

Title (en)  
MATERIAL FOR ELECTRIC CONTACTS

Publication  
**EP 0039429 B1 19830511 (DE)**

Application  
**EP 81102838 A 19810414**

Priority  
DE 3017424 A 19800507

Abstract (en)  
[origin: US4341556A] There is described a material for electrical contacts based on silver having 5 to 20 weight % tin oxide and 0.5 to 5 weight % tungsten oxide which has the welding strength reduced further without producing an increased switching temperature. The material contains additionally 0.1 to 5 weight % of bismuth oxide.

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

IPC 8 full level  
**C22C 32/00** (2006.01); **H01H 1/02** (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  
US5610347A; DE3405218A1; EP0152606A3; EP0118717A1; WO9326021A1

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

DOCDB simple family (publication)  
**EP 0039429 A1 19811111**; **EP 0039429 B1 19830511**; AT E3345 T1 19830515; BR 8102764 A 19820126; DE 3017424 A1 19811112; DE 3017424 C2 19870115; US 4341556 A 19820727

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**EP 81102838 A 19810414**; AT 81102838 T 19810414; BR 8102764 A 19810506; DE 3017424 A 19800507; US 25919781 A 19810430