

Title (en)

VACUUM CIRCUIT BREAKER WITH WELDABLE COPPER SWITCH CONTACTS

Title (de)

VAKUUMLEISTUNGSSCHALTER MIT VERSCHWEISSBAR AUSGESTALTETEN KUPFERSCHALTKONTAKTEN

Title (fr)

DISJONCTEUR À VIDE AVEC RACCORDS À SOUDER DE COMMUTATEUR EN CUIVRE

Publication

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Application

EP 20816117 A 20201117

Priority

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Abstract (en)

[origin: WO2021121832A1] The present invention relates to a method for producing an electrical switch contact arrangement for a vacuum circuit breaker, said method comprising at least the steps: a) providing two electrical contact pieces made of copper or a copper alloy; b) coating the electrical contact pieces with aluminium or an aluminium alloy, the coating of the contact pieces taking place by means of a cold gas spraying method; c) welding each of the sides coated in method step b) to a current transfer contact; and d) arranging the units obtained in method step b) inside the vacuum circuit breaker. The invention further relates to an electrical switch contact arrangement for a vacuum circuit breaker with the contact pieces produced by the method according to the invention.

IPC 8 full level

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