

Title (en)

Hearing-aid device with switching device for switching on/off and corresponding method

Title (de)

Hörgerätevorrichtung mit einer Schalteinrichtung zum An- und Abschalten sowie entsprechendes Verfahren

Title (fr)

Dispositif de prothèse auditive avec dispositif de commutation pour la marche et l'arrêt et procédé correspondant

Publication

EP 1596632 A3 20101215 (DE)

Application

EP 05103892 A 20050510

Priority

DE 102004023049 A 20040511

Abstract (en)

[origin: EP1596632A2] An in the ear hearing aid has a circuit switching it on and off using an impedance sensor to detect an volume dependent electrical load impedance related to a temperature sensor (TS), pressure sensor, acoustic noise level sensor or remote control. Independent claims are included for the procedures used to switch the hearing aid.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 25/02** (2006.01)

CPC (source: EP US)

H04R 25/558 (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 2225/61** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP US)

Citation (search report)

- [X] US 4955729 A 19900911 - MARX GUENTER [DE]
- [X] US 6532294 B1 20030311 - RUDELL ELLIOT A [US]
- [X] EP 0674466 A1 19950927 - COHAUSZ EGBERT [DE]
- [X] DE 3840393 A1 19890615 - VIENNATONE GMBH [AT]

Cited by

EP2043388A3; CN113825083A; EP3192281A1; EP2061276A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1596632 A2 20051116; EP 1596632 A3 20101215; DE 102004023049 A1 20051201; DE 102004023049 B4 20060504;
US 2005254676 A1 20051117; US 7522739 B2 20090421

DOCDB simple family (application)

EP 05103892 A 20050510; DE 102004023049 A 20040511; US 12608805 A 20050510