

Title (en)

Process for producing a copper-chromium contact element for medium-voltage switchgear assemblies, and contact element itself

Title (de)

Verfahren zur Herstellung eines Kupfer-Chrom Kontaktelements für Schaltgetriebeanordnungen mittlerer Spannung und Kontaktelement

Title (fr)

Procédé de production d'un élément de cuivre et chrome de contact pour des ensembles d'appareil de commutation à moyenne tension, et élément de contact

Publication

EP 2191921 A3 20110504 (EN)

Application

EP 08020271 A 20081121

Priority

EP 08020271 A 20081121

Abstract (en)

[origin: EP2191921A2] The invention relates to a process for producing a contact element for medium-voltage switchgear assemblies, and also to the contact element itself, in accordance with the preamble of claims 1 and 6. In order, in this case, to considerably lessen the abrasive effect which occurs during operation when the contact element is finished, and therefore to make the contact element more durable, the invention proposes that the chromium particles in the powder mixture are surface-rounded in advance by ball milling and/or by coating the particles with copper.

IPC 8 full level

B22F 1/065 (2022.01); **B22F 1/17** (2022.01); **C22C 1/04** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP US)

B22F 1/065 (2022.01 - EP US); **B22F 1/17** (2022.01 - EP US); **H01H 1/0206** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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