

Title (en)

Electrical contact, low voltage circuit breaker with electrical contact and method of manufacturing of electrical contact

Title (de)

Schaltstück, Niederspannungs-Leistungsschalter mit einem Schaltstück sowie Verfahren zur Herstellung eines Schaltstücks

Title (fr)

Pièce de contact, un disjoncteur basse tension avec pièce de contact et son procédé de fabrication

Publication

EP 1727168 A3 20071212 (DE)

Application

EP 06114219 A 20060519

Priority

DE 102005024973 A 20050525

Abstract (en)

[origin: EP1727168A2] The contact piece has carrier and a contact piece support (13) fastened to the carrier, where the support is made from metal alloy. An entire surface of the contact piece is covered with a layer (25) made from tin, where the tin layer is galvanically applied on the surface of the contact piece. The carrier is designed as a connecting bar of a low voltage circuit breaker and connected with a bus bar of a switching system by a screw connection. Independent claims are also included for the following: (1) a low voltage circuit breaker with a contact piece (2) a method for manufacturing a contact piece.

IPC 8 full level

H01H 1/02 (2006.01); **H01H 1/023** (2006.01)

CPC (source: EP)

H01H 1/02 (2013.01); **H01H 1/0231** (2013.01); **H01H 2011/046** (2013.01)

Citation (search report)

- [DX] DE 10318223 A1 20041202 - LOUIS RENNER GMBH [DE], et al
- [X] US 3519543 A 19700707 - GWYN CHILDRESS B JR
- [X] US 2547947 A 19510410 - KLEIS JOHN D, et al
- [A] AT 251684 B 19670110 - LICENTIA GMBH [DE]
- [DA] EP 1065683 A2 20010103 - SIEMENS AG [DE]

Cited by

CN113299515A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1727168 A2 20061129; EP 1727168 A3 20071212; DE 102005024973 A1 20061130

DOCDB simple family (application)

EP 06114219 A 20060519; DE 102005024973 A 20050525