

Title (en)

Portable electronic device with an audio jack configurator

Title (de)

Tragbare elektronische Vorrichtung mit einem Konfigurator für eine Audiobuchse

Title (fr)

Dispositif électronique portable avec une configurateur de prise audio

Publication

EP 2456231 A3 20121024 (EN)

Application

EP 12154673 A 20090226

Priority

- EP 12154673 A 20090226
- EP 09153831 A 20090226

Abstract (en)

[origin: EP224748A1] 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)

- [Y] US 2007047745 A1 20070301 - LAI CHENG-SHING [TW], et al
- [Y] GB 2387979 A 20031029 - NEC TECHNOLOGIES [GB]
- [Y] US 2005201568 A1 20050915 - GOYAL AMIT [IN]
- [Y] US 2008146292 A1 20080619 - GILMORE EDWARD L [US], et al
- [Y] US 2007255435 A1 20071101 - COHEN EPHRAM [US], et al
- [A] US 2005055731 A1 20050310 - BURNETT ROBERT [US]

Cited by

JP2015525528A; JP2015527769A

Designated contracting state (EPC)

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