

Title (en)

Doorstop device for a vehicle door and vehicle door for a vehicle with such a doorstop device

Title (de)

Türfeststeller für eine Fahrzeugtür und Fahrzeugtür für ein Fahrzeug mit einem derartigen Türfeststeller

Title (fr)

Dispositif d'arrêt pour une porte de véhicule et porte de véhicule pour un véhicule avec un tel dispositif d'arrêt

Publication

EP 1722054 A1 20061115 (DE)

Application

EP 05022962 A 20051021

Priority

DE 102004061787 A 20041222

Abstract (en)

The stopper has a piston-cylinder unit (23) with two ends and arranged longitudinally inside a motor vehicle door. The unit is connected in a swiveling manner at one end with the door, and interacts at other end on a stationary structural section. A multi-part lever mechanism (24) converts a swiveling motion of the door about a swiveling axis (21) into a back and forth thrusting motion of the unit. An independent claim is also included for a motor vehicle door for a motor vehicle, comprising a door stopper.

IPC 8 full level

E05C 17/20 (2006.01); **B60J 5/00** (2006.01); **E05C 17/30** (2006.01)

CPC (source: EP US)

E05C 17/203 (2013.01 - EP US); **E05C 17/305** (2013.01 - EP US); **E05F 5/025** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (applicant)

- DE 4400784 C1 19950406 - DAIMLER BENZ AG [DE]
- DE 3519203 A1 19860724 - PORSCHE AG [DE]

Citation (search report)

- [A] DE 3642442 C1 19870827 - AUDI AG
- [A] GB 2312469 A 19971029 - ROVER GROUP [GB]
- [A] DE 9201226 U1 19920326
- [A] EP 0978615 A2 20000209 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
- [AD] DE 4400784 C1 19950406 - DAIMLER BENZ AG [DE]
- [AD] DE 3519203 A1 19860724 - PORSCHE AG [DE]

Cited by

DE102018211256B4; DE102015114870B4; FR3097002A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

US 2006130274 A1 20060622; **US 7516514 B2 20090414**; DE 102004061787 A1 20060713; DE 502005002659 D1 20080313; EP 1722054 A1 20061115; EP 1722054 B1 20080123; JP 2006177148 A 20060706

DOCDB simple family (application)

US 31295505 A 20051221; DE 102004061787 A 20041222; DE 502005002659 T 20051021; EP 05022962 A 20051021; JP 2005359881 A 20051214