

Title (en)

Receiver module for a hearing device, hearing device and hearing device earpiece

Title (de)

Empfängermodul für ein Hörgerät, Hörgerät und Kopfhörer für ein Hörgerät

Title (fr)

Module récepteur pour prothèse auditive, prothèse auditive et écouteur de prothèse auditive

Publication

**EP 2091267 A1 20090819 (EN)**

Application

**EP 08101666 A 20080215**

Priority

EP 08101666 A 20080215

Abstract (en)

The present invention refers to a receiver module (21 T) of a hearing device (10). The receiver module is adapted for insertion into a canal element (22) of the hearing device which further comprises a circuit module (11). The canal element is to be arranged in a user's ear canal and defines a closed portion of the user's ear canal between the canal element and the user's eardrum. The receiver module comprises a sensor (50) arranged at a distal end (25) of the receiver module for sensing acoustical conditions (sound signals) in the closed portion of the user's ear canal and generating corresponding detection signals which are subject to a predetermined processing by said circuit module, a connector (12) for communicating said detection signals to said circuit module, and fastening elements (24, 27) for removably fixing said receiver module in said canal element.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/656** (2013.01)

Citation (applicant)

- US 2005244026 A1 20051103 - NIELSEN HENRIK [DK], et al
- US 5606621 A 19970225 - REITER JAMES J [US], et al
- US 2004010181 A1 20040115 - FEELEY JIM [US], et al

Citation (search report)

- [Y] US 4759070 A 19880719 - VOROBIA BARRY [US], et al
- [Y] US 2003178247 A1 20030925 - SALTYSKOV OLEG [US]
- [Y] JP 2001149346 A 20010605 - RION CO
- [Y] WO 2008017326 A1 20080214 - WIDEX AS [DK], et al
- [A] WO 2005055656 A1 20050616 - SONOMAX HEARING HEALTHCARE INC [CA], et al
- [A] CH 678692 A5 19911031 - PHONAK AG
- [A] US 5185802 A 19930209 - STANTON MARK F [US]

Cited by

EP3860147A1; US2023133275A1; US9319817B2; WO2011076246A1; WO2013091724A1; JP2013515410A; US11252503B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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