

Title (en)

VEHICLE ANTENNA COMPRISING A CONDUCTRICE WALL WITH A CIRCULAR SLOT

Publication

**EP 0439677 A3 19910911 (DE)**

Application

**EP 90117742 A 19900914**

Priority

DE 4002899 A 19900201

Abstract (en)

[origin: EP0439677A2] 2.1 A known circular slot antenna is intended to be improved such that its horizontal and vertical polar diagram has a comparatively high antenna gain and such that the vertical polar diagram has as far as possible no antenna gain at all underneath the antenna. 2.2 On the underside (12) of the conductive wall (10), the vehicle antenna according to the invention has a cavity, which coaxially surrounds the circular slot (11), in the form of a pot (13). 2.3 A preferred field of application for the vehicle antenna is a motor vehicle antenna for the 900 MHz band. 3. The drawing shows a perspective sectional view of the vehicle antenna. <IMAGE>

IPC 1-7

**H01Q 1/32**; **H01Q 9/04**; **H01Q 13/18**

IPC 8 full level

**H01Q 1/22** (2006.01); **H01Q 1/32** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/18** (2006.01)

CPC (source: EP)

**H01Q 1/3275** (2013.01); **H01Q 9/0464** (2013.01); **H01Q 13/18** (2013.01)

Citation (search report)

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