

Title (en)

EAR CANAL EARPIECE COMPRISING AN EAR MOLD UNIT

Title (de)

OHRKANAL-HÖRER MIT OHRPASS-EINHEIT

Title (fr)

ÉCOUTEUR INTRA-AURICULAIRE AVEC EMBOUT AURICULAIRE SUR MESURE

Publication

**EP 2982135 B1 20211201 (DE)**

Application

**EP 14714708 A 20140402**

Priority

- DE 102013205846 A 20130403
- EP 2014056596 W 20140402

Abstract (en)

[origin: WO2014161885A1] The invention relates to an ear-canal earpiece, comprising an electroacoustic sound transducer (110), a first sound-guiding unit (120) for guiding the sound from the electroacoustic sound transducer, a second sound-guiding unit (130) for extending the first sound-guiding unit (120), a third sound-guiding unit (140), an outer contour of which is adapted to an inner contour of an ear canal of a user and which surrounds the second sound-guiding unit, and a sound wall (150) in the region of the second sound-guiding unit (130), wherein the sound wall (150) extends between the second and third sound-guiding units (130, 140).

IPC 8 full level

**H04R 1/28** (2006.01); **H04R 1/10** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

**G10K 11/002** (2013.01 - US); **G10K 11/22** (2013.01 - US); **H04R 1/1016** (2013.01 - EP US); **H04R 1/2873** (2013.01 - EP US); **H04R 25/652** (2013.01 - EP US); **G10K 2210/32272** (2013.01 - US)

Citation (examination)

US 4870688 A 19890926 - VORоба BARRY [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

DOCDB simple family (publication)

**DE 102013205846 A1 20141009**; **DE 102013205846 A8 20141127**; EP 2982135 A1 20160210; EP 2982135 B1 20211201; US 2016066111 A1 20160303; US 9628925 B2 20170418; WO 2014161885 A1 20141009

DOCDB simple family (application)

**DE 102013205846 A 20130403**; EP 14714708 A 20140402; EP 2014056596 W 20140402; US 201414782143 A 20140402