

Title (en)

Power drive for electrical switches with a manual operating handle

Title (de)

Kraftantrieb für elektrische Schaltgeräte mit einem Betätigungshandgriff

Title (fr)

Actionneur à moteur pour un appareil de commutation avec un levier de commande manuelle

Publication

EP 0549084 B1 19960417 (DE)

Application

EP 92250339 A 19921113

Priority

DE 4142854 A 19911220

Abstract (en)

[origin: EP0549084A2] A power drive for electrical switching apparatuses (1) having an operating handle (5) has a motor-transmission unit (25) with a crank arm (41) and a crank pin (42) which drives the operating handle (5) of the switching apparatus (1) by means of a carriage (27). That part of a link opening (43') in the carriage (27) to which the switching-off movement is assigned is constructed in an expanded manner with respect to the crank pin (42). Furthermore, an operating surface (50) is arranged on the carriage (27) in such a manner that the crank arm (41) interacts with the operating surface (50) during switching off. In this way, increased power is transmitted to the carriage (27). The power drive described is suitable especially for operating those switching apparatuses (1) which have an increased power requirement for resetting (RESET) their latching mechanism after automatic tripping. <IMAGE>

IPC 1-7

H01H 71/70; **H01H 3/42**

IPC 8 full level

H01H 3/42 (2006.01); **H01H 71/70** (2006.01)

CPC (source: EP)

H01H 3/42 (2013.01); **H01H 71/70** (2013.01); **H01H 2071/665** (2013.01)

Cited by

EP0872867A3

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0549084 A2 19930630; **EP 0549084 A3 19931027**; **EP 0549084 B1 19960417**; DE 4142854 A1 19930624; DE 59206045 D1 19960523

DOCDB simple family (application)

EP 92250339 A 19921113; DE 4142854 A 19911220; DE 59206045 T 19921113