

Title (en)

Portable electronic device with an audio jack

Title (de)

Tragbare elektronische Vorrichtung mit einer Audiobuchse

Title (fr)

Dispositif électronique portable avec une prise audio

Publication

**EP 2456230 A3 20121024 (EN)**

Application

**EP 12154650 A 20090226**

Priority

- EP 12154650 A 20090226
- EP 09153831 A 20090226

Abstract (en)

[origin: EP2224748A1] A portable electronic device includes a processor provided in a housing, a jack being sized for receiving a plug of an audio accessory and having electrical connectors for enabling communication between the audio accessory and the processor, the electrical connectors for contacting corresponding electrical connectors of the plug and a switching circuit in communication with the processor and the electrical connectors, the switching circuit for determining a pin-out of the plug and routing signals between ungrounded ones of the corresponding electrical connectors of the plug and the processor.

IPC 8 full level

**H04R 3/00** (2006.01); **H04R 5/04** (2006.01)

CPC (source: EP)

**H04R 29/00** (2013.01); **H04R 5/04** (2013.01); **H04R 2420/03** (2013.01); **H04R 2420/05** (2013.01)

Citation (search report)

- [X] GB 2387979 A 20031029 - NEC TECHNOLOGIES [GB]
- [X] US 2005201568 A1 20050915 - GOYAL AMIT [IN]
- [Y] US 2007047745 A1 20070301 - LAI CHENG-SHING [TW], et al
- [Y] US 6594366 B1 20030715 - ADAMS JOEL [US]
- [A] US 6069960 A 20000530 - MIZUKAMI KENICHI [JP], et al

Cited by

CN102780950A

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 TR

DOCDB simple family (publication)

**EP 2224748 A1 20100901**; **EP 2224748 B1 20120418**; AT E554605 T1 20120515; CA 2694848 A1 20100826; CA 2694848 C 20150707; EP 2456230 A2 20120523; EP 2456230 A3 20121024; EP 2456230 B1 20160203; EP 2456231 A2 20120523; EP 2456231 A3 20121024; EP 2456231 B1 20150617; EP 3001698 A1 20160330; EP 3001698 B1 20190703

DOCDB simple family (application)

**EP 09153831 A 20090226**; AT 09153831 T 20090226; CA 2694848 A 20100126; EP 12154650 A 20090226; EP 12154673 A 20090226; EP 15194296 A 20090226