

Title (en)
EARPHONE, AND ELECTRONIC DEVICE

Title (de)
KOPFHÖRER UND ELEKTRONISCHE VORRICHTUNG

Title (fr)
ECOUTEUR ET DISPOSITIF ÉLECTRONIQUE

Publication
EP 2456228 A1 20120523 (EN)

Application
EP 09847346 A 20090717

Priority
JP 2009062980 W 20090717

Abstract (en)
An earphone is provided that can be securely mounted in an ear and maintain a good tight fit. An auricle insert part (16) is provided on the outer periphery side face of the speaker housing (14) to accommodate a speaker unit (31) of the earphone. The auricle insert part (16) is continuously formed with the speaker housing (14) and has a protrusion part (33) protruding from the outer periphery side face of the speaker housing (14) to the outside, as part of the auricle insert part (16). The auricle insert part (16) has a side face facing the earlet (114) or the antiragus (115) in the auricle (110) while the speaker housing (14) is arranged between the earlet (114) or the antiragus (115).

IPC 8 full level
H04R 1/10 (2006.01)

CPC (source: EP)
H04R 1/1091 (2013.01); **H04R 1/1016** (2013.01)

Cited by
US2023224618A1; US11877110B2; AT518151A1; AT518151B1; AT518147A1; AT518147B1; US10382856B2; DE112013003105B4; US11317196B2; US11750966B2

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

DOCDB simple family (publication)
EP 2456228 A1 20120523; EP 2456228 A4 20131120; JP WO2011007448 A1 20121220; WO 2011007448 A1 20110120

DOCDB simple family (application)
EP 09847346 A 20090717; JP 2009062980 W 20090717; JP 2011522670 A 20090717