

Title (en)  
MATERIAL FOR ELECTRICAL CONTACTS

Publication  
**EP 0056857 B1 19840613 (DE)**

Application  
**EP 81110185 A 19811205**

Priority  
DE 3102067 A 19810123

Abstract (en)  
[origin: ES8305528A1] There is described a contact material based on silver-tin oxide and additional metal oxide having a high working life, slight welding strength and low switching temperatures. Besides silver and tin oxide it contains 0.05 to 4% of molybdenum oxide and/or germanium oxide.

IPC 1-7  
**H01H 1/02**

IPC 8 full level  
**C22C 5/06** (2006.01); **C22C 32/00** (2006.01); **H01B 1/02** (2006.01); **H01H 1/02** (2006.01); **H01H 1/023** (2006.01); **H01H 1/0237** (2006.01)

CPC (source: EP US)  
**C22C 32/0021** (2013.01 - EP US); **H01H 1/02376** (2013.01 - EP US)

Cited by  
EP0152606A3; EP0118717A1; US5610347A; EP0182386A3; US5822674A; DE4331526C3; EP0318892A1; DE3435289A1; WO9326021A1; WO9407252A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0056857 A1 19820804; EP 0056857 B1 19840613**; AR 227957 A1 19821230; AT E7979 T1 19840615; AU 544021 B2 19850516; AU 7798681 A 19820729; BR 8200159 A 19821103; CA 1183373 A 19850305; CS 231185 B2 19841015; CS 842681 A2 19840213; DE 3102067 A1 19820819; DE 3164233 D1 19840719; DK 149786 B 19860929; DK 149786 C 19870413; DK 21982 A 19820724; ES 508715 A0 19830401; ES 8305528 A1 19830401; HU 186467 B 19850828; JP H0325493 B2 19910408; JP S57143460 A 19820904; MX 7462 E 19881222; NO 157317 B 19871116; NO 157317 C 19880224; NO 814101 L 19820726; PL 137714 B1 19860731; PL 234697 A1 19821025; PT 74022 A 19811201; PT 74022 B 19830429; US 4410491 A 19831018; YU 302681 A 19831231; YU 43508 B 19890831; ZA 82349 B 19821229

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**EP 81110185 A 19811205**; AR 28815082 A 19820118; AT 81110185 T 19811205; AU 7798681 A 19811130; BR 8200159 A 19820113; CA 394715 A 19820122; CS 842681 A 19811116; DE 3102067 A 19810123; DE 3164233 T 19811205; DK 21982 A 19820119; ES 508715 A 19820114; HU 19182 A 19820122; JP 771782 A 19820122; MX 987682 U 19820121; NO 814101 A 19811201; PL 23469782 A 19820112; PT 7402281 A 19811123; US 33106581 A 19811215; YU 302681 A 19811221; ZA 82349 A 19820119