

Title (en)

ROTATING-ARC CIRCUIT-BREAKER INCLUDING A HIGH-RESISTANCE FIELD COIL

Title (de)

DREHBOGENSCHUTZSCHALTER MIT EINER FELDSPULE MIT HOHEM WIDERSTAND

Title (fr)

DISJONCTEUR À ARC TOURNANT COMPORTANT UNE BOBINE INDUCTRICE À TENUE ÉLEVÉE

Publication

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Application

**EP 15716505 A 20150413**

Priority

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Abstract (en)

[origin: WO2015158643A1] The invention relates to a rotating-arc switchgear device (1), comprising a stationary contact (34) and a mobile contact (16) movable between a closed position in contact with the stationary contact (34) and an open position in which it is separated from the stationary contact (34), said circuit-breaker (1) including an inductor (13) including a coil (24) for generating a magnetic field which tends to rotate an electric arc (C2) that appears between the contacts (11, 16) about the longitudinal axis (AX) during the opening of said contacts. The inductor includes a coil (24) made up of a metal strip wound onto itself in a spiral.

IPC 8 full level

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