

Title (en)
VEHICLE-USE ANTENNA DEVICE

Title (de)
ANTENNENVORRICHTUNG ZUR VERWENDUNG IN FAHRZEUGEN

Title (fr)
DISPOSITIF D'ANTENNE À UTILISER DANS UN VÉHICULE

Publication
EP 2528164 A1 20121128 (EN)

Application
EP 11734613 A 20110118

Priority
• JP 2010011281 A 20100121
• JP 2011050693 W 20110118

Abstract (en)
A vehicle-mount antenna device is provided in which stable antenna characteristics can be obtained with an influence of common mode noise being reduced. A vehicle -mount antenna device 200 is configured with an antenna unit 210 and a connector-equipped coaxial cable 120 being connected to each other. The antenna unit 210 includes a feeding element 111 and a parasitic element 112, with the feeding element 111 being connected to a + input of an amplifier circuit 113 and the parasitic element 112 being connected to a ground plane 115 of the amplifier circuit 113. An output from the amplifier circuit 113 is connected to a center conductor 121 of the coaxial cable 120 via a filter 216, and the ground plane 115 is connected to an outer conductor 122 of the coaxial cable also via the filter 216.

IPC 8 full level
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CPC (source: EP)
H01Q 1/3291 (2013.01); **H01Q 1/52** (2013.01); **H01Q 9/26** (2013.01); **H01Q 23/00** (2013.01)

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