

Title (en)

Hinge and check unit for lift-off vehicle doors

Title (de)

Scharnier-und Feststellereinheit für aushängbare Kraftwagentüren

Title (fr)

Ensemble de charnière et d'arrêt pour portes de véhicule dégondables

Publication

EP 0791715 B1 19990526 (DE)

Application

EP 96102939 A 19960228

Priority

DE 19606186 A 19960220

Abstract (en)

[origin: US5794309A] A hinge and lock assembly for releasably mounting a vehicle door on a door pillar of a vehicle including two hinge flaps attachable to the door and the door pillar, respectively, a hinge pin for pivotally connecting the two flaps with each other, a support releasably attachable to the door pillar for attaching the hinge to the door pillar an indexing arrangement formed on the hinge flap attachable to the door pillar and including alternating, following each other projections and indentations which cooperate with the torsion bar of the door lock for locking the door in a predetermined position, and a plurality of holding members pivotally supported on one leg of the door pillar hinge flap and cooperating with respective indentations of the indexing arrangement for holding a weighting arm of the torsion bar.

IPC 1-7

E05D 11/10

IPC 8 full level

E05D 11/00 (2006.01); **B60J 5/04** (2006.01); **E05D 11/10** (2006.01); **E05F 1/12** (2006.01); **E05D 7/12** (2006.01)

CPC (source: EP US)

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

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 5794309 A 19980818; AR 002038 A1 19980107; BR 9602106 A 19981103; CN 1078300 C 20020123; CN 1160117 A 19970924; EP 0791715 A1 19970827; EP 0791715 B1 19990526; ES 2134522 T3 19991001; JP H09221956 A 19970826; MX 9601204 A 19970830

DOCDB simple family (application)

US 79664397 A 19970207; AR 10184796 A 19960321; BR 9602106 A 19960429; CN 97100766 A 19970220; EP 96102939 A 19960228; ES 96102939 T 19960228; JP 10941196 A 19960430; MX 9601204 A 19960329