

Title (en)

SINTERED CONTACT MATERIAL FOR LOW-TENSION SWITCHGEAR, PARTICULARLY FOR CONTACTORS

Publication

**EP 0369283 A3 19910313 (DE)**

Application

**EP 89120515 A 19891106**

Priority

DE 3838950 A 19881117

Abstract (en)

[origin: US4980125A] Sinter materials having the constitution  $\text{AgSnO}_2\text{Bi}_2\text{O}_3\text{CuO}$  produced from an intraoxidized alloy powder have added thereto bismuth zirconate and/or bismuth titanate in parts by weight of preferably between 0.1 and 5%. For the production of these materials, bismuth zirconate and/or bismuth titanate is added as a separate powder to the intraoxidized alloy powder of  $\text{AgSnO}_2\text{Bi}_2\text{O}_3\text{CuO}$ . With such a contact material, the excess temperature behavior in motor contactors is significantly improved.

IPC 1-7

**H01H 1/02**

IPC 8 full level

**C22C 5/06** (2006.01); **C22C 1/05** (2006.01); **C22C 1/10** (2006.01); **C22C 32/00** (2006.01); **H01H 1/02** (2006.01); **H01H 1/023** (2006.01); **H01H 1/0237** (2006.01); **H01H 11/04** (2006.01)

CPC (source: EP US)

**C22C 32/0021** (2013.01 - EP US); **H01H 1/02376** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **H01H 11/048** (2013.01 - EP US)

Citation (search report)

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