

Title (en)

Electrical high voltage circuit breaker and method for opening same

Title (de)

Elektrischer Hochspannungs-Lasttrenner und Verfahren zum Öffnen desselben

Title (fr)

Séparateur de charge haute tension électrique et procédé d'ouverture de celui-ci

Publication

EP 2728602 B1 20150121 (DE)

Application

EP 12191295 A 20121105

Priority

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Abstract (en)

[origin: EP2728602A1] The breaker (1) has a drive system (30) that is adapted to move a movable contact element (22) along a separator axis (8) relative to a stationary contact element (90). A retaining unit (71) is provided on a counter-holding mechanism (41), to hold a third arc contact (40) on a second arc contact (60). A return system (80) is biased with a biasing force, such that the biasing force is greater than holding force. The third contact is reset in an opening direction (7), such that a stationary contact group (55) is electrically isolated from a movable contact group (66). Independent claims are included for the following: (1) a method for opening of an electrical high voltage circuit breaker; and (2) an isolator module for a gas-insulated switchgear.

IPC 8 full level

H01H 33/12 (2006.01); **H01H 31/32** (2006.01)

CPC (source: EP)

H01H 33/122 (2013.01); **H01H 31/32** (2013.01)

Cited by

RU202543U1; CN112701006A; RU178666U1; CN109643619A; EP4227971A1; US10720291B2; WO2018036904A1; WO2023152205A1

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