

Title (en)  
Individually adaptable hearing device

Title (de)  
Individuell anpassbare Hörvorrichtung

Title (fr)  
Dispositif d'écoute adaptable individuellement

Publication  
**EP 1768446 A1 20070328 (DE)**

Application  
**EP 06120677 A 20060914**

Priority  
DE 102005045899 A 20050926

Abstract (en)  
The device has a signal processing unit (3) processing an incoming audio signal, and a loudspeaker (4) converting the processed audio signal into an acoustic output signal. A control device (5) adjusts the signal processing in the unit based on the requirement of user profiles (6A, 6B), where the profiles are stored and activated for the individual adjustment of signal processing to different users. A hearing testing device detects individual hearing loss of the users and produces control parameters for the adjustment of the signal processing.

IPC 8 full level  
**H04R 5/04** (2006.01); **A61B 5/12** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)  
**H04R 5/04** (2013.01 - EP US); **H04R 25/70** (2013.01 - EP US); **H04R 2205/041** (2013.01 - EP US)

Citation (search report)

- [X] US 2005078838 A1 20050414 - SIMON HENRY [US]
- [XA] US 2003028385 A1 20030206 - CHRISTODOULOU ATHENA [GB]
- [A] EP 1089526 A2 20010404 - LUCENT TECHNOLOGIES INC [US]
- [A] US 2005094822 A1 20050505 - SWARTZ ROBERT [US]

Cited by  
EP2262282A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1768446 A1 20070328**; DE 102005045899 A1 20070419; US 2007071263 A1 20070329

DOCDB simple family (application)  
**EP 06120677 A 20060914**; DE 102005045899 A 20050926; US 52720806 A 20060926