

Title (en)

A method of obtaining settings of a hearing instrument, and a hearing instrument

Title (de)

Methode zur Erwerbung von Einstellungsparameter eines Hörgerätes, und ein Hörgerät

Title (fr)

Une méthode d'obtenir des arrangements d'un instrument d'audition, et un instrument d'audition

Publication

EP 1830602 A1 20070905 (EN)

Application

EP 06405088 A 20060301

Priority

EP 06405088 A 20060301

Abstract (en)

According to the invention, a real ear acoustic coupling quantity representative of the acoustic coupling of a hearing instrument to the user's ear or an anatomical transfer quantity - for example the Real-Ear-to-Coupler-Difference (RECD), the Microphone Location Effect (MLE), the Coupler Response for Flat Insertion Gain (CORFIG), and/or the Real Ear Open Gain (REOG) - is obtained from a transfer function representative of an acoustic transfer from the receiver to the outer microphone such as a signal feedback threshold gain. The obtained quantity may be used for setting a fitting parameter of the hearing instrument, for example a gain correction.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/70 (2013.01); **H04R 25/453** (2013.01); **H04R 25/507** (2013.01); **H04R 2430/03** (2013.01)

Citation (applicant)

- EP 1309255 A1 20030514 - ROYLE STEPHEN [GB]
- EP 1624719 A2 20060208 - PHONAK AG [CH]
- EP 1594344 A2 20051109 - PHONAK AG [CH]

Citation (search report)

- [X] EP 1594344 A2 20051109 - PHONAK AG [CH]
- [X] WO 0028784 A1 20000518 - TOEPHOLM & WESTERMANN [DK], et al
- [A] EP 1624719 A2 20060208 - PHONAK AG [CH]

Cited by

CN114745649A; CN104248439A; EP2214424A3; EP2846559A1; CN104427455A; EP2203000A1; US9271666B2; US10602282B2; WO2013075255A1; US9374638B2; US9712908B2; EP2783522B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1830602 A1 20070905; EP 1830602 B1 20190731

DOCDB simple family (application)

EP 06405088 A 20060301