

Title (en)

Antenna module for a vehicle

Title (de)

Antennenmodul für ein Fahrzeug

Title (fr)

Module d'antenne pour un véhicule

Publication

**EP 2592687 B1 20160720 (DE)**

Application

**EP 12007316 A 20121024**

Priority

- DE 102011117976 A 20111109
- DE 102012002953 A 20120216

Abstract (en)

[origin: EP2592687A1] The module (2) has lower assembly which is fixable on upper assembly (1) and is provided with a circuit board (21). The electrical contact units (11,22) are arranged on assemblies and are provided with antenna contact. A lower contact unit is displaceable in a plane lying parallel to a vehicle frame portion (4) from an upper position in a displacement direction linearly into a lower position, when the lower assembly is fixed. The contact units are electrically disconnected and connected from one another in the upper and lower positions respectively.

IPC 8 full level

**H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP US)

**H01Q 1/1214** (2013.01 - EP US); **H01Q 1/3275** (2013.01 - EP US)

Cited by

US2018034128A1; WO2016131517A1

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

DOCDB simple family (publication)

**EP 2592687 A1 20130515; EP 2592687 B1 20160720**; CN 103123999 A 20130529; CN 103123999 B 20160824;  
DE 102012002953 A1 20130516; US 2013113665 A1 20130509; US 9178266 B2 20151103

DOCDB simple family (application)

**EP 12007316 A 20121024**; CN 201210596291 A 20121108; DE 102012002953 A 20120216; US 201213663739 A 20121030