

Title (en)

Contact element and procedure for manufacturing

Title (de)

Kontaktelement und Verfahren zur Herstellung eines Kontaktelementes

Title (fr)

Élément de contact et procédé de fabrication

Publication

EP 2061119 A2 20090520 (DE)

Application

EP 08020007 A 20081117

Priority

DE 102007055040 A 20071117

Abstract (en)

The electrical contact element has a cylindrical socket contact (2) and a contact holder, where the contact holder is connected with the socket contact in a force-fit and form-fit manner. The contact holder is connected with a ring element, where the cylindrical socket contact encloses at a cylindrical tubular sheath. An inner diameter of the ring element is designed in a molded manner. An independent claim is included for a method for manufacturing an electrical contact element.

Abstract (de)

Elektrisches Kontaktelement (1) umfassend einen zylinderförmigen Buchsenkontakt (2) und einen Kontakthalter (3), welcher mit dem Buchsenkontakt kraft- und formschlüssig verbunden ist und der Kontakthalter mit einem Ringelement (30) verbunden ist, welcher den zylinderförmigen Buchsenkontakt am zylinderförmigen Rohrmantel (21) umschließt, wobei der Innendurchmesser D2 des Ringelementes profiliert ausgebildet ist.

IPC 8 full level

H01R 13/187 (2006.01)

CPC (source: EP)

H01R 13/187 (2013.01); **H01R 13/111** (2013.01)

Citation (applicant)

- DE 19734524 C2 19990729 - FRAMATOME CONNECTORS INT [DE]
- DE 3702012 A1 19870806 - K & K STAMPING [US]
- DE 102006012434 A1 20070920 - AMPHENOL TUCHEL ELECT [DE]
- DE 441377 C 19271219 - FRIEDRICH AUGUST BECKER DIPL I
- WO 9843321 A1 19981001 - INGOS ELEKTRONIK HANDELSGESELL [DE], et al
- WO 0070713 A2 20001123 - K & K STAMPING COMPANY [US]

Cited by

CN108899677A; WO2014114363A1; US11909162B2; WO2021104572A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2061119 A2 20090520; EP 2061119 A3 20110824; EP 2061119 B1 20150708; DE 102007055040 A1 20090528;
DE 102007055040 B4 20130829

DOCDB simple family (application)

EP 08020007 A 20081117; DE 102007055040 A 20071117