

Title (en)

Hearing aid with a directional microphone system and method for operating such a hearing aid device

Title (de)

Hörhilfegerät mit einem Richtmikrofonsystem sowie Verfahren zum Betrieb eines derartigen Hörhilfegerätes

Title (fr)

Prothèse auditive avec système de microphone directif et procédé de fonctionnement d'une telle prothèse auditive

Publication

EP 2169984 B1 20190522 (DE)

Application

EP 09170157 A 20090914

Priority

DE 102008049086 A 20080926

Abstract (en)

[origin: EP2169984A2] The device (1) has directional microphones (M1-M3) picking up an acoustic input signal and creating electrical microphone signals (S1-S3). A signal processing unit (2) processes and amplifies the electrical microphone signal, and creates an electrical output signal. An earpiece (3) converts the electrical output signal into an acoustic output signal. The directional microphones provide directional effect based on the amplification of the electrical microphone signal, where the directional effect comprises a first-order directional effect set below a threshold value of the amplification. An independent claim is also included for a method for operating a hearing aid device.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/407 (2013.01 - EP US); **H04R 25/453** (2013.01 - EP US)

Citation (examination)

US 2005201579 A1 20050915 - ROECK HANS-UELI [CH]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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