

Title (en)
FAULT-CURRENT PROTECTIVE SWITCH COUPLED TO A CIRCUIT BREAKER

Publication
EP 0014871 B1 19810902 (DE)

Application
EP 80100500 A 19800201

Priority
DE 2904211 A 19790205

Abstract (en)
[origin: EP0014871A1] 1. Fault current protection relay with a tripping mechanism which is coupled to a line protection switch, acts by means of a transmission member on the interlock of the line protection switch and switches this off on a fault current occurring, wherein the tripping mechanism displays two interlocking points (1, 2) standing under spring bias and responding one after the other in the case of tripping, characterized thereby, that a switch lever (6) retained by the second interlocking point (2) stands under the force influence of two springs (opening spring 9, restoring spring 10) operating in the same direction and one spring (restoring spring 10) thereof, when the switch lever (6) is unlocked, additionally brings about the entrainment of a pawl lever (3), which belongs to the first interlocking point (1) and in its turn is actuatable within a free travel against the pivotal direction predetermined by the spring (restoring spring 10) by a tripping relay (arrow 21), which is acted on by the pawl lever (3) by reason of the oppositely directed pivotal movement initiated by the spring (restoring spring 10) after the unlocking of the tripping mechanism.

IPC 1-7
H01H 83/20

IPC 8 full level
H01H 83/20 (2006.01)

CPC (source: EP)
H01H 83/20 (2013.01); **H01H 2083/205** (2013.01)

Cited by
EP0271669A3; CZ300886B6

Designated contracting state (EPC)
AT CH FR IT

DOCDB simple family (publication)
EP 0014871 A1 19800903; **EP 0014871 B1 19810902**; AT E191 T1 19810915; DE 2904211 A1 19800828; DE 2904211 C2 19850103; ES 488278 A1 19800801

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