

Title (en)

Door hinge for motor vehicles

Title (de)

Türscharnier für Kraftfahrzeuge

Title (fr)

Charnière pour véhicules automobiles

Publication

**EP 1617026 A2 20060118 (DE)**

Application

**EP 05014646 A 20050706**

Priority

DE 102004034247 A 20040714

Abstract (en)

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 (applicant)

- DE 19901263 A1 20000727 - LUNKE VENTRA AUTOMOTIVE GMBH [DE]
- DE 19625556 A1 19980102 - KUEHL HANS DIPL ING [DE]

Designated contracting state (EPC)

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

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