Title (en)

Method and hearing aid for parameter adaption by determining a speech intelligibility threshold

Title (de)

Verfahren und Hörgerät zur Parameteradaption durch Ermittlung einer Sprachverständlichkeitsschwelle

Title (fr)

Procédé et appareil auditif destinés à l'adaptation de paramètres en déterminant un seuil de compréhension de discours

Publication

EP 2178313 B1 20140507 (DE)

Application

EP 09168041 A 20090818

Priority

DE 102008052176 A 20081017

Abstract (en)

[origin: EP2178313A2] The method involves determining a speech intelligibility threshold by a hearing device, and exchanging data between the hearing device and an external unit. The determined speech intelligibility threshold is compared with a reference value that is stored in the hearing device or external unit. A hearing device parameter is adapted with the hearing device based on the comparison result. The speech intelligibility threshold is determined with a modulated noise, and basic setting of the hearing device parameter is performed by an audiogram. The hearing device parameter is selected from a group consisting of a time constant of compression, a time constant of fading in and fading out of noise reduction, omni cross fading or directional cross fading. Independent claims are also included for the following: (1) an external unit comprising a control unit (2) a computer program product comprising a computer program for executing a method for adapting a parameter of a hearing device.

IPC 8 full level

H04R 25/00 (2006.01); **G10L 21/02** (2013.01)

CPC (source: EP US)

H04R 25/70 (2013.01 - EP US); H04R 2225/43 (2013.01 - EP US)

Cited by

US9655894B2; US10325612B2; US10803880B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2178313 A2 20100421; **EP 2178313 A3 20130417**; **EP 2178313 B1 20140507**; DE 102008052176 A1 20100422; DE 102008052176 B4 20131114; DK 2178313 T3 20140811; US 2010098262 A1 20100422

DOCDB simple family (application)

EP 09168041 A 20090818; DE 102008052176 A 20081017; DK 09168041 T 20090818; US 57951209 A 20091015