Title (en)

In-situ-fitted hearing device

Title (de)

Hörgerät mit in-situ Anpassung

Title (fr)

Prothèse auditive avec adaptation in-situ

Publication

EP 1617705 A2 20060118 (EN)

Application

EP 05021704 A 20051005

Priority

EP 05021704 A 20051005

Abstract (en)

The hearing device (1) is operable in a fitting mode and in a listening mode and comprises a transducer (2) for receiving, in the fitting mode, audio test signals (9), and for converting the audio test signals (9) into signals (6) to be perceived by the user in the fitting mode. It comprises a parameter memory means (16) for storing parameter settings (17), which parameter settings (17) are obtained from user input (11) received through a user interface (12) in response to the signals (6) perceived by the user in the fitting mode. And it comprises a signal processor (4) using the parameter settings (17) for correcting audio signals (7) at least in the listening mode. The user interface (12) is comprised in the hearing device (1) and the hearing device (1) comprises an audio signal source (8), in which audio signal source the audio test signals (9) are stored or generated.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/70 (2013.01); H04R 25/356 (2013.01); H04R 25/505 (2013.01); H04R 2225/39 (2013.01)

Citation (applicant)

- US 6668204 B2 20031223 - NEOH CHONG LIM [SG]
- US 2003133857 A1 20030717 - LE VINH N [SA], et al
- EP 1414271 A2 20040428 - PHONAK AG [CH]
- US 2004190739 A1 20040930 - BACHLER HERBERT [CH], et al

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CN103079160A; EP3949441A4; AU2006346462B2; EP3413585A1; EP1906700A3; DE102009024577A1; EP2262282A3; US7970146B2; US9942673B2; US11622216B2; WO2008141672A1; WO2022182480A1; WO2008009142A1; EP1906700A2; WO2012010199A1; US8320573B2; US9288593B2; EP2073570A1; EP2596646B1

Designated contracting state (EPC)

CH DE DK LI

DOCDB simple family (publication)

EP 1617705 A2 20060118; **EP 1617705 A3 20060517**; **EP 1617705 B1 20150311**; CA 2559689 A1 20070405; DK 1617705 T3 20150407

DOCDB simple family (application)

EP 05021704 A 20051005; CA 2559689 A 20060914; DK 05021704 T 20051005