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

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Application

EP 99934667 A 19990712

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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)

Citation (search report)

See references of WO 0005923A1

Cited by

EP3823306A1; CN112822617A; US11510018B2; EP4138416A1; EP3048813B1

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