

Title (en)

Connector, antenna provided with the connector, and vehicular window glass provided with the antenna

Title (de)

Steckverbinder, Antenne mit dem Steckverbinder und Fahrzeugfensterglas mit der Antenne

Title (fr)

Connecteur, antenne fournie avec le connecteur, et vitre de fenetre de vehicule fournie avec l'antenne

Publication

EP 2200123 B1 20161130 (EN)

Application

EP 09015816 A 20091221

Priority

JP 2008325821 A 20081222

Abstract (en)

[origin: EP2200123A1] A connector includes: a holder portion, attached to a glass antenna on a substrate, the holder portion including: a feeding terminal, having a predetermined width; and an earth terminal, disposed to surround both sides of the feeding terminal so that a predetermined distance is provided between the earth terminal and each of the both sides of the feeding terminal; and a pickup portion, detachably attached to the holder portion, the pickup portion including: a core wire conductor, which is connected to a core wire of a coaxial cable and which is connected to the feeding terminal when attached to the holder portion; and an earth conductor, which is connected to an outer conductor and which is connected to the earth terminal when attached to the holder portion, wherein a characteristic impedance of the connector when the pickup portion is attached to the holder portion is substantially equal to a characteristic impedance of the coaxial cable.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- JP 2002305062 A 20021018 - ASAHI GLASS CO LTD
- JP 2008035479 A 20080214 - HARADA IND CO LTD
- JP 2004031068 A 20040129 - HARADA IND CO LTD

Cited by

CN111987456A; EP2475045A1; US10622699B2; DE102017109740B4; WO2020007746A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2200123 A1 20100623; **EP 2200123 B1 20161130**; CN 101902001 A 20101201; CN 101902001 B 20151125; JP 2010146959 A 20100701; JP 5476713 B2 20140423

DOCDB simple family (application)

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