

Title (en)

DOOR STOP WHICH IS INTEGRATED WITH A DEMOUNTABLE DOOR HINGE

Title (de)

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Title (fr)

ELEMENT D'ARRET DE PORTIERE INTEGRE A UNE CHARNIERE DE PORTIERE DEMONTABLE

Publication

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Appication

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Abstract (en)

[origin: DE19814593A1] The invention relates to a door stop for motor vehicle doors which is integrated with a demountable door hinge. The door hinge is comprised of two hinge halves (1, 2) and a hinge pin (3) which is accommodated in the hinge half (2) with a running fit and in the other hinge half (1) such that it can be lifted off without turning. The door stop comprises braking or holding means which are radially aligned in relation to the hinge pin axis and which interact with stopping means concentrically arranged in relation to the hinge pin axis. The door stop assembly is primarily accommodated in a door stop housing (12). Said door stop housing is placed on the respective hinge half (2) in an axial projection (11) of the hinge axis. The hinge pin is mounted with a running fit in the hinge half (2). According to the invention, the hinge pin (3) is connected to a complimentary non-circular form of the inner peripheral wall of the door stop housing (12) which is connected to the respective hinge half (2) whose knuckle intersperses the hinge pin with bearing clearance. Said hinge pin comprises a curvature contour of the cross-section thereof, said contour deviating from the pure circular form, over at least part of the longitudinal area (11) of the hinge pin which engages inside the door stop housing (12).

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