

Title (en)

Door check structurally combined with a door hinge

Title (de)

Mit einem Türscharnier baulich vereinigter Türfeststeller für Kraftwagentüren

Title (fr)

Charnière de porte pour véhicule à moteur combinée constructivement avec un arrêt de porte

Publication

EP 0769600 A3 19980916 (DE)

Application

EP 96115690 A 19961001

Priority

DE 19538561 A 19951017

Abstract (en)

[origin: EP0769600A2] The door check comprises a rotary bar spring held on one hinge vane and at least three identical abutment rollers (7) having over at least part of their height the same heart-shaped cross-sectional shapes and these are mounted on an abutment support (5) formed on the other hinge vane across the hinge axis. The bearing axes (6) of the rollers are mounted at a smaller distance than the largest diameter of their cross-sectional shape on the support of the other hinge vane (1). The abutment rollers can have in a central area a circular cross-sectional shape and radially aligned extensions.

IPC 1-7

E05C 17/00

IPC 8 full level

E05D 11/00 (2006.01); **B60J 5/00** (2006.01); **E05C 17/00** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)

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

Citation (search report)

- [AD] DE 3229766 A1 19840216 - SCHARWAECHTER GMBH CO KG [DE]
- [DA] IT 728110 B & DE 1584039 A1 19690220 - ATWOOD VACUUM MACHINE CO

Cited by

US6581243B2; FR2804992A1; FR2811007A1

Designated contracting state (EPC)

DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

EP 0769600 A2 19970423; **EP 0769600 A3 19980916**; **EP 0769600 B1 20010207**; BR 9605156 A 19980714; CN 1080812 C 20020313; CN 1155482 A 19970730; CZ 290544 B6 20020814; CZ 300096 A3 19970514; DE 19538561 A1 19970424; DE 59606419 D1 20010315; ES 2155914 T3 20010601; MX 9604867 A 19970430; PT 769600 E 20010731; US 5675869 A 19971014; ZA 968676 B 19970521

DOCDB simple family (application)

EP 96115690 A 19961001; BR 9605156 A 19961017; CN 96120346 A 19961017; CZ 300096 A 19961014; DE 19538561 A 19951017; DE 59606419 T 19961001; ES 96115690 T 19961001; MX 9604867 A 19961016; PT 96115690 T 19961001; US 73437196 A 19961017; ZA 968676 A 19961015