

Title (en)
HEADPHONE DEVICE

Title (de)
KOPFHÖRERVORRICHTUNG

Title (fr)
DISPOSITIF CASQUE D'ÉCOUTE

Publication
EP 3125572 A4 20180103 (EN)

Application
EP 14887201 A 20140328

Priority
JP 2014059363 W 20140328

Abstract (en)
[origin: EP3125572A1] An object of the invention is to solve a problem that a cable exposed to an outside of a sound-emitting unit is tangled in fingers. In order to achieve the object, a headphone (1) includes: a sound-emitting unit (2) housing a speaker (48) having a diaphragm (49); and a cable unit (43) configured to transmit an electric signal to the speaker. The cable unit detachable from the sound-emitting unit is inserted in the sound-emitting unit from a bottom of the sound-emitting unit, disposed at an axially outer side than the diaphragm in a sound radiation direction of the diaphragm within the sound-emitting unit, and pulled from a top of the sound-emitting unit to an outside of the sound-emitting unit.

IPC 8 full level
H04R 1/10 (2006.01)

CPC (source: EP)
H04R 1/1033 (2013.01); **H04R 1/1066** (2013.01); **H04R 1/1008** (2013.01); **H04R 1/1075** (2013.01)

Citation (search report)

- [X] US 6047076 A 20000404 - YANG BILL [TW]
- [X] WO 2007016020 A1 20070208 - BOSE CORP [US], et al
- [A] US 2002012440 A1 20020131 - HASHIMOTO JUNICHI [JP], et al
- [A] US 2004125977 A1 20040701 - HONG CHANG-NING [TW], et al
- See references of WO 2015145775A1

Cited by
WO2024030567A1

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)
EP 3125572 A1 20170201; **EP 3125572 A4 20180103**; JP 6340413 B2 20180606; JP WO2015145775 A1 20170413;
WO 2015145775 A1 20151001

DOCDB simple family (application)
EP 14887201 A 20140328; JP 2014059363 W 20140328; JP 2016509865 A 20140328