

Title (en)

Door lock combined with an unhingeable door hinge

Title (de)

Mit einem aushängbaren Türscharnier baulich vereinigter Türfeststeller

Title (fr)

Charnière de porte décrochable à l'arrêt de porte intégré

Publication

EP 0807738 A3 19990929 (DE)

Application

EP 97106759 A 19970424

Priority

DE 19619473 A 19960514

Abstract (en)

[origin: EP0807738A2] The car door restrainer is combined with the door hinge. The restrainer has at least one braking and retaining body working together with a holding device possessing at least one stop notch. Relative to the hinge pin (3) axis, the braking and retaining bodies are arranged as sliding bodies in pairs lying opposite each other and are carried by a leaf spring joined to the pin which cannot turn, projecting radially. The sliding bodies are formed at the free ends of the arms of a leaf spring with at least two arms (11). The spring is star-shaped with at least two pairs of arms.

IPC 1-7

E05C 17/46

IPC 8 full level

E05D 7/086 (2006.01); **E05C 17/46** (2006.01); **E05D 7/10** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)

E05D 11/1057 (2013.01 - EP US); **E05D 11/1085** (2013.01 - EP US); **E05D 2011/1035** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (search report)

- [PX] DE 29700043 U1 19970313 - SCHARWAECHTER GMBH CO KG [DE]
- [A] DE 8627459 U1 19871119
- [A] DE 4212181 A1 19931014 - AUDI AG [DE]
- [A] DE 8401062 U1 19870326

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 29611674 U1 19960912; DE 19619473 A1 19971120; DE 59711198 D1 20040219; EP 0807738 A2 19971119; EP 0807738 A3 19990929; EP 0807738 B1 20040114; JP H1046902 A 19980217; US 6282752 B1 20010904

DOCDB simple family (application)

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