

Title (en)

Torsion bar door check for vehicle doors

Title (de)

Drehstab-Türfeststeller für Kraftwagentüren

Title (fr)

Arrêt de porte avec barre de torsion pour portières de voiture

Publication

EP 0794308 B1 19990428 (DE)

Application

EP 96104916 A 19960328

Priority

DE 19608496 A 19960305

Abstract (en)

[origin: EP0794308A1] The torsion bar is formed of a sprung torsion bar connected to a weighting arm (17). The catch (8) is formed by at least two peripherally profiled rollers (18) each pivot mounted on a bearing pin (25). The rollers are mounted on the pins forming their bearing axles, interspersed with bearing bushes at least coated with an easily maintained, non-metallic material. The bearing bushes are made of plastic with a predominant proportion of filling agents.

IPC 1-7

E05D 11/10

IPC 8 full level

B60J 5/04 (2006.01); **E05D 11/10** (2006.01); **E05F 1/12** (2006.01); **F16F 1/16** (2006.01)

CPC (source: EP US)

E05D 11/1042 (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by

US6581243B2; KR20040012179A; EP1129876A3; FR2804992A1; FR2811007A1

Designated contracting state (EPC)

DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

EP 0794308 A1 19970910; EP 0794308 B1 19990428; AR 001968 A1 19971210; BR 9602743 A 19980908; CN 1073197 C 20011017; CN 1158937 A 19970910; DE 19608496 A1 19970911; DE 59601768 D1 19990602; ES 2133182 T3 19990901; JP H09242412 A 19970916; MX 9602392 A 19970930; US 5791017 A 19980811

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EP 96104916 A 19960328; AR 33654796 A 19960517; BR 9602743 A 19960612; CN 96104591 A 19960418; DE 19608496 A 19960305; DE 59601768 T 19960328; ES 96104916 T 19960328; JP 10941096 A 19960430; MX 9602392 A 19960619; US 95030697 A 19971014