

Title (en)
Releasable vehicle door hinge

Title (de)
Trennbare Kraftwagentürscharnier

Title (fr)
Charnière séparable pour porte de véhicule

Publication
EP 0823525 B1 20030730 (DE)

Application
EP 97107346 A 19970503

Priority
DE 19632027 A 19960808

Abstract (en)
[origin: EP0823525A1] The hinge comprises two hinge halves (1,2) connected by a hinge pin (3) pivotably to one another in an installation position. The hinge pin is rotatably located in the hinge eyelet of the one hinge half (2) by a bearing bush (5) made of maintenance-free bearing material with a running seat. In the other hinge half (1) in the hinge eyelet (6), the hinge pin is fixed in positive engagement and secure against rotation by means of an axially directed profiling (7). In each installation position, an exact retention and guiding of the hinge pin is ensured. In axial extension of the eyelet hole (8) of the at least one hinge eyelet a recess (12) accommodates the forwardly located end area (11) of the hinge pin in its driven-in direction.

IPC 1-7
E05D 5/12; **E05D 7/10**

IPC 8 full level
E05D 3/02 (2006.01); **B60J 5/04** (2006.01); **E05D 5/10** (2006.01); **E05D 5/12** (2006.01); **E05D 7/10** (2006.01)

CPC (source: EP US)
E05D 5/128 (2013.01 - EP US); **E05D 7/1022** (2013.01 - EP US); **E05D 5/121** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by
KR20020078892A; EP3447224A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0823525 A1 19980211; **EP 0823525 B1 20030730**; DE 19632027 A1 19980212; DE 59710499 D1 20030904; JP H10140918 A 19980526; US 5867870 A 19990209

DOCDB simple family (application)
EP 97107346 A 19970503; DE 19632027 A 19960808; DE 59710499 T 19970503; JP 21358897 A 19970807; US 88622997 A 19970701