

Title (en)

Hearing-aid with stored,individual frequency response and related adaptation method

Title (de)

Hörgerät mit abgespeichertem, individuellem Frequenzgang und entsprechendes Anpassverfahren

Title (fr)

Prothèse auditive avec réponse de fréquence mémorisée,individuelle et procédé d'adaptation associé

Publication

EP 1599070 A3 20101215 (DE)

Application

EP 05104220 A 20050517

Priority

DE 102004025122 A 20040521

Abstract (en)

[origin: EP1599070A2] The hearing aid has a storage facility (S), into which data are selectably stored. The stored data is for frequency response data over an individually measured frequency response of available hearing. The frequency response is measured according to International Telecommunication Union, so that the frequency response data contains indirect information about the hearing of the hearing aid carrier. The frequency response is stored within the range of 100 Hz to 10 kHz. The frequency response is stored with 10 to 200 scanning values. The frequency response data are stored in a standardized format. An independent claim is included for a method for the adaptation of a hearing aid.

IPC 8 full level

H04R 25/02 (2006.01); **A61B 5/12** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

H04R 25/70 (2013.01 - EP US)

Citation (search report)

- [X] WO 0113674 A2 20010222 - HINRICHS RALF [DE]
- [I] EP 0681411 A1 19951108 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] WO 9009760 A1 19900907 - ENSONIC CORP [US]
- [A] US 4615007 A 19860930 - KING JAMES T [US], et al
- [I] US 2001005420 A1 20010628 - TAKAGI HIDEYUKI [JP], et al
- [I] DE 10152197 A1 20030508 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1599070 A2 20051123; **EP 1599070 A3 20101215**; DE 102004025122 A1 20051222; US 2006013421 A1 20060119; US 7587052 B2 20090908

DOCDB simple family (application)

EP 05104220 A 20050517; DE 102004025122 A 20040521; US 13291705 A 20050519