

Title (en)

Cellular mobile communications antenna.

Title (de)

Antenne für den mobilen Telefonverkehr.

Title (fr)

Antenne pour la communication à radiotéléphone mobile.

Publication

EP 0137391 A1 19850417 (EN)

Application

EP 84111340 A 19840921

Priority

US 53527383 A 19830923

Abstract (en)

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)

Citation (search report)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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