

Title (en)

Apparatus, systems and methods for detecting insertion or removal of an audio accessory from an electronic device

Title (de)

Vorrichtung, Systeme und Verfahren zur Erkennung der Einführung oder Entfernung eines Audiozubehörs in eine elektronische bzw. aus einer elektronischen Vorrichtung

Title (fr)

Appareil, systèmes et procédés pour détecter l'insertion ou le retrait d'un accessoire audio à partir d'un dispositif électronique

Publication

EP 2770748 A1 20140827 (EN)

Application

EP 13156738 A 20130226

Priority

EP 13156738 A 20130226

Abstract (en)

According to one aspect, an electronic device for detecting an audio accessory. The electronic device includes an audio jack having at least two detection terminals. The detection terminals are spaced apart and positioned within a socket of the audio jack so when an audio plug of the accessory is inserted into the socket of the audio jack, the detection terminals will be shorted. The presence of a short between the detection terminals is indicative that the audio accessory is present.

IPC 8 full level

H04R 1/10 (2006.01); **H01R 13/641** (2006.01); **H01R 13/703** (2006.01); **H01R 24/58** (2011.01); **H01R 107/00** (2006.01); **H04M 1/60** (2006.01); **H04R 5/04** (2006.01)

CPC (source: EP)

H04R 1/1041 (2013.01); **H01R 13/7032** (2013.01); **H01R 24/58** (2013.01); **H01R 2107/00** (2013.01); **H04R 5/04** (2013.01); **H04R 2420/05** (2013.01); **H04R 2420/09** (2013.01)

Citation (search report)

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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)

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DOCDB simple family (application)

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