

Title (en)  
Improved vehicular radio antennas

Title (de)  
Fahrzeugantennen

Title (fr)  
Antennes de véhicule

Publication  
**EP 0817306 A3 19990428 (EN)**

Application  
**EP 97304100 A 19970612**

Priority  
GB 9612826 A 19960619

Abstract (en)  
[origin: EP0817306A2] A radio antenna (9) for a vehicle, for mounting upon an exterior surface (11) of the vehicle and for electrical connection to a coaxial cable (13) coupled to the radio system of the vehicle, the antenna (9) comprising a mast (15) for receiving radio signals, a base (17) for mounting upon the exterior surface (11) of the vehicle and means (19) for electrically coupling the base (17) to the coaxial cable (13) of the vehicle, the mast (15) being mounted on the base (17) via an electrically conductive coil spring member (21) , one end (23) of the mast (15) being mounted upon and electrically connected with one end (25) of the spring member, the other end (27) of the spring member being mounted upon and electrically connected with the electrically conductive base (17), and the base (17) including a mounting surface (29) covered by an insulating base layer (31) for contacting the exterior surface (11) of the vehicle such that when the antenna is mounted upon the vehicle the electrically conductive base (17) does not touch and is not in direct electrical contact with the exterior surface of the vehicle (11). <IMAGE>

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

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

CPC (source: EP)  
**H01Q 1/1214** (2013.01); **H01Q 1/1285** (2013.01); **H01Q 1/3275** (2013.01)

Citation (search report)  
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