

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]

Cited by

CN109243882A; CN113963966A; DE10337661A1; WO2022017075A1

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