

Title (en)

Lift-off door hinge for vehicles.

Title (de)

Aushängbares Kraftwagentürscharnier

Title (fr)

Charnière pour porte de véhicule dégondable

Publication

EP 0882865 B1 20020918 (DE)

Application

EP 98109402 A 19980523

Priority

DE 19723401 A 19970604

Abstract (en)

[origin: DE19723401C1] The first hinge-half (1) is fixed to a door-fitting, door or door-frame and has a gudgeon (4). The second hinge-half (3) is fixed to another door fitting, and has a gudgeon (5). A hinge-pin (2) fits into the gudgeons of the two hinge-halves to join them. Part of the pin length rotates freely in the gudgeon of one hinge-half and is axially secured and has a flange (7) gripping over the end surface of the gudgeon. The hinge pin and gudgeon of the hinge-half have conical aligning surfaces (13) sloping towards the hinge axis. The end surface and the pin conical aligning surface are formed on a part connectable to the hinge-pin.

IPC 1-7

E05D 5/12; **E05D 7/10**; **F16B 37/00**

IPC 8 full level

E05D 7/10 (2006.01); **E05D 5/12** (2006.01); **F16B 37/00** (2006.01)

CPC (source: EP)

E05D 5/121 (2013.01); **E05D 7/1044** (2013.01); **E05D 2005/122** (2013.01); **E05Y 2800/26** (2013.01); **E05Y 2900/531** (2013.01)

Cited by

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Designated contracting state (EPC)

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DE 19723401 C1 19980709; BR 9801769 A 19990706; CN 1088788 C 20020807; CN 1206775 A 19990203; CZ 172698 A3 19981216; DE 59805576 D1 20021024; EP 0882865 A2 19981209; EP 0882865 A3 20000405; EP 0882865 B1 20020918

DOCDB simple family (application)

DE 19723401 A 19970604; BR 9801769 A 19980603; CN 98101498 A 19980604; CZ 172698 A 19980604; DE 59805576 T 19980523; EP 98109402 A 19980523