

Title (en)
PROTECTION SWITCH

Publication
EP 0144799 B1 19870513 (DE)

Application
EP 84113549 A 19841109

Priority
DE 3342469 A 19831124

Abstract (en)
[origin: EP0144799A2] 1. Automatic cut-out having an electromagnetic breaker (43) with a magnetic armature (44), a thermal breaker (41), a fixed and a movable contact piece (64, 28), a switch latch which can be released by the thermal and magnetic breaker (41, 43) and which has a latching point formed by a release lever (38) and a pawl lever (35) rotatably mounted fixed in place and having a slot (34) for guiding a shackle (33), the magnet armature exerting an opening action directly on the movable contact piece and the switch latch opening the movable contact piece permanently, with a switch handle (22) projecting from the front wall of the housing intended for the manual actuation of the switch latch, and with an intermediate lever (31) which is articulated at its one end on the contact lever (16) and at its other end on one leg of the shackle (33) and which engages into the slot (34) with this leg, the other leg of the shackle (33) being articulated on the switch handle (22), characterized in that the intermediate lever (31), the pawl lever (35) and the slot (34) are guided so as to extend approximately parallel to the front wall (10A) and parallel to the side walls of the housing (10), and in that the release lever (38) is mounted, together with the switch handle (22), on an axle (21) fixed in place.

IPC 1-7
H01H 71/52

IPC 8 full level
H01H 71/52 (2006.01); **H01H 73/48** (2006.01); **H01H 73/50** (2006.01)

CPC (source: EP)
H01H 71/52 (2013.01)

Cited by
EP1995754A1; DE3733595A1; CN111710570A; EP0352679A3; EP0621619A1; US5499007A; DE102004055564A1; EP0880159A3; DE4406670A1; AU682429B2; DE4406670C3; DE102008006863A1; US7839241B2; US7579933B2; DE102004055564B4

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