

Title (en)

Vehicle door lock control with electric motor.

Title (de)

Stellelement für Kraftfahrzeugschlösser mit Elektromotor.

Title (fr)

Commande pour serrure de porte de véhicule automobile, avec moteur électrique.

Publication

EP 0480134 B1 19950104 (DE)

Application

EP 91111729 A 19910715

Priority

DE 4032282 A 19901011

Abstract (en)

[origin: EP0480134A2] A vehicle door lock control is proposed, in which a plunger (1) is arranged transversely displaceable by means of an electric motor (35), spindle mechanism (36) and sliding nut (24), and in which a coupling is provided between plunger (1) and sliding nut (24). A locking device is also provided. The plunger (1) is carried by a sliding nut (24) via a carrier (16), which in the limit positions is transversely displaceable to the sliding direction and sags slightly so that the forces required for disengagement are only slightly greater than those which are required for displacement of the plunger (1). If the sliding nut (24) is run beyond the "locked" position, it carries a lever (13) against a return spring (40), by means of which lever a locking pawl (12) is made to engage in recesses (10) of the plunger (1), by means of which the plunger (1) is held in the "locked" position. <IMAGE>

IPC 1-7

E05B 47/00; **E05B 65/36**

IPC 8 full level

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