

Title (en)

Separable low-friction door hinge, particularly for vehicles

Title (de)

Teilbares, reibungsarmes Türscharnier, insbesondere für Kraftfahrzeuge

Title (fr)

Charnière de porte démontable à faible frottement, en particulier pour véhicules

Publication

EP 0719901 B1 20000405 (EN)

Application

EP 95118868 A 19951130

Priority

IT TO940983 A 19941201

Abstract (en)

[origin: EP0719901A1] A hinge separable into two subunits (2,3) connectable and disconnectable rapidly, a first (3) of which is secured adjustably to the door post (5) of a vehicle body, and a second (2) of which remains connected to the vehicle door (4) to enable the door to be removed and reassembled from/to the vehicle body; the first subunit (3) presents retaining means (15) in turn presenting rolling (21) and plain (22) bearings and designed to receive corresponding connecting means (16) on the second subunit (2) to connect the second subunit to the first subunit in low-friction rotary manner about a common hinge axis; the retaining means permitting the connecting means to slide axially and parallel to the hinge axis in at least one given direction; and a movable connecting element (38) being provided between the two subunits and acting along an axis other than and parallel to the hinge axis. <IMAGE>

IPC 1-7

E05D 7/10

IPC 8 full level

E05D 7/10 (2006.01)

CPC (source: EP)

E05D 7/1005 (2013.01); **E05D 2003/025** (2013.01); **E05D 2003/027** (2013.01); **E05Y 2900/531** (2013.01)

Cited by

JP2019116115A; FR2799681A1; ES2245233A1; EP2636832A3; AT515135A1; AT515135B1; US10113346B2; WO2008040832A1; WO0127428A1; WO2022242795A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0719901 A1 19960703; **EP 0719901 B1 20000405**; DE 69516103 D1 20000511; DE 69516103 T2 20001109; IT 1267180 B1 19970128; IT TO940983 A0 19941201; IT TO940983 A1 19960601

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