

Title (en)

Vapor shield arrangement for vacuum switching tube

Title (de)

Dampfabschirmungsanordnung für Vakuumschaltröhre

Title (fr)

Agencement de protection de vapeur pour tube de commutation sous vide

Publication

EP 2618355 B1 20220713 (EN)

Application

EP 12000299 A 20120119

Priority

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Abstract (en)

[origin: EP2618355A1] The invention relates to a vapor shield arrangement for vacuum switching tube, as for the use in medium voltage switchgears. In order to result a shielding which has a high absorbance of thermal energy as well as a good protection against metal deposition on the inner ceramic surface caused by high energy light arc impact, it is proposed, that the shielding consist of at least two concentric arranged cylindric shielding elements with a space or hollow space between the so arranged inner shielding (4) element and the at least one outer shielding (4') element, and that the inner shielding (4) element has openings (8) which corresponds with the hollow space between the shielding elements.

IPC 8 full level

H01H 33/662 (2006.01)

CPC (source: EP)

H01H 33/66261 (2013.01); **H01H 2033/66269** (2013.01); **H01H 2033/66276** (2013.01); **H01H 2033/66292** (2013.01)

Cited by

US2016104590A1; US9875869B2; US10679806B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 12000299 A 20120119; CN 201390000205 U 20130117; EP 2013000124 W 20130117; ES 12000299 T 20120119