

Title (en)
Improvements in electrical switches.

Title (de)
Elektrische Schalter.

Title (fr)
Interrupteurs électriques.

Publication
EP 0165731 A2 19851227 (EN)

Application
EP 85303808 A 19850530

Priority
GB 8413912 A 19840531

Abstract (en)
An electrical switch for protecting equipment from overheating has a bimetallic element (16) which breaks electrical contact at a threshold temperature and a resetting member (40) which restores it when depressed manually. A bistable, over-centre contact member (24) is arranged such that initial movement of the resetting member moves the contact member over-centre, but also displaces the contact member, leaving the electrical contacts disengaged. Electrical contact is only restored on release of the resetting member. In this way the risks of manual tampering with the switch are reduced.

IPC 1-7
H01H 37/70; **H01H 37/54**

IPC 8 full level
H01H 13/36 (2006.01); **H01H 37/54** (2006.01); **H01H 37/60** (2006.01)

CPC (source: EP)
H01H 13/36 (2013.01); **H01H 37/5409** (2013.01); **H01H 37/60** (2013.01); **H01H 2037/705** (2013.01)

Cited by
FR2675965A1; US5274525A; GB2347271A; GB2347271B; EP0656610A1; FR2713372A1; US5659454A; CN109119272A; WO9220085A1

Designated contracting state (EPC)
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