

Title (en)

A HEARING DEVICE INCLUDING AN EXTERNAL ANTENNA PART AND AN INTERNAL ANTENNA PART

Title (de)

HÖRGERÄT MIT EINEM EXTERNEN ANTENNENTEIL UND EINEM INTERNEN ANTENNENTEIL

Title (fr)

DISPOSITIF AUDITIF COMPRENANT UNE PARTIE D'ANTENNE EXTERNE ET UNE PARTIE D'ANTENNE INTERNE

Publication

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Application

EP 18181502 A 20180703

Priority

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Abstract (en)

The disclosure presents a method and a hearing device comprising a first portion adapted for being arranged behind an ear of a user for providing a signal, an output transducer for converting the signal to an acoustic output, a coupling element coupled to the first portion, and wherein the coupling element is adapted for transmitting at least the signal or the acoustic output. Furthermore, the hearing device comprises an antenna which includes an external antenna part and an internal antenna part, where the internal antenna part includes a first antenna element, a second antenna element where a first end of the second antenna element is arranged at one end of the first antenna element and is connected thereto, and where a second end of the second antenna element is connected to a ground plane, and a third antenna element which is spaced at a distance from the second antenna element and connected to the first antenna element, a feeding unit configured to supply a current to the antenna via the third antenna element, a wireless interface for receiving and/or sending data by means of the antenna, and wherein the coupling element comprises the external antenna part, and where the external antenna part is connected to the internal antenna part.

IPC 8 full level

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H04R 2225/51 (2013.01 - CN EP)

Citation (search report)

- [X] WO 2015127972 A1 20150903 - SONOVA AG [CH]
- [A] US 2014328507 A1 20141106 - RABEL JAY [US], et al
- [A] EP 2835863 A1 20150211 - OTICON AS [DK]

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EP4120697A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

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