

Title (en)

Hearing device with direction dependent signal processing and corresponding method

Title (de)

Hörervorrichtung mit richtungsabhängiger Signalverarbeitung und entsprechendes Verfahren

Title (fr)

Dispositif d'écoute avec un traitement de signaux à dépendance directionnelle et procédé correspondant

Publication

EP 1538874 B1 20110309 (DE)

Application

EP 04027529 A 20041119

Priority

DE 10356093 A 20031201

Abstract (en)

[origin: EP1538874A2] The hearing aid has a direction detection device, e.g. an adaptive directional microphone (RM), for detecting the direction of the source (Q) of the received sound waves, a sound classification device (GK), which assigns the received sound waves to different signal classes and a signal processing device (VE), for processing the received sound waves dependent on the detected direction and the signal classification. An independent claim for an operating method for a hearing aid is also included.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/407 (2013.01 - EP US); **H04R 1/32** (2013.01 - EP US)

Cited by

EP1848245A3; US8766765B2; US7957548B2; EP1848245A2; US8199945B2

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

EP 1538874 A2 20050608; EP 1538874 A3 20100120; EP 1538874 B1 20110309; DE 10356093 B3 20050602; DE 502004012283 D1 20110421; DK 1538874 T3 20110627; US 2005141736 A1 20050630; US 7386141 B2 20080610

DOCDB simple family (application)

EP 04027529 A 20041119; DE 10356093 A 20031201; DE 502004012283 T 20041119; DK 04027529 T 20041119; US 160204 A 20041201