

Title (en)

ANTENNA MODULE FOR A VEHICLE, AND METHOD FOR INSTALLING AN ANTENNA MODULE

Title (de)

ANTENNENMODUL FÜR EIN FAHRZEUG UND VERFAHREN ZUR INSTALLATION EINES ANTENNENMODULS

Title (fr)

MODULE D'ANTENNE POUR VÉHICULE ET PROCÉDÉ PERMETTANT D'INSTALLER UN MODULE D'ANTENNE

Publication

EP 3665742 B1 20210728 (EN)

Application

EP 18753178 A 20180810

Priority

- DE 102017118249 A 20170810
- EP 2018071824 W 20180810

Abstract (en)

[origin: WO2019030406A1] The invention relates to an antenna module (1) for a vehicle, wherein the antenna module (1) comprises a first, upper assembly (101) and a second, lower assembly (201), wherein the upper assembly (101) comprises at least one electrical contact component (102, 103) and at least one guide means (104), wherein the lower assembly (201) comprises at least one electrical counterpart contact component (202) and at least one counterpart guide means (204), and wherein the counterpart guide means (204) of the lower assembly (201) can be slid with a linear sliding-on movement (ASB) in a sliding-on direction (ASR) onto the guide means (104) of the upper assembly (101) into a pre-installation position such that the at least one contact component (102, 103) and the at least one counterpart contact component (202) are situated opposite one another. Here, the lower assembly (201) comprises an actuation means (207), wherein the at least one counterpart contact component (202) is movable relative to the at least one contact component (102, 103) along a contacting direction, which is aligned orthogonally with respect to the sliding-on direction (ASR), out of the pre-installation position of the two assemblies (101, 201) by means of a contacting movement which can be generated by the counterpart guide means (204) and by the actuation means (207), such that complete contacting of the at least one counterpart contact component (202) and of the at least one contact component (102, 103) is effected.

IPC 8 full level

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

CPC (source: EP)

H01Q 1/1214 (2013.01); **H01Q 1/3275** (2013.01)

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)

WO 2019030406 A1 20190214; CN 110998966 A 20200410; CN 110998966 B 20211130; DE 102017118249 A1 20190214;
EP 3665742 A1 20200617; EP 3665742 B1 20210728

DOCDB simple family (application)

EP 2018071824 W 20180810; CN 201880051841 A 20180810; DE 102017118249 A 20170810; EP 18753178 A 20180810