

Title (en)

HEARING AID HAVING AN IMPROVED SPEECH INTELLIGIBILITY BY MEANS OF FREQUENCY SELECTIVE SIGNAL PROCESSING, AND A METHOD FOR OPERATING SUCH A HEARING AID

Title (de)

HÖRHILFE MIT VERBESSERTER SPRACHVERSTÄNDLICHKEIT DURCH FREQUENZSELEKTIVE SIGNALVERARBEITUNG SOWIE VERFAHREN ZUM BETRIEB EINER DERARTIGEN HÖRHILFE

Title (fr)

APPAREIL AUDITIF PERMETTANT UNE MEILLEURE COMPREHENSION DE LA PAROLE GRACE A UN TRAITEMENT DE SIGNAL SELECTIF EN FREQUENCE, ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN TEL APPAREIL AUDITIF

Publication

**EP 1101390 B1 20040414 (DE)**

Application

**EP 99934667 A 19990712**

Priority

- DE 19833434 A 19980724
- EP 9904884 W 19990712

Abstract (en)

[origin: WO0005923A1] The invention relates to a hearing aid comprising a microphone (1), a signal processing unit (2) and a listening device (3), whereby the signal processing unit (2) has a filter element (6) for splitting the signal into a number of partial signals (12). In addition, the hearing aid comprises an analyzing element (7) for detecting speech information found in the partial signals (12), and has a conditioning element (8) for boosting the partial signals (12) during the availability of speech. The invention also relates to a method for operating such a hearing aid.

IPC 1-7

**H04R 25/00**; **G10L 21/02**

IPC 8 full level

**G10L 21/02** (2006.01); **G10L 21/0208** (2013.01); **H04R 25/00** (2006.01); **G10L 21/0232** (2013.01)

CPC (source: EP US)

**G10L 21/0208** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US); **G10L 21/0232** (2013.01 - EP US); **H04R 2225/43** (2013.01 - EP US)

Cited by

EP3823306A1; CN112822617A; US11510018B2; EP4138416A1; EP3048813B1

Designated contracting state (EPC)

CH DE DK FR LI

DOCDB simple family (publication)

**WO 0005923 A1 20000203**; DE 59909190 D1 20040519; DK 1101390 T3 20040802; EP 1101390 A1 20010523; EP 1101390 B1 20040414; US 6768801 B1 20040727

DOCDB simple family (application)

**EP 9904884 W 19990712**; DE 59909190 T 19990712; DK 99934667 T 19990712; EP 99934667 A 19990712; US 74451701 A 20010312