

Title (en)

Device and method for adjusting a hearing aid

Title (de)

Vorrichtung und Verfahren zum Einstellen eines Hörgeräts

Title (fr)

Dispositif et procédé pour l'ajustage d'une prothèse auditive

Publication

EP 1453357 B1 20150401 (DE)

Application

EP 04002820 A 20040209

Priority

DE 10308655 A 20030227

Abstract (en)

[origin: EP1453357A2] The method involves entering a desired value (1) at a defined time, measuring a sound parameter(s) (3) for a first ambient situation at the defined time, automatically learning (4) adjustment values to be used depending on the desired value and the measured parameter(s), renewed measurement of a sound parameter(s) (5) for a second ambient situation and adjusting the hearing aid (6) to one of the adjustment values relating to the second situation. The method involves entering a desired adjustment value into the hearing aid at a defined time, measuring at least one sound parameter relating to a first ambient situation at the defined time, automatically learning adjustment values to be used depending on the desired adjustment value and the at least one measured sound parameter, renewed measurement of at least one sound parameter relating to a second ambient situation and adjusting the hearing aid to one of the adjustment values relating to the second situation. Independent claims are also included for the following: (a) an arrangement for adjusting a hearing aid (b) a hearing aid with an inventive arrangement (c) and an adjustment system with an inventive arrangement.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/70 (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (opposition)

Opponent : **Widex A/S**

- US 5144674 A 19920901 - MEYER WOLFRAM [DE], et al
- EP 0814634 A1 19971229 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- US 5303306 A 19940412 - BRILLHART BRUCE A [US], et al
- EP 0537026 A2 19930414 - UNITRON IND LTD [CA]

Cited by

EP2254354A1; DE102009021855A1; DE102008019898A1; EP1906700A3; EP1845751A1; US7869606B2; WO2007110073A1; US9351087B2; US9408002B2; EP1906700A2; US8139778B2

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EP 1453357 A2 20040901; **EP 1453357 A3 20091202**; **EP 1453357 B1 20150401**; DK 1453357 T3 20150713; US 2004208331 A1 20041021; US 7340074 B2 20080304

DOCDB simple family (application)

EP 04002820 A 20040209; DK 04002820 T 20040209; US 78992304 A 20040227