

Title (en)

Opening and closing mechanism for a vehicle door

Title (de)

Mechanismus zum Öffnen und Schliessen einer Kraftfahrzeugtür

Title (fr)

Mécanisme d'ouverture/fermeture de portière de véhicule automobile

Publication

EP 1586726 B1 20060906 (FR)

Application

EP 05007233 A 20050402

Priority

FR 0403869 A 20040414

Abstract (en)

[origin: EP1586726A1] The mechanism has a pivoting locking unit (5) mounted at the level of an activating arm (30). The unit pivots between a locking position and an unlocking position of a handle (2), where the unit engages and disengages with a base (2), respectively. A helical spring (6) maintains the locking unit in the locking position. A knob (44) controls pivoting of the locking unit towards its unlocking position.

IPC 8 full level

E05B 65/20 (2006.01); **E05B 65/12** (2006.01); **E05B 13/00** (2006.01)

CPC (source: EP)

E05B 77/02 (2013.01); **E05B 85/16** (2013.01); **E05B 13/002** (2013.01)

Cited by

EP1950366A3; FR2914678A1; FR2948402A1; FR2908441A1; ITTO20100249A1; US7520543B2; US7527307B2; FR2960898A1; US10113331B2; CN102472059A; ITMI20100723A1; FR3044697A1; US2021156180A1; US2014015263A1; US9394729B2; US2014015262A1; US9404292B2; EP2072717A1; US7600795B2; US9016735B2; WO2011134874A1; WO2009037187A1; WO2006112916A1

Designated contracting state (EPC)

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EP 1586726 A1 20051019; **EP 1586726 B1 20060906**; AT E338868 T1 20060915; DE 602005000109 D1 20061019; DE 602005000109 T2 20070412; FR 2869059 A1 20051021; FR 2869059 B1 20060630

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