

Title (en)
PROTECTIVE SWITCH FOR A MOTOR

Publication
EP 0184026 B1 19910522 (DE)

Application
EP 85114301 A 19851109

Priority
CH 579684 A 19841206

Abstract (en)
[origin: US4686599A] The motor protection switch comprises a movable contact piece being manually movable by way of an actuator, which includes actuator buttons. The contact piece can be brought in and out of contact with a resting contact piece. The motor protection switch can also be released by overload current or short circuit current. A retracting or pullback mechanism with two settings settable from outside are provided for the actuator. In the first setting the pullback mechanism will hold the actuator in a trip position between the "on" and the "off" position after overload tripping or short circuit tripping has occurred. In the second setting the pullback mechanism will allow direct movement of the actuator from said "on" position into said "off" position after overload tripping or short circuit tripping has occurred. The simplest embodiment of the pullback mechanism includes a pullback spring acting on a rocking beam mounted between the actuating buttons, the housing side end of which spring is mounted on a slide having two settings. The two settings of the pullback mechanism allow to activate or to deactivate the trip position of the motor protection switch.

IPC 1-7
H01H 71/04; **H01H 71/50**

IPC 8 full level
H01H 71/10 (2006.01); **H01H 71/04** (2006.01); **H01H 71/50** (2006.01); **H01H 73/00** (2006.01); **H01H 73/12** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)
H01H 71/04 (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US)

Cited by
FR2659791A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0184026 A2 19860611; **EP 0184026 A3 19890308**; **EP 0184026 B1 19910522**; AT E63790 T1 19910615; CH 666139 A5 19880630; DE 3582920 D1 19910627; JP H0795421 B2 19951011; JP S61138425 A 19860625; US 4686599 A 19870811

DOCDB simple family (application)
EP 85114301 A 19851109; AT 85114301 T 19851109; CH 579684 A 19841206; DE 3582920 T 19851109; JP 27489885 A 19851205; US 79993485 A 19851120