

Title (en)

HEARING AID AND METHOD FOR PROCESSING MICROPHONE SIGNALS IN A HEARING AID

Title (de)

HÖRGERÄT UND VERFAHREN ZUM VERARBEITEN VON MIKROFONSIGNALEN IN EINEM HÖRGERÄT

Title (fr)

PROTHESE AUDITIVE ET PROCEDE DE TRAITEMENT DE SIGNAUX DE MICROPHONE DANS UNE PROTHESE AUDITIVE

Publication

**EP 1118248 A1 20010725 (DE)**

Application

**EP 99948785 A 19990917**

Priority

- DE 19844761 A 19980929
- EP 9906916 W 19990917

Abstract (en)

[origin: WO0019770A1] The invention relates to a hearing aid which contains a signal processing unit (18) for amplifying and/or muffling signal portions of at least two microphone signals (MIC1, MIC2) in a directional manner. The hearing aid is also provided with a signal analyzing unit (16) which is capable of changing at least one property of the directional amplification and/or muffling. A method for processing microphone signals in a hearing aid is characterized by the corresponding features. The invention provides a hearing aid which is characterized by high quality of transmission and noise suppression over a wide range of hearing situations.

IPC 1-7

**H04R 25/00**

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/407** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US)

Citation (search report)

See references of WO 0019770A1

Cited by

US7957548B2

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

**WO 0019770 A1 20000406**; DE 59911808 D1 20050428; EP 1118248 A1 20010725; EP 1118248 B1 20050323; US 6751325 B1 20040615

DOCDB simple family (application)

**EP 9906916 W 19990917**; DE 59911808 T 19990917; EP 99948785 A 19990917; US 80637401 A 20010529