

Title (en)

METHOD OF PRODUCING A SHAPED PART FROM A SILVER-BASED CONTACT MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FORMSTÜCKS AUS EINEM KONTAKTWERKSTOFF AUF SILBERBASIS

Title (fr)

PROCEDE DE PRODUCTION D'UNE PIECE FA ONNEE A PARTIR D'UN MATERIAU DE CONTACT A BASE D'ARGENT

Publication

EP 0876670 A2 19981111 (DE)

Application

EP 97914051 A 19970113

Priority

- DE 9700042 W 19970113
- DE 19602812 A 19960126

Abstract (en)

[origin: DE19602812C1] The invention concerns the production of a shaped part from a silver-based contact material. According to the invention, a powder mixture is formed from silver and a metal oxide and is processed powder-metallurgically to form the shaped part, the metal oxide being reduced to metal. Since metal oxide powders with a considerably finer grain size than metal powders are available, a contact material of which the metal incorporated as active component has an average grain size of less than 1 μm can be obtained. Owing to the fine grain size, a contact material of this type has particularly advantageous switching properties.

IPC 1-7

H01H 1/02; **H01H 11/04**

IPC 8 full level

C22C 1/04 (2006.01); **H01H 1/02** (2006.01); **H01H 1/023** (2006.01); **H01H 11/04** (2006.01)

CPC (source: EP US)

H01H 1/023 (2013.01 - EP US); **H01H 11/048** (2013.01 - EP US); **H01H 2001/02378** (2013.01 - EP US)

Citation (search report)

See references of WO 9727601A2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

DE 19602812 C1 19970731; BR 9707202 A 19990406; BR 9707202 B1 20100629; DE 59707280 D1 20020620; EP 0876670 A2 19981111; EP 0876670 B1 20020515; ES 2176718 T3 20021201; JP H11503559 A 19990326; US 6001149 A 19991214; WO 9727601 A2 19970731; WO 9727601 A3 19971009

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DE 19602812 A 19960126; BR 9707202 A 19970113; DE 59707280 T 19970113; DE 9700042 W 19970113; EP 97914051 A 19970113; ES 97914051 T 19970113; JP 52640797 A 19970113; US 12307898 A 19980727