

Title (en)

DOOR STOP WHICH IS INTEGRATED WITH A DOOR HINGE

Title (de)

MIT EINEM TÜRSCHARNIER BAULICH VEREINIGTER TÜRFESTSTELLER

Title (fr)

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

Publication

EP 1068419 B1 20020306 (DE)

Application

EP 99945690 A 19990128

Priority

- DE 9900252 W 19990128
- DE 19815936 A 19980409
- DE 19820899 A 19980509

Abstract (en)

[origin: WO9953165A1] The invention relates to a door stop for motor vehicle doors which is integrated with a door hinge. The door hinge is constructed of two hinge halves (1, 2) which are each formed by a folded part made of sheet metal. The door hinge is also constructed of a hinge pin (13) which pivotally connects both hinge halves to one another. The first hinge half (1) having an essentially hat-shaped cross-section engages in-between both profile limbs (10) of the other hinge half (2) which is essentially u-shaped. The door stop (11, 12) comprises braking or holding means which are radially aligned in relation to the hinge pin axis and which interact with stopping means, said stopping means being concentrically arranged in relation to the hinge pin axis. The door stop is essentially coaxial in relation to the hinge axis. In order to produce a door stop which can be integrated and which enables a standardization of the door stop construction, the invention provides that the rotating bearing of an enclosing hinge half (2) and the stopping device (11, 12) are accommodated in a stopping device housing (4). Said housing is primarily arranged inside the engaging hinge half (1) having a hat-shaped profile cross-section, and is fastened on this hinge half in a rotationally fixed manner.

IPC 1-7

E05D 11/10

IPC 8 full level

E05D 11/10 (2006.01); **E05C 17/64** (2006.01); **E05D 11/08** (2006.01)

CPC (source: EP US)

E05D 11/10 (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

WO 9953165 A1 19991021; AU 3247299 A 19991101; CN 1296548 A 20010523; DE 19980634 D2 20010510; EP 1068419 A1 20010117; EP 1068419 B1 20020306; JP 2002511545 A 20020416; US 6427287 B1 20020806

DOCDB simple family (application)

DE 9900252 W 19990128; AU 3247299 A 19990128; CN 99804916 A 19990128; DE 19980634 T 19990128; EP 99945690 A 19990128; JP 2000543698 A 19990128; US 64790401 A 20010201