

Title (en)  
A REINFORCED DOME FOR A HEARING AID

Title (de)  
VERSTÄRKTE KUPPEL FÜR EIN HÖRGERÄT

Title (fr)  
DÔME RENFORCÉ POUR AIDE AUDITIVE

Publication  
**EP 3422740 A1 20190102 (EN)**

Application  
**EP 18158291 A 20180223**

Priority  
EP 18158291 A 20180223

Abstract (en)  
A dome (2) configured for receiving and retaining a hearing aid receiver (54) is disclosed. The dome (2) is adapted for insertion into an ear canal of the user and comprises an outer surface configured to face the inner wall of the ear canal; a distal portion (6) comprising a tip (44) oriented towards the tympanic membrane when inserted into the ear canal, the tip (44) comprising an opening; a proximal portion (8) comprising an end structure (46) oriented towards the outer ear, the end structure (46) comprising an opening (14) and a receiving portion (4) for selectively receiving and retaining the receiver (54). At least a part of the proximal portion (8) is provided with a reinforcement structure (12).

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

CPC (source: EP US)  
**H04R 25/652** (2013.01 - EP US); **H04R 2225/0216** (2019.04 - EP US)

Citation (search report)

- [XA] US 2002006209 A1 20020117 - MAHONEY DEREK D [US], et al
- [XA] US 2018020302 A1 20180118 - RASMUSSEN KARSTEN BO [DK], et al
- [X] US 2012257774 A1 20121011 - LARSEN TINA AHLBERG [DK], et al
- [X] US 2010166241 A1 20100701 - SABIO GUILLERMO L [US]
- [A] US 6258043 B1 20010710 - RAVIV GABRIEL [US], 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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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