

Title (en)

Hearing device with supplementary screening device

Title (de)

Hörer mit zusätzlicher Abschirmeinrichtung

Title (fr)

Appareil auditif avec dispositif de protection supplémentaire

Publication

EP 1903835 A3 20110316 (DE)

Application

EP 07113667 A 20070802

Priority

DE 102006043909 A 20060919

Abstract (en)

[origin: EP1903835A2] The hearer has a soft-magnetic housing (10) with an electrical connection contacts (12, 13) at an external wall, and an electro-acoustic transducer (14) e.g. loudspeaker, arranged in the housing and controllable by the connection contacts from the outside of the hearer. A shielding plate (15) and an induction coil are attached in the housing for magnetically shielding between the external wall with the connection contacts and the electro-acoustic transducer. The induction coil is arranged transverse to a magnetic axle of the electro-acoustic transducer. An independent claim is also included for a hearing aid with a telemetry mechanism for electromagnetic communication with external equipment.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/554 (2013.01 - EP US); **H04R 25/604** (2013.01 - EP US); **H04R 2225/49** (2013.01 - EP US)

Citation (search report)

- [XA] US 3671684 A 19720620 - TIBBETTS GEORGE C, et al
- [AD] DE 10236940 B3 20040219 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [AD] DE 19854201 A1 20000621 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

Cited by

CN111479201A; EP1959712A3; EP2375784A3; EP1959712A2; US8649542B2

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 1903835 A2 20080326; EP 1903835 A3 20110316; DE 102006043909 B3 20080417; US 2008226108 A1 20080918

DOCDB simple family (application)

EP 07113667 A 20070802; DE 102006043909 A 20060919; US 90083607 A 20070913