

Title (en)

METHOD AND DEVICE FOR CONDITIONING CONTACT PIECES FOR ELECTRODES OF A VACUUM INTERRUPTER

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KONDITIONIEREN VON KONTAKTSTÜCKEN FÜR ELEKTRODEN EINER VAKUUMSCHALTTRÖHRE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONDITIONNEMENT DE PIÈCES DE RACCORD POUR ÉLECTRODES D'UN INTERRUPTEUR À VIDE

Publication

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Application

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Abstract (en)

[origin: WO2021121831A1] The invention relates to a method for conditioning contact pieces (12, 14) for electrodes (16, 18) of a vacuum interrupter (20) by generating an arc (42) between the contact pieces (12, 14), which are arranged spaced apart along an axis (24), wherein, during the conditioning, the arc (42) is moved in a deliberate manner over a variable transverse magnetic field (40). It is provided that, during the conditioning, the arc (42) is deliberately made more diffuse by means of an adjustable longitudinal magnetic field (16). The invention also relates to a corresponding device (10) for conditioning contact pieces (12, 14) for electrodes (16, 18) of a vacuum interrupter (20), in particular for carrying out the stated method.

IPC 8 full level

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