

Title (en)  
Binaural hearing system with magnetic control

Title (de)  
Binaurales Hörsystem mit magnetischer Steuerung

Title (fr)  
Appareil auditif binaural avec commande magnétique

Publication  
**EP 1850636 B1 20111019 (DE)**

Application  
**EP 07106026 A 20070412**

Priority  
DE 102006019693 A 20060427

Abstract (en)  
[origin: EP1850636A2] The system has hearing devices (1, 2) e.g. handset or earphone, for carrying in/at ear. The hearing devices have a corresponding permanent magnet (11) and a magnetic field sensor (22), so that the device (2) is controllable in a preset way when the device (1) is located spatially adjacent to the device (2) and the sensor detects a magnetic field of the magnet or appropriate magnetic flux. The device (2) has a ferromagnetic unit (21), which cooperates with the permanent magnet, where magnetic flux in the ferromagnetic unit is detectable with the magnetic sensor. An independent claim is also included for a method for controlling a hearing aid system.

IPC 8 full level  
**H04R 25/02** (2006.01)

CPC (source: EP US)  
**H04R 25/552** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 1/1041** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP US)

Cited by  
EP2217003A1; EP2012557A3; US8126174B2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**EP 07106026 A 20070412**; AT 07106026 T 20070412; DE 102006019693 A 20060427; DK 07106026 T 20070412; US 78923007 A 20070424