

Title (en)  
Roof antenna with swinging mechanism for a vehicle

Title (de)  
Dachantenne mit Verschwenkmechanismus für ein Fahrzeug

Title (fr)  
Antenne de toit avec mécanisme rotatif pour véhicule

Publication  
**EP 1638162 A1 20060322 (DE)**

Application  
**EP 05019819 A 20050913**

Priority  
• DE 102004045653 A 20040921  
• DE 102005041473 A 20050901  
• DE 102004059891 A 20041210

Abstract (en)  
The antenna comprises a housing (1), and antenna rod (3) with an adjustment mechanism (2). This mechanism includes a pivot axis (4) in the plane of adjustment. The pivot axis is inclined relative to the casing and/or rod. It is aligned with the half angle defined between the folded- and use positions of the antenna. The mechanism and its antenna support (6) are located in an enlargement (5). The pivot operates in a guide bush (8) contained in the housing.

IPC 8 full level  
**H01Q 1/08** (2006.01); **H01P 1/06** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP)  
**H01Q 1/084** (2013.01); **H01Q 1/1214** (2013.01); **H01Q 1/3275** (2013.01)

Citation (search report)  
• [XY] US 2481823 A 19490913 - BENJAMIN CEJKA JOSEPH  
• [X] US 3134847 A 19640526 - GOLDSTEIN SAMUEL E  
• [Y] EP 0694985 A1 19960131 - MOTOROLA INC [US]  
• [DA] EP 0701295 A1 19960313 - CALEARO MASSIMO [IT]  
• [A] US 5590416 A 19961231 - RYDBECK NILS R [US]  
• [A] GB 2070392 A 19810903 - STANDARD TELEPHONES CABLES LTD

Cited by  
CN117728180A; US2014070069A1; US9553357B2; CN109742517A

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