

Title (en)

Electrical control device for a swivelling lever free maintained at two points of its course and lock with this device.

Title (de)

Elektrische Steuervorrichtung für einen schwenkbaren, an zwei Endpunkten seiner Bewegung frei gehaltenen Hebel und Schloss mit dieser Vorrichtung.

Title (fr)

Dispositif de commande électrique d'un levier pivotant maintenu libre aux deux extrémités de sa course et serrure comportant ce dispositif.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0433103A2] The invention relates to a device for controlling a pivoting lever (42) which remains free in each of its two positions; this device comprises a fixed guide (15) having a first cam profile (21), a slide (22) having a second cam profile (38) and a support bearing (39), a screw (10) capable of being driven in both directions of rotation by an electric motor (7), a nut (11) comprising, on the one hand, a driver (12) which cooperates with the first and second cam profiles (21 and 38) and, on the other hand, two teeth (13, 14). The bearing of the driver (12) on one or other of the cam profile slopes (21, 38) causes a pivoting of the nut (11) about its axis through an angle which ensures the release of the lever from the teeth of the nut. The slide (22) cooperates with a micro-contact inserted in the electrical power supply circuit of the motor. The pivoting lever (42) controls the locking or unlocking of a motor vehicle door lock. The invention also relates to a motor vehicle door lock comprising this device.
<IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

US5453671A; US5441317A; US5983739A; FR2705115A1; FR2840943A1; US6386600B1; US7192066B2; WO9936650A1; WO9303245A1

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