

Title (en)

Control device for the functioning conditions of motor vehicle door locks

Title (de)

Steuervorrichtung für die Funktionszustände eines Verschlusses von Kraftfahrzeugen

Title (fr)

Dispositif de commande pour les états de fonctionnement d'une serrure de véhicules à moteur

Publication

**EP 0806533 A3 19990929 (DE)**

Application

**EP 97104457 A 19970315**

Priority

DE 19619128 A 19960511

Abstract (en)

[origin: EP0806533A2] The control device has an electric drive motor (6) for operation of a setting element (3), which is adjusted to alter the function condition of the door lock and cooperates with a pair of levers or cams for the internal or external door handle. The setting element is driven in a uniform circular or linear movement with a number of alternate positions corresponding to the function conditions of the door lock, in which the movement of the levers or cams is permitted or blocked. The drive motor may be provided by a reversible DC motor controlled via supplied data telegrams, coupled to the setting element via a spindle drive.

IPC 1-7

**E05B 65/20**

IPC 8 full level

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**E05B 77/48** (2014.01); **E05B 81/06** (2014.01)

CPC (source: EP US)

**E05B 77/26** (2013.01 - EP US); **E05B 77/28** (2013.01 - EP US); **E05B 77/48** (2013.01 - EP US); **E05B 81/06** (2013.01 - EP US);  
**Y10T 70/65** (2015.04 - EP US)

Citation (search report)

- [AD] DE 4343340 A1 19940721 - KIEKERT GMBH CO KG [DE]
- [AD] US 4338552 A 19820706 - PILZ KARL-HEINZ, et al
- [AD] DE 4211982 A1 19931014 - BOSCH GMBH ROBERT [DE]
- [X] US 5240296 A 19930831 - KOBAYASHI FUMIO [JP]
- [A] DE 3941086 A1 19910620 - DAIMLER BENZ AG [DE]
- [A] DE 4226304 A1 19940217 - KIEKERT GMBH CO KG [DE]
- [A] DE 4412028 A1 19951012 - CHEN TSE HSING [TW]
- [A] DE 19500509 C1 19960222 - BOCKLENBERG & MOTTE BOMORO [DE]
- [A] DE 4439479 A1 19960509 - BOCKLENBERG & MOTTE BOMORO [DE]
- [A] DE 4430432 A1 19960307 - TEVES GMBH ALFRED [DE]
- [A] DE 4223341 C1 19931104 - KIEKERT GMBH CO KG [DE]
- [X] DE 19523818 A1 19960104 - MITSUI MINING & SMELTING CO [JP]
- [A] DE 19503484 C1 19960208 - KOSTAL LEOPOLD GMBH & CO KG [DE]
- [A] WO 9524534 A1 19950914 - ROCKWELL BODY & CHASSIS SYST [GB], et al
- [X] DE 3902873 A1 19900215 - KIEKERT GMBH CO KG [DE], et al

Cited by

US6474706B1; WO9931341A1

Designated contracting state (EPC)

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**EP 0806533 A2 19971112; EP 0806533 A3 19990929; EP 0806533 B1 20021030;** DE 19619128 A1 19971113; DE 59708598 D1 20021205;  
ES 2183997 T3 20030401; JP H1054167 A 19980224; US 5874815 A 19990223

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