

Title (en)

Actuator with an electro motor for motor vehicle locks

Title (de)

Elektromotorischer Stellantrieb für ein Kraftfahrzeugschloss

Title (fr)

Actionneur à moteur électrique pour des serrures de véhicule automobile

Publication

EP 1061212 B1 20031217 (DE)

Application

EP 00112115 A 20000606

Priority

DE 19927842 A 19990618

Abstract (en)

[origin: EP1061212A2] The electric motor setting drive has an electric motor (1) coupled to a driven setting element (4) for operation of a switch element (5) for switching the lock mechanism between its different locking states. The setting element is associated with a movable blocking element (10) cooperating with a blocking stop (11) of a force transfer element (9) provided by the setting element, for blocking the movement of the setting element and disconnection of the setting motor, with release of the blocking element upon motor disconnection.

IPC 1-7

E05B 65/12; **E05B 47/00**

IPC 8 full level

E05B 47/00 (2006.01); **E05B 65/12** (2006.01); **E05B 81/24** (2014.01); **E05B 81/34** (2014.01); **E05B 77/24** (2014.01); **E05B 81/06** (2014.01); **E05B 81/62** (2014.01)

CPC (source: EP)

E05B 81/25 (2013.01); **E05B 81/34** (2013.01); **E05B 77/24** (2013.01); **E05B 81/06** (2013.01); **E05B 81/62** (2013.01)

Cited by

US7384080B2; WO2006003356A1; WO2023104237A1; US7261333B2; US8622443B2; US8646817B2; WO2004018808A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1061212 A2 20001220; **EP 1061212 A3 20011010**; **EP 1061212 B1 20031217**; DE 19927842 A1 20010104; DE 50004765 D1 20040129; ES 2212941 T3 20040816

DOCDB simple family (application)

EP 00112115 A 20000606; DE 19927842 A 19990618; DE 50004765 T 20000606; ES 00112115 T 20000606