

Title (en)  
Antenna support angle adjustment mechanism and vehicular rod antenna device

Title (de)  
Antennenbefestigung mit Winkeleinstellmechanismus und Fahrzeugstabantenne

Title (fr)  
Support d'antenne à mécanisme d'ajustement d'angle et antenne tige de véhicule

Publication  
**EP 0849822 A2 19980624 (EN)**

Application  
**EP 97310209 A 19971217**

Priority  
JP 33823796 A 19961218

Abstract (en)  
An antenna support angle adjustment mechanism (20) according to the present invention is detachably interposed between an antenna mounting base (11) attached to a vehicle body wall (1) and a rod antenna (12) having a proximal end portion fixedly screwed on the base (11), and which comprises an antenna support angle adjustment member (24) composed of first and second coupling elements (21, 22) pivotally supported so that one end portion of the first coupling element (21) and one end portion of the second coupling element (22) are rockable with respect to each other, the other end portion of the first coupling element (21) forming a screw rod (25) capable of being removably screwed into the antenna mounting base (11) or the rod antenna (12), the other end portion of the second coupling element (22) forming an internal thread portion (26) capable of being removably screwed on the rod antenna (12) or the antenna mounting base (11), and a fixing nut (28) for fixing the state of screwed engagement of the screw rod (25) with the antenna mounting base (11) or the rod antenna (12), the rod antenna (12) being variably adjusted at a given support angle ( $\theta$ ) in a given azimuthal direction. <IMAGE> <IMAGE>

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IPC 8 full level  
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