 1 166 711 A (EASTMAN KODAK CO) 2 January 2002 (2002-01-02) * the whole document *	1-4	A61B5/00 A61B5/16
A,P	EP 1 260 178 A (EASTMAN KODAK CO) 27 November 2002 (2002-11-27) * the whole document *	1-4	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A61B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 December 2003	Examiner Manshot, J
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
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 07 5308

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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	使用免费试验诊断注意力缺陷多动障碍的技术		
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当前申请(专利权)人(译)	麦克莱恩医院CORPORATION		
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摘要(译)

一种确定阈值的方法，随后用于确定个体是否具有注意力缺陷多动障碍（ADHD），包括：提供一组受试者，其中一段被认为患有ADHD，一段已知不具有ADHD；通过以下方式测试组中的每个受试者：（a）在受试者处于感觉剥夺状态的预定时间间隔期间对左侧和右侧的外周皮肤温度进行采样，以提供相应的左和右采样的外周皮肤温度数据；（b）处理采样的外周皮肤温度数据，包括滤波，微分和转换到频域，以导出具有幅度的光谱特征；（c）对该组的所有受试者进行光谱特征的最终处理，以确定在通过所述测试方法测试时确定个体是否患有ADHD的补充有效的阈值。

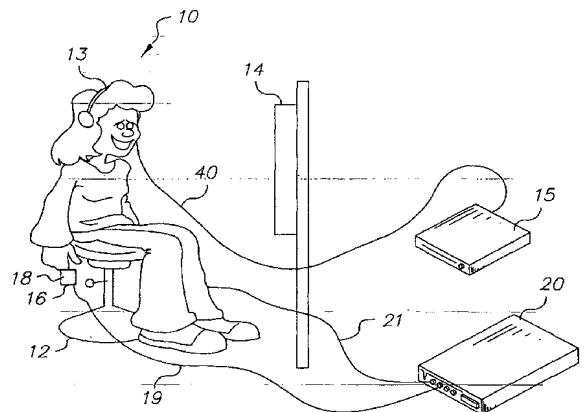


FIG. 1