

Title (en)
ELECTRIC CIRCUIT ACTUATING MECHANISM

Title (de)
BETÄTIGUNGS MECHANISMUS FÜR ELEKTRISCHE SCHALTUNG

Title (fr)
MECANISME D'ACTIONNEMENT DE CIRCUIT ELECTRIQUE

Publication
EP 0938735 B1 20030528 (EN)

Application
EP 97948247 A 19971112

Priority
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• US 74737296 A 19961112
• US 90756097 A 19970808

Abstract (en)
[origin: WO9821732A1] A mechanism (10) for actuating an electric circuit is disclosed including a cover (124) having a front wall including a broad surface and movably mounted by pins (126) extending through apertures (108) formed in a mount (90, 90') of a housing (12, 12'), with the cover (124) being biased by springs (130) located on the pins (126). Tongues (136) of the cover (124) engage the legs (118) of first and second actuating arms (112, 114) to pivot the arms (112, 114) to pivot an actuation lever (100). The lever (100) includes an actuation finger (104) which pushes against the toggle (38) of a switch (36) to de-energize the circuit. Thus, when any point of the cover (124) is pushed towards the mount (90, 90'), the switch (36) is moved to de-energize the circuit. A switch lever (70) is pivotably mounted to the housing (12, 12') and is pivoted by a slideable actuator (42) to move the switch (36) to energize the electric circuit. The components of mechanism (10) can be easily assembled by snapping or sliding into place and by sandwiching together by a minimum number of fasteners.

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H01H 3/02; H01H 13/68

IPC 8 full level
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