

Title (en)  
Circuit breaker with a latching mechanism

Title (de)  
Leistungsschalter mit einem Schaltschloss

Title (fr)  
Disjoncteur avec serrure de verrouillage

Publication  
**EP 2634788 B1 20170222 (DE)**

Application  
**EP 12193194 A 20121119**

Priority  
DE 102012203295 A 20120302

Abstract (en)  
[origin: EP2634788A1] The circuit breaker has a latch (1) including a switching mechanism (2) for opening and closing a switching contact. An unlatching mechanism (3) changes a tensioning element from a tensioned state to a largely untensioned state based on a tripping signal to open the switching contact. The tensioning element is linked to a tensioning lever (5) including a locating surface on which a locking pawl (8) of the unlatching mechanism bears in the tensioned state of the tensioning element. The locating surface is curved in a direction of the locking pawl and movably arranged relative to the lever.

IPC 8 full level  
**H01H 71/50** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP US)  
**H01H 3/3031** (2013.01 - US); **H01H 71/505** (2013.01 - EP US); **H01H 71/525** (2013.01 - EP US); **H01H 2071/506** (2013.01 - EP US)

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**EP 12193194 A 20121119**; CN 201310065245 A 20130301; DE 102012203295 A 20120302; US 201313748884 A 20130124