

Title (en)
WIDE BAND SLOT CAVITY ANTENNA

Title (de)
HOHLRAUMRESONATORANTENNE MIT BREITBANDSCHLITZ

Title (fr)
ANTENNE, SOUS FORME DE RESONATEUR A CAVITE, DOTE E D'UNE FENTE LARGE BANDE

Publication
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Application
EP 02792761 A 20021113

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• EP 0212692 W 20021113

Abstract (en)
[origin: US7019705B2] The present invention relates to an antenna (1), especially a vehicle mounted antenna for use in mobile telephony. In order to achieve a compact, especially flat and short construction for the antenna, as configured, a radiating open hollow cavity resonator with a specially designated set of wide band slots (7,8) is arranged on a nonconductive board with multiple conductive areas (4, 5 , and 6) situated about the slots (7,8).

IPC 1-7
H01Q 13/18; **H01Q 1/32**

IPC 8 full level
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