

Title (en)  
SEMIFINISHED PRODUCT FOR ELECTRICAL CONTACTS, MADE OF A COMPOSITE MATERIAL BASED ON SILVER AND TIN OXIDE, AND  
POWDER METALLURGICAL PROCESS FOR PRODUCING IT

Title (de)  
HALBZEUG FÜR ELEKTRISCHE KONTAKTE AUS EINEM VERBUNDWERKSTOFF AUF SILBER-ZINNOXID-BASIS UND  
PULVERMETALLURGISCHES VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
PRODUIT SEMI-FINI POUR CONTACTS ELECTRIQUES, CONSTITUE D'UN MATERIAU COMPOSITE A BASE D'ARGENT ET D'OXYDE  
D'ETAIN, ET PROCEDE DE METALLURGIE DES POUDRES POUR SA FABRICATION

Publication  
**EP 0440620 B2 19980603 (DE)**

Application  
**EP 89903734 A 19890322**

Priority  
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• EP 8900316 W 19890322

Abstract (en)  
[origin: WO8909478A1] A semifinished product for electrical contacts, made of a composite material based on silver and tin oxide, has a microstructure in which regions containing little or no metallic oxide alternate with regions in which all or most of the metallic oxide component is finely distributed. Also described is a powder metallurgical process for producing the product.

IPC 1-7  
**H01H 1/02; H01H 11/04**

IPC 8 full level  
**B22F 9/24** (2006.01); **B22F 1/12** (2022.01); **C22C 1/05** (2006.01); **C22C 5/06** (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)  
**B22F 1/12** (2022.01 - EP US); **C22C 32/0021** (2013.01 - EP US); **H01H 1/02376** (2013.01 - EP US); **H01H 11/048** (2013.01 - EP US); **B22F 2998/10** (2013.01 - EP US); **Y10T 428/12014** (2015.01 - EP US); **Y10T 428/12021** (2015.01 - EP US); **Y10T 428/12028** (2015.01 - EP US); **Y10T 428/1216** (2015.01 - EP US); **Y10T 428/12167** (2015.01 - EP US)

C-Set (source: EP US)  
**B22F 2998/10 + B22F 1/12 + B22F 9/026 + B22F 9/30**

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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