

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 A2 20040804 (EN)**

Application  
**EP 04002886 A 20040210**

Priority  
EP 04002886 A 20040210

Abstract (en)  
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 1-7  
**H04R 3/00**; **H04R 25/00**

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

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

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