

Title (en)

Preform material and manufacturing process of preform material and semi-finished products for electrical contacts

Title (de)

Vormaterial und Verfahren zur Herstellung von Vormaterial und Halbzeug für elektrische Kontakte

Title (fr)

Ebauche et procédé pour la fabrication d'ébauches et de produits semi-finis pour des contacts électriques

Publication

EP 0726613 B1 20000301 (DE)

Application

EP 95114277 A 19950912

Priority

DE 19504144 A 19950209

Abstract (en)

[origin: EP0726613A2] The blank is made into electrical contacts by connecting it to a contact carrier strip, esp. of copper, using resistive heating. The blank is formed as a metal strip (1) with a contact region and a coating of material on its underside which is to be connected to the carrier strip. The coating material essentially consists of silver, whose melting point lies below that of the metal strip. The coating is applied at least at the tip of a strand-like protrusion (5) on the underside (4) of the metal strip. The core (2) of the metal strip is essentially made of nickel. It can be a copper-nickel alloy.

IPC 1-7

H01R 4/02; **H01R 43/02**; **H01H 11/04**

IPC 8 full level

H01H 11/04 (2006.01); **H01R 4/02** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP US)

H01R 4/029 (2013.01 - EP US); **H01R 43/0214** (2013.01 - EP US)

Cited by

DE19748288A1; EP4239802A3; US11394131B2; WO2020169295A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0726613 A2 19960814; **EP 0726613 A3 19970910**; **EP 0726613 B1 20000301**; DE 19504144 A1 19960822; DE 19504144 C2 19980924; DE 59507911 D1 20000406; US 5883352 A 19990316

DOCDB simple family (application)

EP 95114277 A 19950912; DE 19504144 A 19950209; DE 59507911 T 19950912; US 59393096 A 19960130