

Title (en)

HEARING AID AND METHOD OF MANUFACTURING A HEARING AID

Title (de)

FERTIGUNGSVERFAHREN FÜR EINE HÖRVORRICHTUNG UND HÖRVORRICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN APPAREIL AUDITIF ET APPAREIL AUDITIF

Publication

EP 3668119 C0 20230628 (DE)

Application

EP 19208973 A 20191113

Priority

DE 102018221696 A 20181213

Abstract (en)

[origin: US2020196075A1] A manufacturing method for a hearing device, in particular for a hearing aid device, includes preassembling at least one signal processor and at least one microphone in a predetermined position spatially fixed in relation to one another to form an electronic base module. The electronic base module is subsequently inserted into a plastic molding tool and positioned and held in the plastic molding tool by using at least one structural element of the electronic base module, which is in contact with the surroundings in an intended final manufacturing state. Plastic is then introduced into the plastic molding tool to form a main housing for the electronic base module, in which the electronic base module is embedded. A sound channel is kept free for a fluidic connection of the microphone to the surroundings. A hearing device is also provided.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: CN EP US)

H04R 25/602 (2013.01 - US); **H04R 25/609** (2019.04 - US); **H04R 25/652** (2013.01 - US); **H04R 25/658** (2013.01 - EP US); **H04R 31/00** (2013.01 - CN); **H04R 31/006** (2013.01 - CN); **H04R 2225/021** (2013.01 - US)

Cited by

US11825274B2

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

DE 102018221696 B3 20200227; CN 111328011 A 20200623; EP 3668119 A1 20200617; EP 3668119 B1 20230628; EP 3668119 C0 20230628; US 2020196075 A1 20200618

DOCDB simple family (application)

DE 102018221696 A 20181213; CN 201911272210 A 20191212; EP 19208973 A 20191113; US 201916713316 A 20191213