

Title (en)

Antenna module, in particular as a central transmission and/or receiver module for a vehicle, with several antennas

Title (de)

Antennenmodul, insbesondere als zentrales Sende- und/oder Empfangsmodul für ein Fahrzeug, mit mehreren Antennen

Title (fr)

Module d'antenne, en particulier en tant que module d'émission et/ou de réception pour un véhicule doté de plusieurs antennes

Publication

EP 1863119 B1 20110126 (DE)

Application

EP 07010730 A 20070530

Priority

DE 102006025176 A 20060530

Abstract (en)

[origin: EP1863119A1] The aerial module has an upper and a lower part (1) with multiple aerals (13). The aerals are separated through an area of a carriage body of a vehicle. The upper and the lower part are mechanically connected with one another, by the area of the carriage body. The upper and lower parts, arranged at the inner and outer sides of the carriage body, overlap one another. A fixing means guide through small break-through of few millimeters through the carriage body in the area of the overlapping.

IPC 8 full level

H01Q 1/08 (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/42** (2006.01); **H01Q 21/28** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP US)

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JP2015516786A; DE102013224514A1; DE102011016294A1; CN106104912A; CN107492707A; AU2013203990B2; EP2592687A1; CN103123999A; DE102011016294B4; EP2479839A1; FR3050076A1; GB2543169A; GB2543169B; DE102019213208B3; US9362610B2; US10398203B2; US9178266B2; US9966659B2; US11083265B2; WO2013123180A1; WO2013171240A1; US8992238B2; US9692194B2; US9611975B2; US10072788B2; US10544895B2; US10418696B2; WO2021043494A1; WO2015078848A1; US10044418B2; US10307313B2; US10741903B1; US10786055B2; US11490700B2; WO2012136306A1; US9270018B2; US10398207B2; US10912360B2; US9944217B2; USD835499S; USD868569S; USD905544S; US11066004B2; WO2017211534A1; WO2019049739A1; WO2020193081A1

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