

Title (en)
DIVERSITY-ANTENNA SYSTEM FOR MOVING VEHICLES

Title (de)
DIVERSITY-ANTENNENSYSTEM FUER BEWEGTE FAHRZEUGE

Title (fr)
SYSTEME D'ANTENNE DE RECEPTION EN DIVERSITE POUR VEHICULES MOBILES

Publication
EP 1366540 A1 20031203 (DE)

Application
EP 03714782 A 20030306

Priority
• DE 10211341 A 20020314
• EP 0302310 W 20030306

Abstract (en)
[origin: WO03077362A1] An improved diversity antenna system for moving vehicles is characterised by the following features amongst others: the diversity antenna system may be retro-fitted, the first antenna connector (17') is formed by the first heating connector (17), the first heating line (17a) and/or the first collector track (3) of the heating field (1), the second antenna connector (23') is formed by the second heating connector (23), the second heating connector line (23a) and/or the second collector track (3') of the heating field (1), the device for generation of various termination impedances or various large reactances comprises a tuning box (31) and the tuning box (31) comprises one or several switching circuits, whereby the values for the termination impedances or reactances formed in the tuning box may be adjusted continuously or analogously, or a switching box (31') in which at least three integrated different termination impedances or reactances is provided.

IPC 1-7
H01Q 1/32; **H01Q 23/00**

IPC 8 full level
H01Q 3/34 (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/32** (2006.01); **H01Q 23/00** (2006.01); **H04B 7/08** (2006.01)

CPC (source: EP KR US)
H01Q 1/1278 (2013.01 - EP US); **H01Q 1/32** (2013.01 - KR)

Citation (search report)
See references of WO 03077362A1

Cited by
DE102008017052A1; DE102008017052B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03077362 A1 20030918; AT E284572 T1 20041215; AU 2003219021 A1 20030922; BR 0303376 A 20040323; CA 2444249 A1 20030918; CA 2444249 C 20091020; CN 1323463 C 20070627; CN 1509506 A 20040630; DE 10211341 A1 20031002; DE 50300187 D1 20050113; EP 1366540 A1 20031203; EP 1366540 B1 20041208; ES 2233916 T3 20050616; HK 1065170 A1 20050208; JP 2005520384 A 20050707; JP 3978428 B2 20070919; KR 100799084 B1 20080129; KR 20040087857 A 20041015; MX PA03010096 A 20040316; PL 206363 B1 20100730; PL 363069 A1 20041115; RU 2003129666 A 20050410; RU 2305878 C2 20070910; US 2004070544 A1 20040415; US 6867739 B2 20050315

DOCDB simple family (application)
EP 0302310 W 20030306; AT 03714782 T 20030306; AU 2003219021 A 20030306; BR 0303376 A 20030306; CA 2444249 A 20030306; CN 03800260 A 20030306; DE 10211341 A 20020314; DE 50300187 T 20030306; EP 03714782 A 20030306; ES 03714782 T 20030306; HK 04107713 A 20041007; JP 2003575458 A 20030306; KR 20037013877 A 20031023; MX PA03010096 A 20030306; PL 36306903 A 20030306; RU 2003129666 A 20030306; US 47048903 A 20031016