

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 B1 20130626 (EN)

Application

EP 07123981 A 20071221

Priority

EP 07123981 A 20071221

Abstract (en)

[origin: EP2072729A1] 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

E05D 3/14 (2006.01); **E05C 17/20** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)

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

Cited by

GB2582549B; FR3042212A1; WO2020187618A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2072729 A1 20090624; **EP 2072729 B1 20130626**; AR 069815 A1 20100217; AU 2008255168 A1 20090709; AU 2008255168 B2 20140703; BR PI0806651 A2 20100504; BR PI0806651 B1 20181106; CN 101463688 A 20090624; CN 101463688 B 20140903; ES 2428155 T3 20131106; RU 2008150554 A 20100627; RU 2486326 C2 20130627

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