

Title (en)

Method for operating a hearing aid system as well as a hearing aid system with a microphone system in which different directional characteristics are selectable

Title (de)

Verfahren zum Betrieb eines Hörhilfegerätes sowie Hörhilfegerät mit einem Mikrofonsystem, bei dem unterschiedliche Richtcharakteristiken einstellbar sind

Title (fr)

Procédé pour l'opération d'une prothèse auditive ainsi qu'une prothèse auditive avec un système de microphone dans lequel différents caractéristiques de directivité sont sélectionnables

Publication

**EP 1489885 B1 20120307 (DE)**

Application

**EP 04013290 A 20040604**

Priority

DE 10327889 A 20030620

Abstract (en)

[origin: DE10327889B3] The method involves determining the quiet listening threshold of a hearing aid wearer depending on the signal frequency of a test signal that is fed into the wearer's ear and adjusting the directional characteristic of the microphone system (1-3) depending on the frequency of the acoustic input signal and the determined threshold. Independent claims are also included for the following: (a) a hearing aid with a microphone system with a variable directional characteristic (b) and a programming device for programming a hearing aid.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/407** (2013.01 - EP US); **H04R 25/70** (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Cited by

US9484042B2; WO2013020380A1

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

**DE 10327889 B3 20040916**; AU 2004202677 A1 20050113; AU 2004202677 B2 20070208; CN 1575043 A 20050202; CN 1575043 B 20100526; DK 1489885 T3 20120702; EP 1489885 A2 20041222; EP 1489885 A3 20090729; EP 1489885 B1 20120307; US 2005008166 A1 20050113; US 7330557 B2 20080212

DOCDB simple family (application)

**DE 10327889 A 20030620**; AU 2004202677 A 20040618; CN 200410059732 A 20040621; DK 04013290 T 20040604; EP 04013290 A 20040604; US 87143404 A 20040618