

Title (en)

Operating device for circuit breakers

Title (de)

Betätigungsvorrichtung für elektrische Schalter

Title (fr)

Dispositif d'actionnement pour interrupteurs électriques

Publication

EP 0668600 B1 19980128 (EN)

Application

EP 95102239 A 19950218

Priority

SE 9400580 A 19940221

Abstract (en)

[origin: EP0668600A1] The invention relates to an operating device intended for high-voltage circuit breakers and comprising an operating shaft (11) which influences an operating lever (13) connected to the movable contact (15) of the circuit breaker. The operating device comprises a closing spring (16) and an opening spring (28). After each completed closing operation, a motor tensions the closing spring (16) again, and the closing spring tensions the opening spring (28) upon closing of the circuit breaker. The closing spring is kept tensioned by a closing latch. The breaker contact (15) is kept closed and the opening spring (28) is kept tensioned by a tripping latch (27). The operating lever (13) is provided with a spring-loaded catch flap (40) which cooperates with the fixedly mounted tripping latch (27). The catch flap has the shape of a substantially rectangular plate, one edge portion of which is designed to serve as a rotary shaft and is rotatably fixed to a bearing seat formed in the operating lever (13).
<IMAGE>

IPC 1-7

H01H 3/30

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP)

H01H 3/3031 (2013.01)

Cited by

CN108140498A; US10777369B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0668600 A1 19950823; EP 0668600 B1 19980128; DE 69501504 D1 19980305; DE 69501504 T2 19980910; SE 505582 C2 19970915; SE 9400580 D0 19940221; SE 9400580 L 19950822

DOCDB simple family (application)

EP 95102239 A 19950218; DE 69501504 T 19950218; SE 9400580 A 19940221