

Title (en)

Electronic device adapted for detecting a vehicle audio system

Title (de)

Elektronische Vorrichtung mit Anpassung zur Erkennung eines Fahrzeug-Audiosystems

Title (fr)

Dispositif électronique conçu pour détecter un système audio de véhicule

Publication

**EP 2733958 A1 20140521 (EN)**

Application

**EP 12192956 A 20121116**

Priority

EP 12192956 A 20121116

Abstract (en)

According to some aspects an electronic device adapted to detect whether it is coupled to an audio system. The electronic device includes a pulse generator adapted to generate a pulse on a ground return line of the electronic device, and a detector adapted to observe if a response signal is received by the electronic device corresponding to the pulse. If the response signal is received, the electronic device determined that it is coupled to the audio system

IPC 8 full level

**H04R 5/04** (2006.01)

CPC (source: EP)

**H04R 5/04** (2013.01)

Citation (applicant)

US 201113088492 A 20110418

Citation (search report)

- [XA] WO 2004001552 A2 20031231 - ANALOG DEVICES INC [US]
- [XA] US 2011128019 A1 20110602 - SAITO NAOTAKA [JP]
- [A] EP 2487931 A2 20120815 - APPLE INC [US]
- [A] US 2012250894 A1 20121004 - BOURGOIN GILLES [FR], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2733958 A1 20140521; EP 2733958 B1 20160713**

DOCDB simple family (application)

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