

Title (en)

Door hinge, in particular for vehicles

Title (de)

Türscharnier, insbesondere für Kraftfahrzeug

Title (fr)

Charnière de porte, notamment pour véhicule automobile

Publication

EP 0828050 B1 20030129 (FR)

Application

EP 97402069 A 19970905

Priority

FR 9610887 A 19960906

Abstract (en)

[origin: EP0828050A1] The vehicle door hinge comprises a first hinge (1) fixed to the door and a second hinge (2) fixed to the vehicle structure. The two hinges are fixed together by a spindle. The first hinge has a retaining element (3a) having a bore receiving a part of the spindle. The other part of the spindle engages in a bore of a retaining element (4) carried by the second hinge. The two hinges have guides which limit the displacement of the door relative to the vehicle structure and facilitate alignment of the bores for inserting the spindle. The first hinge retaining part has a part (9) extending beyond the bore. This part has a support wall (10) which engages a surface of the retaining element.

IPC 1-7

E05D 7/10

IPC 8 full level

E05D 7/10 (2006.01)

CPC (source: EP)

E05D 7/1005 (2013.01); **E05D 7/1083** (2013.01); **E05D 2003/027** (2013.01); **E05Y 2900/531** (2013.01)

Citation (examination)

DE 3940926 A1 19910418 - SCHARWAECHTER GMBH CO KG [DE]

Cited by

DE102015216159B3; WO2006125535A1

Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

EP 0828050 A1 19980311; **EP 0828050 B1 20030129**; DE 69718728 D1 20030306; DE 69718728 T2 20031120; FR 2753226 A1 19980313; FR 2753226 B1 19981127

DOCDB simple family (application)

EP 97402069 A 19970905; DE 69718728 T 19970905; FR 9610887 A 19960906