

Title (en)  
ANTENNA AND MEANS FOR FASTENING SAID ANTENNA TO A VEHICLE AND CONNECTING THE SAME TO ONE OR SEVERAL WIRES OF A HARNESS INSTALLED IN THE VEHICLE

Title (de)  
ANTENNE UND MITTEL ZUM BEFESTIGEN DER ANTENNE AUF EINEM FAHRZEUG SOWIE ZUM ANSCHLIESSEN DER ANTENNE AN EIN ODER MEHRERE KABEL EINES IM FAHRZEUG VERLEGTE KABELBAUMES

Title (fr)  
ANTENNE ET ELEMENT DESTINE A FIXER L'ANTENNE SUR UN VEHICULE ET A CONNECTER L'ANTENNE A UN OU PLUSIEURS CABLES D'UN FAISCEAU DE CABLES DISPOSE DANS LE VEHICULE

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• DE 102005029686 A 20050621

Abstract (en)  
[origin: WO2006087225A1] Disclosed are an antenna and a means for fastening said antenna to a vehicle and connecting the antenna to one or several wires (30) of a harness installed in the vehicle. The vehicle comprises a support part (23) that is provided with an exterior face, an interior face, and a hole (24) while the antenna encompasses a base part (1) with a bottom side which faces the support part (23). The means for fastening the antenna is fitted with a first fixing device (10) located on the base part (1) and a second fixing device (15, 22) which cooperates with the first fixing device (10) and is equipped with a fixture (15). Said fixture (15) is embodied such that the same can be braced together with the base part (1) of the antenna in such a way that the support part (23) is clamped between the fixture (15) and the base part (1) while one or several HF wires which protrude from the base part (1) and in which one respective HF plug-in connection (7, 28) is arranged are guided into the interior of the vehicle between the exterior face of the fixture (15) and the edge of the hole (24) via the hole (24) and are connected there to the one or several wires (30) of the harness by means of the respective plug-in connection (7, 28). Each inventive HF plug-in connection (7, 28) is composed of a plug (7) that is placed in a fixed manner on the base part (1) and a coupler (28) which is mounted on one of the wires (30) of the harness and is attached in a receiving device (29, 29a). Said receiving device (29, 29a) is designed so as to accommodate a coupler (28) for each plug (7) that is located on the base part (1) and is to be connected and fix said coupler (28) in a position which is mirror-inverted relative to the position of the plugs (7). The receiving device (29, 29a) can directly or indirectly be plugged onto the fixture (15) and be fixed thereto in order to connect the couplers (28) to the plugs (7).

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