Title (en)

BONE CONDUCTION HEARING AID SYSTEM

Title (de)

KNOCHENLEITENDES HÖRHILFESYSTEM

Title (fr)

SYSTÈME DE PROTHÈSE AUDITIVE À CONDUCTION OSSEUSE

Publication

EP 3216233 A4 20171122 (EN)

Application

EP 15857326 A 20151016

Priority

- US 201414535259 A 20141106
- US 2015056027 W 20151016

Abstract (en)

[origin: WO2016073167A2] A bone conduction hearing aid system for generating bone conduction vibrations is disclosed. The bone conduction hearing aid system has a hearing aid (101) with a vibrator (102). The hearing aid system includes an interconnection unit (104) to connect the hearing aid (101) to the user. There is a coupling between the interconnection unit (104) and the hearing aid (101) to connect and disconnect the hearing aid (101) to and from the interconnection unit (104). The interconnection unit (104) has a connection portion (105) and contact plate portion (144). The connection portion (105) and the contact plate portion (144) are designed in one integral piece of continuous polymer material. The interconnection unit (104) has a concave or planar adhesive surface that can be adhered to the skin (113) on the head of the user without applying any specific pressure against the skin (113). The sound vibrations are transmitted from the vibrator (102) to the hearing organ as bone conduction sound vibrations.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/606 (2013.01); H04R 25/554 (2013.01); H04R 2225/67 (2013.01); H04R 2460/13 (2013.01)

Citation (search report)

- [X] US 2014233765 A1 20140821 - ANDERSSON MARCUS [SE], et al
- See references of WO 2016073167A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016073167 A2 20160512; **WO 2016073167 A3 20160818**; AU 2015343561 A1 20170406; AU 2015343561 B2 20180628; EP 3216233 A2 20170913; EP 3216233 A4 20171122; EP 3216233 B1 20221130

DOCDB simple family (application)

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