

Title (en)

CELLULAR MOBILE COMMUNICATIONS ANTENNA

Publication

EP 0137391 B1 19930428 (EN)

Application

EP 84111340 A 19840921

Priority

US 53527383 A 19830923

Abstract (en)

[origin: EP0137391A1] A mobile antenna system for use at frequencies in and above the 800 MHz band having a collinear radiator (10) mounted on one surface of a dielectric (14) such as the window of a vehicle and a tunable coupling circuit disposed internally of a conducted housing (22) mounted on the opposite surface of the dielectric (14) which acts as a counterpoise for coupling RF energy between the radiator (10) and a transmission line (42) connected to a suitable transceiver

IPC 1-7

H01Q 1/12; **H01Q 1/32**

IPC 8 full level

H01Q 1/22 (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/48** (2006.01); **H01Q 1/50** (2006.01); **H01Q 9/30** (2006.01)

CPC (source: EP)

H01Q 1/1207 (2013.01); **H01Q 1/1285** (2013.01); **H01Q 1/3283** (2013.01)

Cited by

US4825217A; US4658259A; EP0358529A1; US5463405A; US5262795A; US4931805A; AU577539B2; GB2245430A; GB2245430B; US4857939A; EP0348054A3; USRE33743E; US4794319A; US4785305A; EP0279117A1; US4779098A; GB2250637A; US4992800A; US4916456A; GB2218852A; US4931806A; US6191745B1; WO9011627A1; WO9728575A1; WO9003048A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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EP 84111340 A 19840921; AT 84111340 T 19840921; AU 3192484 A 19840815; CA 459443 A 19840723; DE 3486135 T 19840921; JP 18474684 A 19840905; NZ 20901984 A 19840726; ZA 845849 A 19840727