

Title (en)

DEVICE FOR TRANSMITTING SOUNDS FOR INTRA-AURICULAR EARPIECE AND INTRA-AURICULAR EARPIECE

Title (de)

VORRICHTUNG ZUR ÜBERTRAGUNG VON KLÄNGEN FÜR INTRAAURIKULÄRE KOPFHÖRER UND INTRAAURIKULÄRE HÖRMUSCHEL

Title (fr)

DISPOSITIF DE TRANSMISSION DE SONS POUR ECOUTEUR INTRA-AURICULAIRE ET ECOUTEUR INTRA-AURICULAIRE

Publication

EP 3140997 B1 20181031 (FR)

Application

EP 15718953 A 20150504

Priority

- FR 1454035 A 20140505
- EP 2015059639 W 20150504

Abstract (en)

[origin: CA2947384A1] A device for transmitting sounds (4) for intra-auricular earpiece (2), comprising an entrance opening (41) extending along an entrance axis (X), said entrance opening (41) being able to receive a sound emission source, an exit opening (42) able to be presented in an ear (1) and a diffusion enclosure (40) able to conduct the sound from upstream to downstream from said entrance opening (41) to said exit opening (42), said diffusion enclosure (40) comprising, opposite said entrance opening (41), a first vibration wall extending orthogonally to the entrance axis (X) able to resonate following a sound emission along said entrance axis (X).

IPC 8 full level

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

CPC (source: CN EP US)

G10K 11/22 (2013.01 - EP US); **H04R 1/1008** (2013.01 - CN); **H04R 1/2811** (2013.01 - CN); **H04R 1/2849** (2013.01 - US); **H04R 1/2857** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP US); **H04R 1/105** (2013.01 - EP US); **H04R 1/1075** (2013.01 - EP US); **H04R 1/2811** (2013.01 - EP US); **H04R 1/345** (2013.01 - EP US)

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)

FR 3020737 A1 20151106; FR 3020737 B1 20171020; CA 2947384 A1 20151112; CN 106256136 A 20161221; CN 106256136 B 20190903; EP 3140997 A1 20170315; EP 3140997 B1 20181031; JP 2017517960 A 20170629; JP 6576365 B2 20190918; SG 11201609102Q A 20161229; US 10142725 B2 20181127; US 2017180847 A1 20170622; WO 2015169713 A1 20151112

DOCDB simple family (application)

FR 1454035 A 20140505; CA 2947384 A 20150504; CN 201580022711 A 20150504; EP 15718953 A 20150504; EP 2015059639 W 20150504; JP 2016566930 A 20150504; SG 11201609102Q A 20150504; US 201515330835 A 20150504