

Title (en)
POWER DRIVE FOR ELECTRICAL SWITCHES WITH A MANUAL OPERATING HANDLE

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EP 0549084 A3 19931027 (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>

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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)

Citation (search report)
• [AD] EP 0038285 A1 19811021 - SIEMENS AG [DE]
• [A] EP 0038286 A1 19811021 - SIEMENS AG [DE]
• [A] US 4085622 A 19780425 - GRYCTKO CARL E, et al

Cited by
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Designated contracting state (EPC)
DE FR IT

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

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