

Title (en)

Door hinge for motor vehicles

Title (de)

Türscharnier für Kraftfahrzeuge

Title (fr)

Charnière pour véhicules automobiles

Publication

EP 1617026 A3 20070502 (DE)

Application

EP 05014646 A 20050706

Priority

DE 102004034247 A 20040714

Abstract (en)

[origin: EP1617026A2] The hinge has a door part connectable with a door. A column part forms part of a body and a connected hinge skews with the door and swivels with the column. A clamp provides a friction connection with the hinge and connected to the column. The clamp (5) is springily connected with springs to the column. The friction connection is such that the relationship between static friction and sliding friction lies between 3:1 and 10:1, preferably 5:1 and 10:1. The friction connection is formed by a compression joint.

IPC 8 full level

E05D 11/08 (2006.01)

CPC (source: EP)

E05D 11/082 (2013.01); **E05F 15/619** (2015.01); **E05D 5/062** (2013.01); **E05D 5/121** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/25** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [X] WO 0133018 A1 20010510 - EDSCHA AG [DE], et al
- [X] US 5079799 A 19920114 - RUDE EDWARD T [US], et al
- [A] DE 19838820 A1 20000302 - AUBI BAUBESCHLAEGE GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1617026 A2 20060118; EP 1617026 A3 20070502; DE 102004034247 B3 20060119

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