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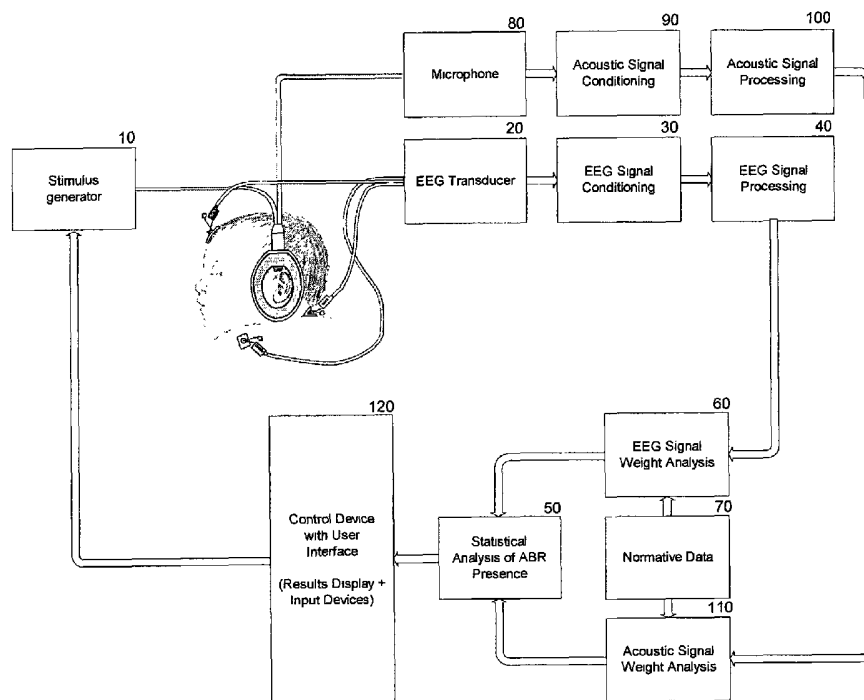
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(54) Title: HEARING EVALUATION DEVICE WITH NOISE-WEIGHTING CAPABILITIES



(57) Abstract: An apparatus and method (Fig.3) for evaluation of hearing loss is disclosed. The apparatus and method use evoked Auditory Brainstem Responses (ABR) to determine if the subject is able to hear repeatedly administered click stimuli. In order to optimize evaluation, the present invention uses normative data to accurately weight the ausitory responses, so the evaluation will be possible in different or changing noise conditions.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :A61B 5/00

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : none

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

none

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US, 6,200,273 B1 (Sininger et al) 13 March 2001, see entire document.	1-45
A	US 6,196,977, A, (Sininger et al), 06 March 2001, see entire document.	1-45.
X	US 5,601,091 B1 (Dolphin et al) 11 February 1997, see entire document.	1-4, 17, 20
A		5-16, 18, 19, 21-45
A	US 5,003,986 A (Finitzo et al) 02 April 1991, see entire document.	1-45
A, E	US 6,493,589 B1 (Medhkour et al.) 10 December 2002.	

Further documents are listed in the continuation of Box C.  See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,287,290 B1 (Perkins et al.) 11 September 2001.	