

Title (en)

Hearing aid with oscillation decoupled earpiece

Title (de)

Hörereinrichtung mit schwingungsentkoppeltem Hörer

Title (fr)

Dispositif de prothèse auditive avec oreillette découplée des oscillations

Publication

**EP 2180725 A3 20131030 (DE)**

Application

**EP 09171355 A 20090925**

Priority

DE 102008052683 A 20081022

Abstract (en)

[origin: EP2180725A2] The device has a receiver (14) for converting electrical signals, and a hollow-cylindrical earpiece (11) adapted to an ear canal during wearing of the device. A shaft (17) is attached to the receiver, and has a periphery smaller than a periphery of the receiver with respect to a common axis. A hollow-cylindrical carrier element (19) is arranged between the shaft and an inner wall of the earpiece, and movably holds the shaft in the earpiece. A material of the carrier element is softer than an inner wall of a tubular base part (10).

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/456** (2013.01 - EP US); **H04R 25/604** (2013.01 - EP US); **H04R 25/656** (2013.01 - EP US)

Citation (search report)

- [XA] WO 2004100608 A2 20041118 - SONIC INNOVATIONS INC [US], et al
- [A] US 6212283 B1 20010403 - FLETCHER HENRY [US], et al
- [A] US 6208741 B1 20010327 - SHENNIB ADNAN [US], et al

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2180725 A2 20100428; EP 2180725 A3 20131030; EP 2180725 B1 20170315**; DE 102008052683 B3 20100401; DK 2180725 T3 20170703; US 2010098286 A1 20100422; US 8243976 B2 20120814

DOCDB simple family (application)

**EP 09171355 A 20090925**; DE 102008052683 A 20081022; DK 09171355 T 20090925; US 57729009 A 20091012