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(54) **Title:** FITTING OF HEARING DEVICES

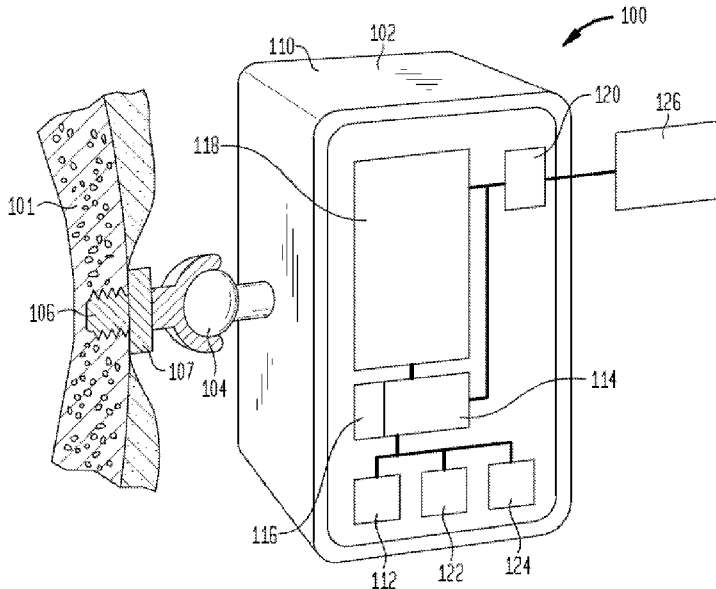


FIG. 1

(57) **Abstract:** The present invention relates to recipient fitting of a hearing device. An embodiment of the present invention determines the transmission loss for sound applied to the recipient by the hearing device. Separate gains are then determined for compensating for the determined transmission loss and the measured hearing loss of the recipient. For example, in an embodiment, the hearing device may compensate for transmission losses in a 1 : 1 manner (i.e., the transmission loss in 100% compensated for). The hearing device may apply a different gain to compensate for the hearing loss, such as a gain that is a fraction (e.g., 33-55%) of the measured hearing loss.



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**A. CLASSIFICATION OF SUBJECT MATTER*****H04R 25/00(2006.01)i, A61B 5/12(2006.01)i***

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)

H04R 25/00; A61B 5/12; H04R 29/00; H04R

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: hearing aid, fitting, compensation, loss

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01-93627 A2 (OTOLOGICS, LLC) 06 December 2001 See abstract, claim 1, and figures 3, 4	1-27
A	US 2008-0285781 A1 (AERTS STEVEN et al.) 20 November 2008 See abstract, paragraphs 1-26, and figures 1, 2	1-27
A	WO 98-06330 A1 (DECIBEL INSTRUMENTS, INC.) 19 February 1998 See abstract, claim 1, and figure 1	1-27
A	US 2005-0078838 A1 (HENRY SIMON) 14 April 2005 See abstract, paragraphs 1-9, and figure 1	1-27

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

\* Special categories of cited documents:

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"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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