

Title (en)

Hinge for vehicle door, in particular of a van

Title (de)

Scharnier für eine Fahrzeugtür, insbesondere für einen Transporter

Title (fr)

Charnière pour porte de véhicule, en particulier d'un fourgon

Publication

EP 2072729 A1 20090624 (EN)

Application

EP 07123981 A 20071221

Priority

EP 07123981 A 20071221

Abstract (en)

A hinge for vehicle doors, in particular for the rear doors of vans, with rotation of the wings about substantially vertical axes, comprising a first element (1) suitable to be fastened to a wing, a second element (3) suitable to be fastened to a fixed part of the vehicle, a central body (5) pivoted at one end to said first element and at an opposite end to said second element, a rod (8) pivoted at one end to said first element and at an opposite end to said second element, wherein the pivot axes that pivot the rod to each of said elements are not coincident with the pivot axes of said central body. The rod presents profiles (12, 12') suitable to interact with followers (13) fastened to the central body, thrust by springs (16, 16', 16''), so as to hold the wing in specific positions, until the force of the springs is overcome by acting on the wing.

IPC 8 full level

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CPC (source: EP)

E05C 17/203 (2013.01); **E05D 3/147** (2013.01); **E05D 11/1085** (2013.01); **E05Y 2900/532** (2013.01)

Citation (applicant)

US 2002194705 A1 20021226 - LIANG CHUAN [CA]

Citation (search report)

- [XA] US 2002194705 A1 20021226 - LIANG CHUAN [CA]
- [XA] WO 0235041 A1 20020502 - FIAT RICERCHÉ [IT], et al
- [A] WO 2006076757 A1 20060727 - M T M PTY LTD [AU], et al

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GB2582549B; FR3042212A1; WO2020187618A1

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 07123981 A 20071221; AR P080105540 A 20081218; AU 2008255168 A 20081208; BR PI0806651 A 20081222; CN 200810184972 A 20081219; ES 07123981 T 20071221; RU 2008150554 A 20081219