

Title (en)

System for electric coupling between an antenna system and a radio receiver terminal.

Title (de)

Elektrisches Kopplungssystem zwischen einem Antennensystem und einem Funkempfangsendgerät

Title (fr)

Système de couplage électrique entre un système antenne et un terminal récepteur radio.

Publication

EP 2603053 B1 20180502 (FR)

Application

EP 12290423 A 20121203

Priority

FR 1103749 A 20111208

Abstract (en)

[origin: EP2603053A1] The coupling system (10) has a coupling element to transmit useful electrical signals from an antenna system towards a radio receiver terminal (9). An electronic circuit (4) is connected to an insert (2), and processes data, amplifies the data and transmits the data in an electrical signal. The antenna system is fixed on a roof (5) of a metal structure using a tightening screw integrated to the coupling element. High speed transmission of radio-electric information (11) is assured by the coupling between the antenna system and the terminal.

IPC 8 full level

H04W 84/00 (2009.01); **H01Q 1/00** (2006.01); **H01Q 1/32** (2006.01); **H04W 84/04** (2009.01)

CPC (source: EP)

H01Q 1/007 (2013.01); **H01Q 1/3275** (2013.01)

Citation (examination)

- EP 2495809 A1 20120905 - NXP BV [NL]
- EP 1231672 A2 20020814 - TOSHIBA KK [JP]
- US 2011195699 A1 20110811 - TADAYON SAIED [US], et al
- WO 2009073255 A1 20090611 - FORD GLOBAL TECH LLC [US], et al
- WO 2010107258 A2 20100923 - ACE ANTENNA CORP [KR], et al & EP 2410608 A2 20120125 - ACE TECH CORP [KR]

Cited by

US11279385B2

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

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