

Title (en)

HEARING DEVICE WITH A LIGHT GUIDE AND METHOD FOR MANUFACTURING SUCH A HEARING DEVICE

Title (de)

HÖRGERÄT MIT EINEM LICHTLEITER UND VERFAHREN ZUR HERSTELLUNG EINES DERARTIGEN HÖRGERÄTS

Title (fr)

DISPOSITIF AUDITIF COMPRENANT UN GUIDE LUMINEUX ET PROCÉDÉ DE FABRICATION D'UN TEL DISPOSITIF AUDITIF

Publication

**EP 2577995 A2 20130410 (EN)**

Application

**EP 10723118 A 20100607**

Priority

EP 2010057919 W 20100607

Abstract (en)

[origin: WO2010092193A2] The hearing device (1) comprises a behind-the-ear module (2) and an in-the-ear module (11) connected by a connector (12). A light emitting (4) and/or a light detecting (5) device are arranged in close proximity of an end (13) of the connector (12). The connector (12) functions as a light guide such that light (6) from the light emitting device (4) is emitted at sections (7) where the connector (12) has a rough surface. The hearing device (1) is less costly and more user friendly than a conventional one because there is no need for transparent windows in the casing and the location of light emission can be chosen more freely, for example half-way between the behind-the-ear module (2) and the in-the-ear module (11).

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/30** (2013.01 - EP US); **H04R 25/652** (2013.01 - EP US); **H04R 25/658** (2013.01 - EP US); **H04R 25/60** (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 25/607** (2019.04 - EP US); **H04R 25/656** (2013.01 - EP); **H04R 2225/0213** (2019.04 - EP US); **H04R 2225/57** (2019.04 - EP US); **H04R 2225/61** (2013.01 - EP US)

Citation (search report)

See references of WO 2010092193A2

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