

Title (en)
ANTENNA DEVICE FOR VEHICLE COMMUNICATION

Title (de)
ANTENNENEINRICHTUNG FÜR DIE FAHRZEUGKOMMUNIKATION

Title (fr)
DISPOSITIF D'ANTENNE POUR LA COMMUNICATION D'UN VÉHICULE À MOTEUR

Publication
EP 2430704 A1 20120321 (DE)

Application
EP 10719940 A 20100511

Priority
• EP 2010056466 W 20100511
• DE 102009003010 A 20090511
• DE 102009026578 A 20090529

Abstract (en)
[origin: WO2010130737A1] The invention relates to an antenna device for vehicle communication, comprising an antenna unit (2, 22, 32) which has at least one antenna for cellular radio communication (4), for bidirectional ad-hoc network radio communication (5) and/or for satellite radio communication (6) as well as driver elements for transmitting and/or receiving data by cellular radio communication, by bidirectional ad-hoc network radio communication or by satellite radio communication, and a computer unit with at least one computer, said computer being adapted to control the transmission or reception of data. In order to simplify the system structure, the computer unit is adapted to carry out cellular radio communication, bidirectional radio communication and satellite radio communication and the computer unit is integrated into a housing of the antenna unit (2, 22, 32), which housing has at least one antenna (4, 5, 6) or at least one antenna connection for connection of the antenna (4, 5, 6) and at least one communication connection for vehicle-internal communication with additional vehicle units (13, 35).

IPC 8 full level
H01Q 1/32 (2006.01); **H04L 69/14** (2022.01); **G08B 25/01** (2006.01); **H01Q 5/00** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP KR)
G08G 1/205 (2013.01 - EP KR); **H01Q 1/32** (2013.01 - EP KR); **H04L 12/40006** (2013.01 - EP KR); **H04L 67/12** (2013.01 - EP KR); **H04L 69/14** (2013.01 - KR); **H04L 2012/40273** (2013.01 - EP KR)

Citation (search report)
See references of WO 2010130740A1

Citation (examination)
DE 102008012654 A1 20090305 - CONTINENTAL TEVES AG & CO OHG [DE]

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010130737 A1 20101118; DE 102010028871 A1 20110127; DE 102010028876 A1 20110421; DE 102010028880 A1 20110512; EP 2430625 A1 20120321; EP 2430625 B1 20130320; EP 2430703 A1 20120321; EP 2430704 A1 20120321; KR 101651710 B1 20160826; KR 101752155 B1 20170629; KR 20120026535 A 20120319; KR 20120027333 A 20120321; WO 2010130740 A1 20101118

DOCDB simple family (application)
EP 2010056461 W 20100511; DE 102010028871 A 20100511; DE 102010028876 A 20100511; DE 102010028880 A 20100511; EP 10719939 A 20100511; EP 10719940 A 20100511; EP 10720011 A 20100511; EP 2010056466 W 20100511; KR 20117029639 A 20100511; KR 20117029646 A 20100511