

Title (en)

Door check device for vehicles

Title (de)

Türüberprüfungsvorrichtung für Fahrzeuge

Title (fr)

Dispositif de vérification de porte pour véhicules

Publication

EP 2000618 B1 20090812 (EN)

Application

EP 07425355 A 20070606

Priority

EP 07425355 A 20070606

Abstract (en)

[origin: EP2000618A1] A door-stop device for vehicles, comprising: - a tie-rod (14) having an external surface with circular cross section, provided with at least one retention seat (20, 22, 24); - a support (12) having a passage (44, 46), through which the tie-rod (14) extends; - three retention bodies (54), carried by the support (12) and co-operating with said retention seat (20, 22, 24) for defining at least one position of stable retention of the tie-rod (14) with respect to the support (12); and - elastic means (64) acting between said retention bodies (54) and said support (12) for pushing said retention bodies (54) against the tie-rod (14) in radial directions (50) with respect to the tie-rod (14). The support (12) comprises three rectilinear guides (48) with respective axes (50) arranged radially with respect to the tie-rod (14) and set at an angular distance apart from one another, each of said retention bodies (54) being guided slidably within a respective guide (48).

IPC 8 full level

E05C 17/20 (2006.01)

CPC (source: EP)

E05C 17/203 (2013.01); **E05C 17/206** (2013.01)

Cited by

CN107288456A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2000618 A1 20081210; EP 2000618 B1 20090812; AT E439498 T1 20090815; BR PI0801887 A2 20090127; DE 602007001961 D1 20090924

DOCDB simple family (application)

EP 07425355 A 20070606; AT 07425355 T 20070606; BR PI0801887 A 20080527; DE 602007001961 T 20070606