

Title (en)

Real-ear zoom hearing device

Title (de)

Hörhilfegerät mit einer Zoom-Funktion für das Ohr eines Individuums

Title (fr)

Prothèse auditive avec une fonction zoom pour l'oreille d'un individu

Publication

EP 1443798 B1 20060607 (EN)

Application

EP 04002886 A 20040210

Priority

EP 04002886 A 20040210

Abstract (en)

[origin: EP1443798A2] There is proposed a hearing device with a behind-the-ear microphone arrangement (1) not to be placed in the ear canal (5) whereat beamforming (9) provides for substantially constant amplification independent of direction of arrival of an acoustical signal at a predetermined frequency (10) and provides above such frequency directivity so as to reestablish a head-related-transfer-function of the individual.

IPC 8 full level

H04R 3/00 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP)

H04R 3/005 (2013.01); **H04R 25/407** (2013.01)

Cited by

EP2262285A1; CN114071314A; CN106911991A; AU2008207437B2; EP2088802A1; WO2010133701A2; US8204263B2; WO2011015674A1; US9232318B2; US8526647B2

Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

EP 1443798 A2 20040804; **EP 1443798 A3 20040825**; **EP 1443798 B1 20060607**; CA 2490845 A1 20050810; CA 2490845 C 20100914; DE 602004001058 D1 20060720; DE 602004001058 T2 20061221; DK 1443798 T3 20061009

DOCDB simple family (application)

EP 04002886 A 20040210; CA 2490845 A 20041222; DE 602004001058 T 20040210; DK 04002886 T 20040210