

Title (en)

Hearing aid with a magnetic field controlled switch and corresponding method for operating a hearing aid

Title (de)

Hörhilfegerät mit magnetfeldgesteuertem Schalter und entsprechendes Verfahren zum Betreiben eines Hörhilfegeräts

Title (fr)

Prothèse auditive avec un commutateur commandé par un champ magnétique et procédé correspondant pour opérer une prothèse auditive

Publication

EP 1519486 A3 20100113 (DE)

Application

EP 04021820 A 20040914

Priority

DE 10344367 A 20030924

Abstract (en)

[origin: EP1519486A2] The hearing aid has a switch for automatic switching between 2 alternate hearing assistance functions, provided with at least one magnetic field controlled ferrite component (12), exhibiting an impedance variation detected by a bridge circuit, for initiating switching between the alternate functions, e.g. a microphone mode and a telephone coil mode.

IPC 8 full level

H03K 17/80 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

H04R 25/43 (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 2225/61** (2013.01 - EP US)

Citation (search report)

- [DX] DE 19633321 A1 19971106 - GREINER E A OLAF [CH]
- [DX] DE 3109049 A1 19820930 - SIEMENS AG [DE]
- [PX] EP 1398995 A2 20040317 - STARKEY LABS INC [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1519486 A2 20050330; **EP 1519486 A3 20100113**; AU 2004214555 A1 20050407; AU 2004214555 B2 20081023; DE 10344367 A1 20050504; DE 10344367 B4 20100114; US 2005105752 A1 20050519; US 7496206 B2 20090224

DOCDB simple family (application)

EP 04021820 A 20040914; AU 2004214555 A 20040924; DE 10344367 A 20030924; US 94989304 A 20040924