Title (en)

A MOTOR UNIT FOR PLACEMENT IN A LOCK ARRANGEMENT

Title (de)

MOTOREINHEIT ZUR ANORDNUNG IN EINER VERRIEGELUNGSANORDNUNG

Title (fr)

BLOC MOTEUR DESTINE A ETRE PLACE DANS UN SYSTEME DE VERROUILLAGE

Publication

EP 1436477 B1 20080319 (EN)

Application

EP 02778149 A 20021015

Priority
- SE 0201873 W 20021015
- SE 0103443 A 20011016

Abstract (en)

[origin: WO03033845A1] A motor unit intended to be mounted in a lock arrangement includes: an electric motor (52), a printed circuit board (53) which includes an electronic circuit arrangement (54) for controlling the motor, a sensor (57) mounted on the circuit board and connected electrically to the electronic circuit arrangement, and a mechanical follower coupling (55, 56). These components are housed in a housing (51), which constitutes a separate unit that can be mounted in a lock housing. The sensor and/or the mechanical coupling have at least two alternative placements to this end. The sensor is preferably mounted on a part (53a) of the circuit board that can be removed from the remainder of the circuit board. The arrangement of a separate motor unit enables the lock arrangement to be modularised, whereby a smaller number of parts need be stored and/or a greater variation of lock arrangements can be provided than was earlier possible. Greater electrical and mechanical reliability is also achieved.

IPC 8 full level

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CPC (source: EP)

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