

Title (en)

ITE HEARING AID WITH IMPROVED WIRELESS COMMUNICATION

Title (de)

IN-OHR-HÖRGERÄT MIT VERBESSERTER DRAHTLOSKOMMUNIKATION

Title (fr)

PROTHÈSE AUDITIVE INTRACONDUIT AVEC AMÉLIORATION DE COMMUNICATION SANS FIL

Publication

EP 3174314 B1 20200401 (EN)

Application

EP 15196261 A 20151125

Priority

EP 15196261 A 20151125

Abstract (en)

[origin: EP3174314A1] Disclosed is an in-the-ear hearing aid, the hearing aid having a first end and a second end, the hearing aid comprising a microphone configured to receive sound, a processing unit configured to provide a processed audio signal for compensating a hearing loss of a user, an output transducer for providing an acoustic output, an antenna and a wireless communication unit for wireless communication, where the antenna is provided closer to the first end than to the second end of the hearing aid, and a polarization element configured for forming the polarization of the antenna, where the polarization element is provided between the first end and the second end of the hearing aid.

IPC 8 full level

H01Q 1/27 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

H01Q 1/273 (2013.01 - EP); **H04R 25/552** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP); **H04R 25/60** (2013.01 - EP US); **H04R 25/609** (2019.04 - EP US); **H04R 2225/025** (2013.01 - EP); **H04R 2225/49** (2013.01 - EP); **H04R 2225/51** (2013.01 - EP)

Cited by

EP3780267A1; US11785400B2; US11451911B2; EP3629603B1

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DOCDB simple family (publication)

EP 3174314 A1 20170531; **EP 3174314 B1 20200401**; DK 3174314 T3 20200602; EP 3681176 A1 20200715

DOCDB simple family (application)

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