

Title (en)

Operating mechanism for a multiple fault-current protective switch with a rotary crossbar.

Title (de)

Betätigungsmechanismus für einen mehrpoligen Fehlerstromschutzschalter mit drehbarer Schaltwelle.

Title (fr)

Mécanisme de commande d'un interrupteur différentiel multipolaire à barreau rotatif de commutation.

Publication

EP 0377385 B1 19950111 (FR)

Application

EP 89420472 A 19891129

Priority

FR 8816593 A 19881214

Abstract (en)

[origin: EP0377385A1] A differential interruptor (10) comprises a switch bar (32) arranged as a contact-holder rotary shaft (30, 26), a transformer-adder associated with a release relay (54) with automatic reset, and an operating mechanism (34) with handle (64) and lock (88). The end (74) of the link-rod (70) situated opposite the axle of articulation (72) of the toggle engages upon the establishment of the mechanical link with a first support stop (76) for the catch lever (78) and a second support stop for the switch bar (32). The relay (54) transmits the release command to the lock (88) via a release lever (98) associated with an intermediate mechanical amplifier. This results in a three-stage mechanism for multiplying down the forces between the relay (54) and the bar (32), this enabling the energy of release to be reduced. <IMAGE>

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IPC 8 full level

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