Title (en)

METHOD FOR PRODUCING AN ARC-EROSION RESISTANT COATING AND CORRESPONDING SHIELD FOR VACUUM ARCING CHAMBERS

Title (de)

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Title (fr)

PROCEDE DE PRODUCTION D'UN REVETEMENT RESISTANT A L'USURE ET BLINDAGE CORRESPONDANT POUR INTERRUPTEURS A VIDE

Publication

EP 1794350 A1 20070613 (DE)

Application

EP 05791276 A 20050923

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Abstract (en)

[origin: WO2006032522A1] The invention relates to a method for producing an arc-erosion resistant coating, in particular for the interior regions of arcing chambers that are exposed to electric arcs, and to a shield for vacuum arcing chambers that is produced according to said method, in accordance with the general terms of claims 1 and 10. The aim of the invention is to provide a simple method for producing arc-erosion resistant shields, which nevertheless results in practice in an extremely high arc-erosion resistance. To achieve this, a substrate material is provided with an arc-erosion resistant coating in a cold gas injection process.

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CPC (source: EP US)

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Citation (search report)

See references of WO 2006032522A1

Citation (examination)

- GB 2394479 A 20040428 - UNITED TECHNOLOGIES CORP [US]
- US 2004110021 A1 20040610 - SETH BRIJ B [US], et al

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