

Title (en)

A HEARING AID WITH IMPROVED SUSPENSION

Title (de)

HÖRGERÄT MIT VERBESSERTER AUFHÄNGUNG

Title (fr)

PROTHÈSE AUDITIVE AVEC SUSPENSION AMÉLIORÉE

Publication

EP 4362499 A1 20240501 (EN)

Application

EP 23166456 A 20230404

Priority

EP 23166456 A 20230404

Abstract (en)

A hearing aid is disclosed. The hearing aid includes a receiver configured to receive a sound in the environment, the receiver having a first end, a second end opposite the first end, and an outer surface connecting the first end with the second end. The hearing aid includes a suspension layer at least partially covering the outer surface of the receiver. The hearing aid includes an impact absorbing layer at least partially covering the outer surface of the receiver, wherein the impact absorbing layer is a different material than the suspension layer. The hearing aid includes a housing surrounding the receiver, the suspension layer, and the impact absorbing layer.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 1/02** (2006.01); **H04R 1/28** (2006.01)

CPC (source: EP)

H04R 1/025 (2013.01); **H04R 1/288** (2013.01); **H04R 25/604** (2013.01)

Citation (search report)

- [X1] EP 4156708 A1 20230329 - GN HEARING AS [DK]
- [X1] US 2018176678 A1 20180621 - BOLSMAN CASPAR TITUS [NL], et al
- [X1] US 2002146141 A1 20021010 - GESCHIERE ONNO [NL], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

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DOCDB simple family (publication)

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