

Title (en)

Switch mechanism for an electrical switchgear particularly for a circuit breaker

Title (de)

Schaltwerk, für ein elektrisches Schaltgerät, insbesondere für einen Leitungsschutzschalter

Title (fr)

Mécanisme de commutation pour appareillage électrique de commutation, en particulier pour un disjoncteur

Publication

EP 1069583 A3 20030312 (DE)

Application

EP 00113129 A 20000629

Priority

DE 19933110 A 19990715

Abstract (en)

[origin: EP1069583A2] A switch toggle (12) switches on a moving contact piece (22) with a switch latch. During the switch-on movement a dead spot in the switch latch is passed over for switch-off. A first latching position holds the switch latch on and is opened by a thermal tripping device. A release element (38) built as a slide connects to the switch toggle unlocking a second latching position, so that the moving contact piece can quickly move into a switched-on position.

IPC 1-7

H01H 71/52

IPC 8 full level

H01H 71/52 (2006.01)

CPC (source: EP)

H01H 71/52 (2013.01); **H01H 2300/048** (2013.01)

Citation (search report)

- [A] FR 2628261 A1 19890908 - LEGRAND SA [FR]
- [A] EP 0897186 A2 19990217 - SIEMENS AG [DE]
- [A] EP 0338930 A1 19891025 - HAGER ELECTRO [FR]
- [A] WO 9417545 A1 19940804 - FELTEN & GUILLEAUME AG OESTER [AT]

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CN109243882A; CN113963966A; DE10337661A1; WO2022017075A1

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