

Title (en)

Fully automatic on-off switching for hearing aids

Title (de)

Vollautomatisches Ein-/Ausschalten bei Hörhilfegeräten

Title (fr)

Mise en marche et arrêt totalement automatique pour appareils auditifs

Publication

EP 2043388 B1 20141217 (DE)

Application

EP 08105226 A 20080904

Priority

DE 102007046437 A 20070928

Abstract (en)

[origin: EP2043388A2] The system has control units (5, 15) and receiving coils (7, 17) for wireless signal transmission between hearing-aids (1, 11). An output transducer i.e. micro phone, converts an electrical output signal into an output signal realized by a user as an acoustic signal. The hearing-aid (1) includes an on-off switch for switching-on and/or switching-off of the hearing-aid (1) depending on field strength. An electro magnetic signal is wirelessly transmitted from the hearing-aid (11) to the hearing-aid (1), where the electro magnetic signal is received in the hearing-aid (1). An independent claim is also included for a method for operating a hearing-aid system.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/505 (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 2225/61** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP US)

Cited by

EP4046391A4; US11937041B2; US9148737B2; WO2024000174A1

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 2043388 A2 20090401; **EP 2043388 A3 20130731**; **EP 2043388 B1 20141217**; CN 101400014 A 20090401; CN 101400014 B 20160518; DE 102007046437 A1 20090423; DE 102007046437 B4 20090730; DK 2043388 T3 20150330; US 2009087005 A1 20090402; US 8130990 B2 20120306

DOCDB simple family (application)

EP 08105226 A 20080904; CN 200810213365 A 20080902; DE 102007046437 A 20070928; DK 08105226 T 20080904; US 28367708 A 20080915