

Title (en)

A device to hold open doors comprising a torsion bar spring and a detent device combined with a door hinge for vehicle doors

Title (de)

Mit einer Drehstabfeder und eine Rastvorrichtung aufweisenden Türfeststeller baulich vereinigtes Türscharnier für Kraftwagentüren

Title (fr)

Charnière de porte à arrêtoir de porte intégré pour portes de véhicules, l'arrêtoir comprenant une barre de torsion et élément d'arrêt

Publication

**EP 0702123 B1 19970806 (DE)**

Application

**EP 95107380 A 19950516**

Priority

DE 4432022 A 19940908

Abstract (en)

[origin: EP0702123A1] The assembly has a second hinge tab (3) which is releasably fitted to the door pillar by a screwbolt (13) which not only joins the tab (3) to the adapter (12) but also locates this (12) and the tab (3) to the pillar. The projecting part (14) of the adapter to grasp the hinge pin (1) from above or below has an extension (15) which engages the first hinge tab (2) on its cross-wall marked out for the door check so that the adapter part (14) also takes up some of the door operating forces. The extension (15) lies in the bisector of the permitted maximum door opening angle and is spaced both from the pin (1) (door axis (1)) as also from the bolt (13) engaging the cross-wall of tab (3) as fitted out with the latching device for the door brake or check. The adapter forms a single or composite vee-plan element whose one part bears via face (11) against the door pillar and whose second part is provided by the projection (14) and extension (15) specified.

IPC 1-7

**E05D 11/10**; **E05D 7/12**

IPC 8 full level

**B62D 25/12** (2006.01); **E05D 3/12** (2006.01); **E05D 7/12** (2006.01); **E05D 11/10** (2006.01); **E05F 1/06** (2006.01)

CPC (source: EP US)

**E05D 7/121** (2013.01 - EP US); **E05D 11/1042** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

**DE 4432022 A1 19960314**; DE 59500472 D1 19970911; EP 0702123 A1 19960320; EP 0702123 B1 19970806; ES 2105812 T3 19971016; JP 3795934 B2 20060712; JP H08193456 A 19960730; US 5575037 A 19961119

DOCDB simple family (application)

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