

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 2224748 B1 20120418 (EN)

Application

EP 09153831 A 20090226

Priority

EP 09153831 A 20090226

Abstract (en)

[origin: EP3001698A1] 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)

Cited by

KR101878873B1; CN104380697A; CN105120390A; EP3131310A4; JP2017523663A; EP2571288A1; KR20130029196A; EP2677742A4; US9179218B2; US9351076B2; US8771021B2; US8801443B2; JP2014512731A

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