

Title (en)

Hearing aid device system with magnetic field sensors

Title (de)

Hörhilfegerätesystem mit Magnetfeldsensoren

Title (fr)

Système d'aide auditive doté de capteurs de champ magnétique

Publication

EP 2028881 B1 20110727 (DE)

Application

EP 08105009 A 20080811

Priority

DE 102007039455 A 20070821

Abstract (en)

[origin: EP2028881A2] The system has two hearing aid devices (1, 11) with microphones (2, 12), signal processing units (3, 13) and headsets (4, 14). Transmission-and-control units (5, 15) and transmitting-and-receiving coils (7, 17) are provided for wireless signal transmission between the aid devices. The aid devices exhibit respective sensor units for detecting an outer magnetic field. One aid device is automatically switched into an operating mode when one sensor unit detects the magnetic field. Both the aid devices are switched-off when the sensor units simultaneously detect the magnetic field. An independent claim is also included for a method for operating a hearing aid device system.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/43 (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 2225/31** (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US); **H04R 2225/61** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP US)

Cited by

US9148737B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2028881 A2 20090225; **EP 2028881 A3 20100714**; **EP 2028881 B1 20110727**; AT E518384 T1 20110815; DE 102007039455 A1 20090226; DK 2028881 T3 20111031; US 2009052707 A1 20090226

DOCDB simple family (application)

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