

Title (en)

Door locking device

Title (de)

Kraftfahrzeugtürverschluss

Title (fr)

Dispositif de verrouillage pour véhicule automobile

Publication

**EP 1498561 B1 20100811 (DE)**

Application

**EP 04015055 A 20040626**

Priority

DE 10332446 A 20030717

Abstract (en)

[origin: EP1498561A2] An electric motor (3) drives a worm gear (4) and gear wheel (5) to rotate the gears (6,7,8,9) and cam (10) to normally release the door lock when the internal gear (9) is held (13) to rotate. In emergency operation the internal gear is freed and the spring clutch (11) releases the lock.

IPC 8 full level

**E05B 65/12** (2006.01); **E05B 47/00** (2006.01); **E05B 65/36** (2006.01); **E05B 77/54** (2014.01); **F16H 3/44** (2006.01); **E05B 53/00** (2006.01)

CPC (source: EP)

**E05B 81/14** (2013.01); **E05B 47/0012** (2013.01); **E05B 53/008** (2013.01); **E05B 2047/0022** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/003** (2013.01); **E05B 2047/0031** (2013.01)

Cited by

DE102014119382A1; DE102014223718A1; CN110029879A

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 1498561 A2 20050119**; **EP 1498561 A3 20071205**; **EP 1498561 B1 20100811**; DE 10332446 A1 20050210; DE 502004011502 D1 20100923

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