

Title (en)

Earpiece supports and ear fitting piece for a hearing aid and use of a thermoplast to create an ear fitting piece

Title (de)

Hörerstützen und Ohrpassstück für ein Hörgerät sowie Verwendung eines Thermoplasts zur Herstellung eines Ohrpassstücks

Title (fr)

Aide auditive et élément d'adaptation à l'oreille pour appareil auditif et utilisation d'un produit thermoplastique pour la fabrication d'un élément d'adaptation à l'oreille

Publication

**EP 2194731 A3 20110209 (DE)**

Application

**EP 09169944 A 20090910**

Priority

DE 102008060701 A 20081205

Abstract (en)

[origin: EP2194731A2] The earpiece adapter (1) has a spherical section (2), a conical section (3) which is formed at the end facing an ear mold and tapers towards the ear mold. The conical section is formed such that it forms a stop at the tilting of the earpiece adapter in the ear mold. The earpiece adapter is rotation symmetrically formed. An independent claim is also included for an ear mold with an adapter element.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/652** (2013.01 - EP US); **H04R 25/658** (2013.01 - EP US); **Y10T 24/33** (2015.01 - EP US); **Y10T 24/45262** (2015.01 - EP US)

Citation (search report)

- [X] US 7162039 B1 20070109 - CALLAHAN THOMAS F [US]
- [X] EP 1937031 A1 20080625 - SPERIAN HEARING PROT LLC [US]
- [X] WO 0008893 A1 20000217 - MEDITRON AS [NO], et al
- [X] US 1624144 A 19270412 - MATHIEU HARRY J
- [A] CH 648172 A5 19850228 - MINISONIC AG
- [A] EP 1788009 A1 20070523 - HENKEL CORP [US]
- [A] US 2005117765 A1 20050602 - MEYER JOHN A [US], et al

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2194731 A2 20100609**; **EP 2194731 A3 20110209**; **EP 2194731 B1 20161109**; DE 102008060701 A1 20100617;  
DE 102008060701 B4 20170119; DK 2194731 T3 20170220; US 2010139054 A1 20100610; US 8083022 B2 20111227

DOCDB simple family (application)

**EP 09169944 A 20090910**; DE 102008060701 A 20081205; DK 09169944 T 20090910; US 62245309 A 20091120