

Title (en)
Door-stop device for vehicles

Title (de)
Türstopper für Fahrzeuge

Title (fr)
Dispositif d'arrêt de porte pour véhicules

Publication
EP 2011940 A1 20090107 (EN)

Application
EP 07425404 A 20070702

Priority
EP 07425404 A 20070702

Abstract (en)
A door-stop device for vehicles, comprises: - a tie-rod (12) having an external surface provided with at least one retention seat (14a, 14b, 14c); - a casing (26) having a chamber (32) and two facing through openings (62, 63), through which the tie-rod extends (12); - two opposed retention elements (52), housed in said chamber (32); and - elastic means (54), housed in said chamber (32) and arranged for pushing the retention elements (56) elastically against the tie-rod (12), wherein the casing (26) comprises a hollow base body (28) and a lid (30) fixed to the base body (28). The base body (28) and the lid (30) are provided with coupling means, which co-operate with one another and include a groove (50) formed on one of said bodies forming the base (28) and the lid (30) and a complementary engagement formation (44) provided on the other of said bodies forming the base (28) and the lid (30).

IPC 8 full level
E05C 17/20 (2006.01)

CPC (source: EP)
E05C 17/203 (2013.01)

Citation (search report)
• [A] EP 0525268 A1 19930203 - SOFEDIT [FR]
• [A] DE 4439821 A1 19960509 - SCHARWAECHTER GMBH CO KG [DE]
• [A] FR 2852995 A1 20041001 - OXFORD AUTOMOTIVE MECANISMES E [FR]
• [A] US 2003037411 A1 20030227 - SEO SEUNG-WOO [KR]
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CN108086821A; FR2957110A1; EP2354395A1; WO2019108151A3

Designated contracting state (EPC)
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