

Title (en)

Planar microstrip antenna for motor-vehicle system

Title (de)

Flach- Mikrostreifenleiterantenne für ein Kraftfahrzeugsystem

Title (fr)

Antenne microruban plane d'un système pour véhicule

Publication

EP 1108616 A3 20031203 (EN)

Application

EP 00125605 A 20001122

Priority

IT RE990059 U 19991213

Abstract (en)

[origin: EP1108616A2] A planar microstrip antenna suitable for motor-vehicle systems operating in dual-band resonance frequency. it comprises a radiant element (1), a mass plane (2) parallel to said radiant element (1), a shorting lead (3) that connects said radiant element to said mass plane, and feeding means fixed to a coaxial cable (8). Said radiant element (1) has a configuration proportioned for a first resonance frequency, and is provided with at least a slot (6) located in proximity with and parallel to its edge (5). Said slot has a proportional extension according to the resonance frequency desired. <IMAGE>

IPC 1-7

B60R 11/02; **H01Q 21/06**

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/357** (2015.01); **H01Q 9/04** (2006.01)

CPC (source: EP)

H01Q 1/1271 (2013.01); **H01Q 5/357** (2015.01); **H01Q 9/0421** (2013.01); **H01Q 9/0457** (2013.01)

Citation (search report)

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