

Title (en)
Operating device for circuit breakers

Title (de)
Betätigungsvorrichtung für Leistungsschaltgeräte

Title (fr)
Dispositif de commande pour disjoncteurs

Publication
EP 0820084 B1 20040407 (DE)

Application
EP 97111918 A 19970714

Priority
DE 19628885 A 19960718

Abstract (en)
[origin: EP0820084A2] The apparatus has a switch rod (3) to be driven by an actuator (21,22). This has an actuator shaft (31) and a switch pad (32) in operative connection with and rotatably mounted on the shaft (31). The switch also has a support lever, a knee lever which acts on movable contacts and a rod holder (33) to hold the switch rod (3) in a lower housing part (4) of the circuit breaker housing (1). In the 'on' position, the support lever is supported against a click rocker. On manually switching off or on faulty release, the switch rod (3) is broken down by a thermal or electromagnetic trigger (5) by disconnecting the rocker from the support lever. A housing upper part (61,62) is connected to the lower part (4) and covers at least the switch rod (3). A first actuator (21) is to be placed in front of the upper part (61,62) and is to be brought into operative connection with the actuator shaft (31). This actuator is formed as a rotary knob. A second actuator (22) formed as a push button is mounted in the housing upper part (62) and is brought into operative connection with the switch pad (32). The first actuator (21) and the second actuator (22) can be used selectively.

IPC 1-7
H01H 71/56; **H01H 71/58**

IPC 8 full level
H01H 11/00 (2006.01); **H01H 71/56** (2006.01); **H01H 3/32** (2006.01); **H01H 71/58** (2006.01); **H01H 73/30** (2006.01)

CPC (source: EP)
H01H 11/0018 (2013.01); **H01H 71/56** (2013.01); **H01H 71/58** (2013.01)

Cited by
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EP 0820084 A2 19980121; **EP 0820084 A3 19990310**; **EP 0820084 B1 20040407**; AT E264005 T1 20040415; CZ 230997 A3 19980916; CZ 290173 B6 20020612; DE 19628885 A1 19980122; DE 59711488 D1 20040513; HU 222459 B1 20030728; HU 9701202 D0 19970828; HU P9701202 A2 19980428; HU P9701202 A3 20001030

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