

Title (en)
Hearing aid with removable attached earpiece

Title (de)
Hörvorrichtung mit lösbar angekoppeltem Ohrstück

Title (fr)
Dispositif auditif avec oreillette amovible

Publication
EP 2360947 A3 20150429 (DE)

Application
EP 10193584 A 20101203

Priority
DE 102010007610 A 20100211

Abstract (en)
[origin: EP2360947A2] The device has a pipe (18) formed as a component of an acoustic hose (14) and/or an in-ear-speaker. A capsule (22) is secured at or in an ear piece (10) i.e. ear plug, as an independent component. The pipe includes a connecting piece for conducting sound, and the capsule includes a socket, where the connecting piece is caught in the socket for connecting the pipe and the capsule. The hose or in-ear-speaker is coupled and releasably connected with the ear piece. The capsule is manufactured from a material, which is harder than a material of the ear piece.

IPC 8 full level
H04R 25/00 (2006.01); **H04R 1/10** (2006.01)

CPC (source: EP US)
H04R 1/1066 (2013.01 - EP US); **H04R 25/60** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP US); **H04R 1/105** (2013.01 - EP US);
H04R 2225/57 (2019.04 - EP US)

Citation (search report)

- [X] GB 606272 A 19480811 - ZENITH RADIO CORP
- [X] US 4311206 A 19820119 - JOHNSON RUBEIN V
- [X] EP 2152025 A1 20100210 - SIEMENS MEDICAL INSTR PTE LTD [SG]
- [X] EP 1993324 A2 20081119 - SIEMENS MEDICAL INSTR PTE LTD [SG]

Cited by
WO2020212483A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2360947 A2 20110824; EP 2360947 A3 20150429; CN 102158790 A 20110817; CN 102158790 B 20150218;
DE 102010007610 A1 20110811; DE 102010007610 B4 20121129; US 2011194716 A1 20110811; US 8718306 B2 20140506

DOCDB simple family (application)
EP 10193584 A 20101203; CN 201110035885 A 20110211; DE 102010007610 A 20100211; US 201113025382 A 20110211