

Title (en)

Contact piece for vacuum chambre and manufacturing process

Title (de)

Kontaktstück für eine Vakuumkammer und Verfahren zur Herstellung des Kontaktstückes

Title (fr)

Pièce de contact pour chambre à vide et son procédé de fabrication

Publication

EP 0940830 A3 20001025 (DE)

Application

EP 99103559 A 19990224

Priority

DE 19809306 A 19980305

Abstract (en)

[origin: EP0940830A2] The contact piece has a base section which has several concentric grooves in the region of the surface of the contact piece, which are axially open to the contact piece surface or a counter contact. The base section is made of a good electrical conductor such as copper, while the surface of the contact piece is made of a less good conductor such as chrome and a chrome copper alloy. The less good conductor is situated in the grooves so that rings of good and less good conductors are arranged on the surface. A method of manufacturing a contact piece is also claimed.

IPC 1-7

H01H 1/02; H01H 33/66

IPC 8 full level

H01H 1/02 (2006.01)

CPC (source: EP)

H01H 1/0206 (2013.01)

Citation (search report)

- [Y] GB 1287665 A 19720906 - SIEMENS AG [DE]
- [Y] US 4695687 A 19870922 - GROSSE JOACHIM [DE], et al
- [A] US 4935588 A 19900619 - HESS RUEDIGER [DE], et al
- [DA] DE 3708158 A1 19880922 - LICENTIA GMBH [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0940830 A2 19990908; **EP 0940830 A3 20001025**; DE 19809306 A1 19990909

DOCDB simple family (application)

EP 99103559 A 19990224; DE 19809306 A 19980305