

Title (en)  
Planar antenna for motor-vehicles

Title (de)  
Planare Antenne für Motorfahrzeuge

Title (fr)  
Antenne plane pour véhicules à moteur

Publication  
**EP 1091444 B1 20031217 (EN)**

Application  
**EP 00121650 A 20001004**

Priority  
IT RE990101 A 19991008

Abstract (en)  
[origin: EP1091444A2] A planar microstrip antenna is adopted for motor-car systems for both cellular telephony and other applications. In the field of cellular telephony, the antenna is utilizable in the present frequencies of 800/900 MHz (GSM, ETACS, AMPS, PCD) and the higher ones of 2.5 GHz (DCS, UMPTS, PCN, PDC 1.5); besides, it is also utilizable for applications other than telephony, such as: reception in L, DAB, GPS band and the like and at higher frequencies up to 6 GHz, also for Telepass type transponder systems and the like. <IMAGE> <IMAGE>

IPC 1-7  
**H01Q 1/12**; **H01Q 1/32**; **H01Q 9/04**

IPC 8 full level  
**H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)  
**H01Q 1/1271** (2013.01); **H01Q 1/3291** (2013.01); **H01Q 9/0421** (2013.01); **H01Q 9/0457** (2013.01)

Cited by  
DE102004041014B3; FR2825517A1; DE102004027692A1; JPWO2019151407A1; EP1624527A4; US11522278B2; US7365685B2

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DOCDB simple family (publication)  
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