

Title (en)

ELECTRIC MEDIUM-HIGH AND HIGH VOLTAGE CIRCUIT BREAKER HAVING RETURN UPON CLOSURE AND INSERTION DEVICE WITH CLOSING RESISTOR

Title (de)

ELEKTRISCHE MITTEL- UND HOCHSPANNUNGSSCHALTER MIT RÜCKSTELLUNG BEIM SCHLIESSEN UND EINFÜGUNGSVORRICHTUNG MIT EINSCHALTWIDERSTAND

Title (fr)

INTERRUPTEUR ELECTRIQUE MOYENNE ET HAUTE TENSION AVEC RETOUR SUR FERMETURE ET DISPOSITIF D'INSERTION D'UNE RESISTANCE

Publication

**EP 2545574 B1 20150408 (FR)**

Application

**EP 11706836 A 20110308**

Priority

- FR 1051680 A 20100309
- EP 2011053466 W 20110308

Abstract (en)

[origin: WO2011110557A1] The invention relates to a switch that can be used, inter alia, in a resistor insertion device and does not require additional movable mechanical parts. Said switch essentially comprises a flexible toroid helical spring (8) arranged in a notch of the control rod (1) having the contact for inserting the resistor (2) and springs (4) arranged around the movable contact for inserting the resistor and intended to be compressed up to a certain value at which the flexible toroid helical spring (8) is capable of deforming under the force applied and enables the withdrawal (2) of the movable contact for inserting the resistor. The invention can be used for high and very-high voltage circuit breakers and switches.

IPC 8 full level

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