

Title (en)

Motor drive for electric switching devices, in particular power circuit-breakers.

Title (de)

Motorantrieb für elektrische Schaltgeräte, insbesondere Leistungsschalter.

Title (fr)

Entraînement motorisé pour appareils de commutation électriques, notamment disjoncteurs.

Publication

EP 0506066 B1 19950524 (DE)

Application

EP 92105279 A 19920327

Priority

DE 4110043 A 19910327

Abstract (en)

[origin: EP0506066A1] In a motor drive (1) of this kind, the function cycles required for the switching-on movement and for the switching-off movement can be precisely matched to the associated requirements, and can also be controlled and monitored satisfactorily by the requisite control devices in a precisely monitored series with mutual blocking of the individual function steps, particularly also in respect of the required safety measures. Therefore, for switching the power circuit breaker on and off, in each case separate linkage arrangements, which are prestressed by an associated spring force accumulator (9, 10), a switching-on linkage (11) and a switching-off linkage (12) are provided which are prestressed together after each switching off process for subsequent switching-on and switching-off of the toggle lever (3) of the power circuit breaker, and, in the switching intervals, are held, by means of latches (14, 15) to be actuated separately in each case for each linkage arrangement, in stand-by position for subsequent switching-on or switching-off. <IMAGE>

IPC 1-7

H01H 71/70

IPC 8 full level

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CPC (source: EP)

H01H 71/70 (2013.01); **H01H 2071/665** (2013.01)

Cited by

FR2838557A1; DE19744457C1; EP2620970A1; US6204741B1; WO02061784A1; WO9919891A1

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