

Title (en)
Doorstop device for vehicles

Title (de)
Türfeststeller für Fahrzeuge

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

Publication
EP 1564355 A1 20050817 (EN)

Application
EP 04425086 A 20040210

Priority
EP 04425086 A 20040210

Abstract (en)
A doorstop device for vehicles, comprising: a base structure (12) made of stamped plate with two parallel sides (14, 16), a first roller (26) mounted rotatable on a pivot (42) fastened between said parallel sides (14, 16), an elastic element (46) formed by a bent metallic bar having a first end (48) anchored to the base structure (12) and bearing at the second end a second roller (28) mounted rotatable around an axis parallel to the axis of the first roller (26), a tie rod (30) having two opposite rolling surfaces (36, 38) against which said rollers (26, 28) are pressed by the force produced by the elastic element (46). The second roller (28) comprises an inner rolling element (60) mounted freely rotatable on the second end (50) of the elastic element (46) and an outer rolling element (62) mounted freely rotatable on the inner rolling element (60). <IMAGE>

IPC 1-7
E05C 17/20

IPC 8 full level
E05C 17/20 (2006.01)

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

Citation (search report)
• [A] EP 1319783 A1 20030618 - GAMMASTAMP SPA [IT]
• [A] EP 0436066 A1 19910710 - SCHARWAECHTER GMBH CO KG [DE]
• [A] EP 1241306 A1 20020918 - GAMMASTAMP SPA [IT]

Cited by
EP1887174A1; CN103502686A; US2014014275A1; US9810284B2; CN107932975A; US2018119774A1; US10724601B2

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