

Title (en)

Hinge, especially for doors of vehicles

Title (de)

Scharnier, insbesondere für Türen von Kraftfahrzeugen

Title (fr)

Charnière, en particulier pour des portes de véhicules

Publication

**EP 1306505 A3 20041222 (DE)**

Application

**EP 02021173 A 20020924**

Priority

DE 10152784 A 20011029

Abstract (en)

[origin: EP1306505A2] The hinge has a hinge part (1) secured to the door column and a hinge part (2) attached to the automobile door, with a hinge bolt (11) fitting through 2 wings (7,8) of the door column hinge part and an arm (10) of the door hinge part, inserted between these wings. A retention device holds the opened door in at least one angular position, using a spring-loaded ratchet element of the door column hinge part cooperating with notches in a ratchet profile of the door hinge part.

IPC 1-7

**E05D 11/10**

IPC 8 full level

**E05D 11/10** (2006.01)

CPC (source: EP)

**E05D 11/1071** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [XY] DE 4426425 A1 19960201 - BEHM ERNST DIPL ING [DE]
- [Y] FR 2655084 A1 19910531 - MONIN R [FR]

Cited by

CN103527021A; US7908712B2; EP2050905A3; CN111946188A

Designated contracting state (EPC)

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**EP 1306505 A2 20030502**; **EP 1306505 A3 20041222**; DE 10152784 A1 20030515

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