Title (en)

Lift-off hinge for vehicle doors

Title (de)

Aushängbares Türscharnier für Kraftwagentüren

Title (fr)

Charnière dégondable pour portes de véhicule

Publication

EP 0845568 A3 20000119 (DE)

Application

EP 97119297 A 19971105

Priority

- DE 29620782 U 19961130
- DE 19652625 A 19961218

Abstract (en)

[origin: EP0845568A2] The hinge comprises two hinge halves fixable to door arrangement, door or door column, each with two spaced apart aligned hinge eyelets. The two hinge halves (1, 2) are formed by a folded plate material section and at least in the area of the hinge axis have a U-shaped profile cross-section form. The hinge eyelets (3, 4) are arranged in the profile arms of the U-shaped profile cross-section form of the two hinge halves. The two hinge halves also have a device for their counterposed securing both in the closed and also in a further pivot position corresponding to the partially opened position of the door. The two hinge halves engage over one another with their profile base and the hinge pin stubs (11) are arranged in the hinge eyelets of the engaging hinge half.

IPC 1-7

E05D 5/12; E05D 7/10; E05D 11/10

IPC 8 full level

E05D 7/10 (2006.01); **E05D 11/10** (2006.01); E05D 5/06 (2006.01); E05D 5/12 (2006.01); E05D 7/12 (2006.01)

CPC (source: EP US)

E05D 7/105 (2013.01 - EP US); **E05D 11/1085** (2013.01 - EP US); E05D 5/062 (2013.01 - EP US); E05D 5/128 (2013.01 - EP US); E05D 7/121 (2013.01 - EP US); E05Y 2900/531 (2013.01 - EP US); Y10T 16/53605 (2015.01 - EP US); Y10T 16/5361 (2015.01 - EP US); Y10T 16/54028 (2015.01 - EP US)

Citation (search report)

- [XY] EP 0275641 A1 19880727 - FORD MOTOR CO [GB], et al
- [Y] US 4881298 A 19891121 - TURNBULL ROY C [US]
- [A] EP 0653536 A2 19950517 - IHW LTD [GB]
- [DA] DE 3644576 A1 19880616 - SCHARWAECHTER GMBH CO KG [DE]

Cited by

DE10356461B3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0845568 A2 19980603; **EP 0845568 A3 20000119**; **EP 0845568 B1 20010328**; ES 2156624 T3 20010701; US 6070296 A 20000606

DOCDB simple family (application)

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