

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 1586727 B1 20060906 (FR)**

Application

**EP 05007234 A 20050402**

Priority

FR 0403870 A 20040414

Abstract (en)

[origin: EP1586727A1] The mechanism has a pivoting locking unit (4) mounted on a base (3). The unit pivots between a locking position and an unlocking position of a handle (2), where the unit engages and disengages with an activating arm (16) or a transmission assembly (6), respectively. A helical spring (5) maintains the locking unit in the locking position. A knob (12) 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)

Cited by

US9567777B1; US2021032914A1; US2015123410A1; US9617759B2; DE202011051817U1; DE202011051818U1; WO2013072012A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1586727 A1 20051019**; **EP 1586727 B1 20060906**; AT E338869 T1 20060915; DE 602005000110 D1 20061019; DE 602005000110 T2 20070315; FR 2869060 A1 20051021; FR 2869060 B1 20060630

DOCDB simple family (application)

**EP 05007234 A 20050402**; AT 05007234 T 20050402; DE 602005000110 T 20050402; FR 0403870 A 20040414