

Title (en)

HEARING AID FOR PEOPLE HAVING ASYMMETRIC HEARING LOSS

Title (de)

HÖRGERÄT FÜR PERSONEN MIT ASYMMETRISCHEM HÖRVERLUST

Title (fr)

AIDE AUDITIVE POUR PERSONNES AYANT UNE PERTE AUDITIVE ASYMÉTRIQUE

Publication

EP 4055837 A4 20240110 (EN)

Application

EP 20884191 A 20201231

Priority

- US 201916673788 A 20191104
- US 202016740414 A 20200111
- US 2020067609 W 20201231

Abstract (en)

[origin: WO2021092602A1] A hearing aid is provided for use with a user having a first and second ears disposed on first and second body sides. The hearing aid apparatus is configured for enabling the user to hear sounds that originate from a plurality of directions and includes a first hearing aid member placeable on a user's first body side. The first hearing aid member includes a first transducer for receiving sounds that would be received by the user's first ear and converting those received sounds into first transmittable electrical signals. A second hearing aid member is placeable on the user's second body side and is preferably a cochlear implant device including an electrode array positionable within a cochlea of a user. The cochlear implant device includes a second transducer for receiving sounds that would be received by the user's second ear, and converting the sounds into second electrical signals; and also includes a receiver for receiving the first transmittable electrical signals, and a first signal processor for processing the second electrical signals and first transmittable electrical signals into signals configured for being received by the cochlea of user's second ear for facilitating the hearing of sounds that would be received by both of the user's first and second ears.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP)

H04R 25/554 (2013.01); **H04R 25/604** (2013.01); **A61N 1/36038** (2017.07); **H04R 29/008** (2013.01); **H04R 2225/53** (2013.01); **H04R 2225/55** (2013.01); **H04R 2225/67** (2013.01); **H04R 2460/13** (2013.01)

Citation (search report)

- [XY] US 2017085998 A1 20170323 - FRITSCH MICHAEL H [US]
- [XP] US 2020236475 A1 20200723 - FRITSCH MICHAEL H [US]
- [Y] US 2015124975 A1 20150507 - PONTOPPIDAN NIELS HENRIK [DK]
- See references of WO 2021092602A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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