

Title (en)

Automatic switches, in particular differential switches and circuit breakers.

Title (de)

Automatische Schalter, insbesondere Differential- und Schutzschaltern.

Title (fr)

Perfectionnement aux interrupteurs à coupure automatique, notamment aux interrupteurs différentiels et disjoncteurs.

Publication

**EP 0325501 B1 19940720 (FR)**

Application

**EP 89400059 A 19890110**

Priority

FR 8800596 A 19880120

Abstract (en)

[origin: EP0325501A1] Electrical apparatus with automatic cutoff, in particular a differential switch, circuit-breaker or differential circuit-breaker, of the type comprising, between a rotary operating member (31) and a rocking contact-holder (34), a lock mechanism with toggle and ratchet (50) consisting of a connecting-rod (42) articulated on the operating member (31), of a link-rod (44) articulated to the other end of the connecting-rod (42) and to the contact-holder (34), and of a release lever (47) articulated about a fixed axis and provided with a longitudinal slot in which the fulcrum pin (45) between connecting-rod and link-rod can slide, the ratchet being ratcheted on the release lever. The ratchet (50) comprises at least two distinct zones, such as fingers (53, 54, 56) actuated by respective release means. <IMAGE>

IPC 1-7

**H01H 71/50**; **H01H 83/22**

IPC 8 full level

**H01H 71/50** (2006.01); **H01H 83/22** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)

**H01H 71/505** (2013.01); **H01H 83/226** (2013.01); **H01H 71/1072** (2013.01)

Cited by

CN103700547A; AU759790B2; CN108597965A; CN107808805A; EP0506503A1; FR2674679A1; EP2743947A1; FR2999793A1; US6472625B1; US9734960B2; WO2015043632A1; WO9962090A1

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