

Title (en)

Hearing device with an open pore cerumene protection device

Title (de)

Hörvorrichtung mit einer offenporigen Cerumenschutzeinrichtung

Title (fr)

Appareil auditif doté d'un dispositif anti-cérumen à pores ouverts

Publication

**EP 1841288 A3 20091021 (DE)**

Application

**EP 07103126 A 20070227**

Priority

DE 102006014023 A 20060327

Abstract (en)

[origin: EP1841288A2] The sounding unit is composed of the sound outlet opening and ring-shaped cerumen protection unit. The ring-shaped cerumen protection unit has an open-porous material that protects the sound outlet opening (3) against a cerumen of the user. The cerumen protection unit is attached to the sound outlet opening so that the sound penetrates through the ring opening of the protection unit. The open-porous material is made from sponge (1) and absorbs the cerumen. An independent claim is also included for a protection method of sounding unit of hearing apparatus.

IPC 8 full level

**H04R 25/02** (2006.01)

CPC (source: EP US)

**H04R 1/1016** (2013.01 - EP US); **H04R 25/654** (2013.01 - EP US); **H04R 25/652** (2013.01 - EP US)

Citation (search report)

- [XY] DE 1270616 B 19680620 - BOSCH ELEKTRONIK GMBH, et al
- [X] WO 9951058 A1 19991007 - HEARING COMPONENTS INC [US]
- [DX] DE 3933584 A1 19910411 - BOSCH GMBH ROBERT [DE]
- [Y] DE 3413067 C1 19890608 - WESTRA ELECTRONIC GMBH

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1841288 A2 20071003**; **EP 1841288 A3 20091021**; DE 102006014023 A1 20071011; DE 102006014023 B4 20091210; US 2007223759 A1 20070927

DOCDB simple family (application)

**EP 07103126 A 20070227**; DE 102006014023 A 20060327; US 72891707 A 20070327