

Title (en)

COUPLING DEVICE FOR JOINING A DOOR STOP TO THE HINGE OF DOOR OF A MOTOR VEHICLE

Title (de)

ANSCHLUSSEINRICHTUNG ZUR VERBINDUNG EINES TÜRFESTSTELLERS MIT EINEM KRAFTWAGENTÜRSCHARNIER

Title (fr)

MECANISME DE COUPLAGE DESTINE A RELIER UN DISPOSITIF D'IMMOBILISATION DE PORTE A UNE CHARNIERE DE PORTE DE VEHICULE

Publication

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Application

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Abstract (en)

[origin: US6594858B1] The invention relates to a coupling device for joining a door stop (17) to the hinge (1, 2) of a door of a motor vehicle, especially a door stop (17) consisting of a brake element and a retaining element that is rotationally fixed to one half (1) of the hinge and a retaining housing (18) that is rotationally fixed to the other half (2) of the hinge, whereby the brake element and retaining element is formed by an engaging element with an external peripheral contour that deviates from a pure circular shape and the retaining housing (18) is formed by a hollow profiled section with at least one inner peripheral contour that marks at least one braking or retaining position. The aim of the invention is to provide a coupling device that simplifies the production of and enables the production cost of the semi-hinge and the retaining housing to be reduced, in addition to facilitating assembly of the door stop with one half of the hinge of the door of a motor vehicle. This is achieved by rotationally fixing at least the retaining housing (18) of the door stop (17) to the appropriate part of the hinge (2) by means of a connecting element (20) that is made from a material that can be elastically deformed to a limited extent under pressure and which is provided on both sides with means enabling a positive fit with complementary counter-forms on the eye of the hinge (16) and the retaining housing (18).

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