

Title (en)
MECHANICAL DOOR STOP FOR DOORS, IN PARTICULAR VEHICLE DOORS

Title (de)
MECHANISCHER TÜRFESTSTELLER FÜR TÜREN, INSBESONDERE FAHRZEUGTÜREN

Title (fr)
BLOC-PORTE MÉCANIQUE POUR PORTES, NOTAMMENT POUR PORTIÈRES DE VÉHICULE

Publication
EP 1951977 B1 20090429 (DE)

Application
EP 06829290 A 20061205

Priority
• EP 2006011643 W 20061205
• DE 102006000734 A 20060104
• DE 102006005495 A 20060207

Abstract (en)
[origin: WO2007076912A1] Mechanical door stop (1) for doors, in particular vehicle doors, comprising - a housing (2), which forms an axial element (5), - a frictional element (6), which is retained in a stationary manner on a carrier (4) and has a frictional surface (7), - a pressure-exerting element (23), which is guided in the housing (2) such that it can be adjusted along the axial element (5), - a compression spring (26), which is accommodated in the housing (2), is supported by one end (27) against the pressure-exerting element (23) and by its other end (28) against an abutment 29 secured on the housing (2), and has an aperture (8) between the pressure-exerting element (23) and the carrier (4), the aperture running transversely to the axial element (5), - and an elongate slide (9), which is guided through the aperture (8) between the frictional element (6) and the pressure-exerting element (23), transversely to the axial element (5), has a first end (11) serving for connection to the motor vehicle, has a free second end (12), has a planar contact surface (13), which is in contact with the frictional surface (7) of the frictional element (6), has a catch-free supporting surface (114), directed away from the contact surface (13) and with the pressure-exerting element (23) supported against it, can be adjusted between the frictional element (6) and the pressure-exerting element (23), transversely to the axial element (5), and can be pivotably adjusted in the aperture (8) about the axial element (5).

IPC 8 full level
E05C 17/20 (2006.01)

CPC (source: EP)
E05C 17/20 (2013.01)

Cited by
DE102013210442A1; EP3103945A1; WO2016198315A1; US10604976B2; DE202013102417U1; US8959712B2

Designated contracting state (EPC)
AT CH DE FR GB LI LU

DOCDB simple family (publication)
WO 2007076912 A1 20070712; AT E430241 T1 20090515; DE 102006005495 A1 20070913; DE 502006003637 D1 20090610;
EP 1951977 A1 20080806; EP 1951977 B1 20090429; EP 1951977 B8 20090805

DOCDB simple family (application)
EP 2006011643 W 20061205; AT 06829290 T 20061205; DE 102006005495 A 20060207; DE 502006003637 T 20061205;
EP 06829290 A 20061205