

Title (en)
ANTENNA FOR A RECEIVER AND/OR TRANSMITTER, ESPECIALLY A ROOF ANTENNA FOR MOTOR VEHICLES

Title (de)
ANTENNE FÜR EINE EMPFANGS-UND/ODER SENDEEINRICHTUNG INSBESONDERE ALS DACHANTENNE FÜR KRAFTFAHRZEUGE

Title (fr)
ANTENNE POUR DISPOSITIF RECEPTEUR ET/OU EMETTEUR, EN PARTICULIER ANTENNE DE TOIT POUR VEHICULES AUTOMOBILES

Publication
EP 1366541 A1 20031203 (DE)

Application
EP 03742563 A 20030220

Priority
• DE 10207703 A 20020222
• EP 0301751 W 20030220

Abstract (en)
[origin: WO03071630A1] A receiver and/or transmitter device for motor vehicles, comprising a leg (3) preferably in the form of a housing (5). An electric connection is made, via an internal connection line (13), to a radiator (17) which is preferably electrically connected to another radiator (19) by means of a stop coil (19). The improved receiver and/or transmitter thus obtained is characterised in that the connection line is preferably hoop-shaped (13') and/or the first radiator (17) is provided with an electrically conducting extension (25, 25', 25'').

IPC 1-7
H01Q 5/00; **H01Q 5/02**; **H01Q 1/32**; **H01Q 21/30**

IPC 8 full level
H01Q 1/22 (2006.01); **H01Q 1/32** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/10** (2015.01); **H01Q 5/15** (2015.01); **H01Q 5/321** (2015.01); **H01Q 5/371** (2015.01); **H01Q 9/32** (2006.01); **H01Q 21/30** (2006.01)

CPC (source: EP KR US)
H01Q 1/12 (2013.01 - KR); **H01Q 1/125** (2013.01 - EP US); **H01Q 1/32** (2013.01 - KR); **H01Q 1/3275** (2013.01 - EP US); **H01Q 5/00** (2013.01 - KR); **H01Q 5/321** (2015.01 - EP US); **H01Q 5/371** (2015.01 - EP US); **H01Q 21/30** (2013.01 - EP KR US)

Citation (search report)
See references of WO 03071630A1

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 SE SI SK TR

DOCDB simple family (publication)
WO 03071630 A1 20030828; AT E344976 T1 20061115; AU 2003210327 A1 20030909; BR 0303216 A 20040706; CA 2441467 A1 20030828; CA 2441467 C 20091124; CN 100459289 C 20090204; CN 1507676 A 20040623; DE 10207703 A1 20030911; DE 10207703 B4 20050609; DE 50305615 D1 20061221; EP 1366541 A1 20031203; EP 1366541 B1 20061108; ES 2275103 T3 20070601; HK 1065169 A1 20050208; JP 2005518696 A 20050623; JP 4073403 B2 20080409; KR 101027547 B1 20110406; KR 20040080926 A 20040920; MX PA03010097 A 20040316; PL 206563 B1 20100831; PL 368682 A1 20050404; RU 2003127836 A 20050327; RU 2313161 C2 20071220; US 2004056809 A1 20040325; US 6933899 B2 20050823

DOCDB simple family (application)
EP 0301751 W 20030220; AT 03742563 T 20030220; AU 2003210327 A 20030220; BR 0303216 A 20030220; CA 2441467 A 20030220; CN 03800174 A 20030220; DE 10207703 A 20020222; DE 50305615 T 20030220; EP 03742563 A 20030220; ES 03742563 T 20030220; HK 04107712 A 20041007; JP 2003570423 A 20030220; KR 20037012686 A 20030220; MX PA03010097 A 20030220; PL 36868203 A 20030220; RU 2003127836 A 20030220; US 47016503 A 20031003