

Title (en)

A pole part of a circuit-breaker arrangement with a heat sink element

Title (de)

Anschlussenteil einer Schutzschalteranordnung mit einem Kühlkörperelement

Title (fr)

Pièce de pôle d'un agencement de disjoncteur avec un élément dissipateur de chaleur

Publication

EP 2720244 A1 20140416 (EN)

Application

EP 12007041 A 20121011

Priority

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Abstract (en)

The invention relates to a pole part of a circuit-breaker arrangement comprising an insulation housing (1) for accommodating a vacuum interrupter (5) containing a pair of corresponding electrical switching contacts (4, 6), wherein a movable lower electrical contact (6) is connected to a lower electrical terminal (3) of the insulation housing (1) via an electrical conductor (7) which is operated by a pushrod (8) and a fixed upper electrical contact (4) is connected to an upper electrical terminal (2) molded in the insulation housing (1), on which a heat sink element (9) is arranged for transferring the operation heat (Q) generated by the vacuum interrupter (5) via the upper electrical terminal (2) to the environment, wherein the heat sink element (9) comprises elastically damping means disposed between the upper electrical terminal (2) and the heat sink element (9) in order to reduce the bouncing effect at the switching contacts (4, 6) of the vacuum interrupter (5).

IPC 8 full level

H01H 33/662 (2006.01)

CPC (source: EP)

H01H 33/66207 (2013.01)

Citation (applicant)

- WO 2012007172 A1 20120119 - ABB TECHNOLOGY AG [CH], et al
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Citation (search report)

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Designated contracting state (EPC)

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