

Title (en)  
DOOR CHECK FOR DOORS OF AUTOMOTIVE VEHICLES

Publication  
**EP 0436067 B1 19930519 (DE)**

Application  
**EP 90115089 A 19900806**

Priority  
DE 3943407 A 19891230

Abstract (en)  
[origin: EP0436067A1] In a door stop for motor-vehicle doors which consist of a door-holding rod, which is articulated pivotably by means of a bearing block on a door arrangement part, namely door or door spar, and which is equipped with notches marking the door-opening positions to be locked and with a limit stop defining the end opening position of the door, and of a holder housing which is fastened rigidly to the other door arrangement part and through which the door-holding rod passes and in which a first roller is mounted rotatably as an abutment roller about a rigid axle and a second roller is mounted rotatably as a load roller on the load arm of a torsion-bar spring supported on the holder housing by means of a supporting arm, it is proposed that the door-holding rod (2) have a rounded cross-sectional profile over its entire length coming into engagement with the rollers (4 and 6), and the notches (15, 16) marking the door-opening positions to be locked each be formed by at least one bend of the door-holding rod (2) directed transversely to its longitudinal axis, and that the running surface of at least one of the rollers (4, 6), namely load and/or abutment roller, have an inwardly curved profile shape (22). <IMAGE>

IPC 1-7  
**B60J 5/04**; **E05C 17/22**

IPC 8 full level  
**B60J 5/04** (2006.01); **E05C 17/20** (2006.01); **E05C 17/22** (2006.01)

CPC (source: EP US)  
**E05C 17/203** (2013.01 - EP US); **Y10S 292/61** (2013.01 - EP US); **Y10T 292/28** (2015.04 - EP US)

Cited by  
DE9202108U1; KR100862097B1; CN113412359A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0436067 A1 19910710**; **EP 0436067 B1 19930519**; AT E89641 T1 19930615; DE 3943407 A1 19910704; DE 59001498 D1 19930624; ES 2041087 T3 19931101; US 5112091 A 19920512

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