

Title (en)

CONTROL FOR ELECTRIC POWER INTERRUPTING DEVICE

Title (de)

STEUERUNG FÜR EINE ELEKTRISCHE STROMUNTERBRECHEREINRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE DE DISPOSITIF DE COUPURE D'ENERGIE ELECTRIQUE

Publication

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Application

EP 05717675 A 20050120

Priority

- FR 2005050030 W 20050120
- FR 0450124 A 20040123

Abstract (en)

[origin: US2007163869A1] The invention relates to a device for controlling a circuit-breaker intended for opening and closing this electric power cut-off device comprising a mobile contact, this control device comprising a motor (3) with a rotary output shaft (12) and being connected to power supply means (4 - 9) and actuating means transforming the output displacement of the motor into a displacement of the contact, this device also comprising a mechanical spring arrangement involved in opening and closing the contact. According to the invention, the actuation means include a set of jointed elements providing the connection of the rotary shaft and of the ring, and, in the closed position of the contact, the set of jointed elements is near a dead centre position, a so-called open dead centre, the opening spring (15) being only able to drive it towards the open position upon moving past this dead centre during opening.

IPC 8 full level

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US 2007163869 A1 20070719; **US 7642478 B2 20100105**; AT E425546 T1 20090315; CN 1910714 A 20070207; CN 1910714 B 20110302; DE 602005013186 D1 20090423; EP 1706880 A1 20061004; EP 1706880 B1 20090311; FR 2865572 A1 20050729; FR 2865572 B1 20060526; JP 2007519195 A 20070712; JP 4563405 B2 20101013; WO 2005076303 A1 20050818

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