

Title (en)

Protective switching device with operating mechanism.

Title (de)

Schutzschaltgerät mit Betätigungsmechanismus.

Title (fr)

Appareil interrupteur de protection à mécanisme de commande.

Publication

EP 0628981 A1 19941214 (FR)

Application

EP 94401192 A 19940530

Priority

FR 9306968 A 19930607

Abstract (en)

The present invention relates to a protective switching device provided with power poles, the movable contacts of which are carried by a contact holder (5), with a magnetically and/or thermally triggered protective assembly (8) capable of detecting overvoltages or overcurrents on each pole current path and with a control mechanism (9) capable of being operated by a manual control button (12), this mechanism comprising a magnetic lever (15) with a permanent magnet interacting, on the one hand, with a magnetisable blade (17) for operating the contacts and, on the other hand, a magnetisable triggering blade (16) the movement of which is controlled by the protective assembly (8), characterised in that the mechanism includes means for controlling, in manual control, either the direct opening of the power contacts of a circuit breaker or the like, or, after turning the manual control knob (12), the opening of an ancillary contact (251, 252) making it possible to switch off the current in the coil of the electromagnet for control of a circuit breaker/contact or the like. <IMAGE>

IPC 1-7

H01H 73/00; **H01H 71/56**

IPC 8 full level

H01H 71/56 (2006.01); **H01H 89/08** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP US)

H01H 71/56 (2013.01 - EP US); **H01H 89/08** (2013.01 - EP US); **H01H 36/008** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE IT SE

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EP 0628981 A1 19941214; FR 2706220 A1 19941216; FR 2706220 B1 19950721; US 5502426 A 19960326

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