

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

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- 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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