

Title (en)

ANTENNA-RETAINING DEVICE FOR A MOTOR VEHICLE, AND MOTOR VEHICLE HAVING AN ANTENNA-RETAINING DEVICE

Title (de)

ANTENNENHALTEVORRICHTUNG FÜR EIN KRAFTFAHRZEUG SOWIE KRAFTFAHRZEUG MIT EINER ANTENNENHALTEVORRICHTUNG

Title (fr)

DISPOSITIF PORTE-ANTENNE POUR UN VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE POURVU D'UN DISPOSITIF PORTE-ANTENNE

Publication

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Application

EP 19828231 A 20191211

Priority

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Abstract (en)

[origin: WO2020156718A1] The invention relates to an antenna-retaining device (10) for a motor vehicle. The antenna-retaining device (10) comprises: an antenna carrier plate (14) for retaining a monopole antenna (12) in an emitting position; and a motor-vehicle coupling means (18) for fastening the antenna carrier plate (14) to a vehicle body (20). In the emitting position, a distance exists between the retained monopole antenna (12) and the vehicle body (20). The antenna carrier plate (14) is electrically conductive and thus forms an electrical counterpoise to the monopole antenna (12). The antenna-retaining device (10) also comprises an electrically conductive tab element as a counterpoise extension (24). The antenna carrier plate (14) and the counterpoise extension (24) are interconnected. When the monopole antenna (12) is retained in the emitting position, the monopole antenna and the counterpoise extension (24) are arranged on opposite sides of the antenna carrier plate (14), and a surface of the counterpoise extension and a planar emitting region or a longitudinal axis of the monopole antenna include an angle in the range of 90° to 180°.

IPC 8 full level

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