

Title (en)
Hearing-aid

Title (de)
Hörhilfegerät

Title (fr)
Prothèse auditive

Publication
EP 1915032 A3 20110420 (DE)

Application
EP 07118274 A 20071011

Priority
DE 102006049661 A 20061018

Abstract (en)
[origin: EP1915032A2] The device (1) has a portable device part (2) at or behind an ear of a user, and an ear piece (3) partially inserted into an auditory canal. A signal processing unit (11) e.g. digital signal processor, in the part amplifies an electrical input signal and generates an electrical output signal that is converted into an acoustic output signal by a receiver (14) arranged in the ear piece. A connecting piece (4) has an electrical conductor (19) to electrically connect the unit and receiver. The piece (4) has a section of a ventilating channel for barometric pressure compensation of the receiver.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP US)
H04R 25/652 (2013.01 - EP US); **H04R 25/604** (2013.01 - EP US); **H04R 25/654** (2013.01 - EP US); **H04R 2225/0213** (2019.04 - EP US); **H04R 2225/0216** (2019.04 - EP US); **H04R 2460/11** (2013.01 - EP US)

Citation (search report)

- [AD] DE 29801567 U1 19980416 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] EP 1257151 A2 20021113 - VOSSIECK GMBH DR [DE]

Cited by
AT517194B1; DE102009009174A1; EP2552129A1; EP2026606A1; DE102009038372A1; US8755551B2; WO2011023687A1; US8325958B2

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1915032 A2 20080423; EP 1915032 A3 20110420; EP 1915032 B1 20120104; AT E540540 T1 20120115; AU 2007229377 A1 20080508; AU 2007229377 B2 20100527; CN 101272638 A 20080924; CN 101272638 B 20120905; DK 1915032 T3 20120507; JP 2008104183 A 20080501; JP 4708404 B2 20110622; US 2008095390 A1 20080424; US 8379895 B2 20130219

DOCDB simple family (application)
EP 07118274 A 20071011; AT 07118274 T 20071011; AU 2007229377 A 20071018; CN 200710199982 A 20071018; DK 07118274 T 20071011; JP 2007268636 A 20071016; US 97532907 A 20071018