

Title (en)
AUXILIARY SWITCH

Title (de)
ZUSATZSCHALTER

Title (fr)
COMMUTATEUR AUXILIAIRE

Publication
EP 0815576 B1 19980930 (DE)

Application
EP 96903830 A 19960313

Priority
• AT 9600046 W 19960313
• AT 45895 A 19950315

Abstract (en)
[origin: WO9628836A1] Proposed is an auxiliary switch for fitting to protective circuit breakers, the switch having two moving electric contacts (35, 36) each of which works in conjunction with two fixed electric contacts (31, 32, 33, 34). The moving contacts (35, 36) are actuated by a signal lever (5) and a contact lever (4), an actuator knob (3) being connected to the contact lever (4), an actuator knob (3) being connected to the contact lever (4) via an elbow lever (7, 11). The actuator knob (3) can be connected to that of the circuit breaker. A catch holder (6), which can be connected to the switch mechanism of the circuit breaker, acts to trigger the signal lever (5) and/or the contact lever (4). One arm of the elbow lever (7, 11) is formed by a catch (7) which engages with the catch holder (6) when the switch is "on". A locking device (8), which is designed to prevent the signal lever (5) from moving when the switch is triggered by the actuator knob (3) [the signal lever (5) has a click-in projection (50) with which a matching click-in projection (51) on the locking device (8) engages], is mounted (49) on the housing (1) and moved by the elbow lever (7, 11) out of the position in which it prevents the signal lever (5) from being released when the switch is triggered by the circuit breaker via the catch holder (6). The locking device (8) has a control lever (62) working in conjunction with a control device (eccentric shaft) (10) which is mounted in the housing (1, 2) and which fixes the locking device (8) in a position in which it cannot engage with the signal lever (5).

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H01H 71/46

IPC 8 full level
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CPC (source: EP)
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Cited by
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WO 9628836 A1 19960919; AT 402582 B 19970625; AT A45895 A 19961015; AT E171811 T1 19981015; AU 4779196 A 19961002; AU 697688 B2 19981015; DE 59600632 D1 19981105; DK 0815576 T3 19990208; EP 0815576 A1 19980107; EP 0815576 B1 19980930; ES 2123340 T3 19990101

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