

Title (en)

Force-fit and form-fit crimp connection, in particular for a coaxial connector and crimping tool for same

Title (de)

Form- und kraftschlüssige Crimpverbindung, insbesondere für einen Koaxialsteckverbinder und Crimpwerkzeug hierfür

Title (fr)

Connexion par sertissage à complémentarité de forme et de force, notamment pour un connecteur à fiche coaxial et outil de sertissage associé

Publication

EP 2456013 A3 20150401 (DE)

Application

EP 11008597 A 20111026

Priority

DE 102010051775 A 20101118

Abstract (en)

[origin: EP2456013A2] The method involves providing hollow cylindrical support sleeve (4) on predetermined portion of protective sheath, such that support sleeve is liberated relative to outer conductor (5). A radial force is applied along circumferential direction on the outer side of the outer conductor, so to obtain cold weld between the support sleeve and the outer conductor. An independent claim is included for crimping tool.

IPC 8 full level

H01R 9/05 (2006.01); **H01R 43/048** (2006.01); **H01R 43/058** (2006.01)

CPC (source: EP US)

H01R 9/0518 (2013.01 - EP US); **H01R 43/048** (2013.01 - EP US); **H01R 43/058** (2013.01 - EP US); **Y10T 29/49123** (2015.01 - EP US); **Y10T 29/532** (2015.01 - EP US); **Y10T 29/53235** (2015.01 - EP US)

Citation (search report)

- [IY] DE 102008021747 A1 20091105 - MD ELEKTRONIK GMBH [DE]
- [II] DE 19523795 C1 19961219 - SIEMENS AG [DE]
- [II] DE 10343837 B3 20050609 - HARTING AUTOMOTIVE GMBH & CO [DE]
- [Y] GB 327118 A 19300324 - JOSEPH LEONARD MRAZ
- [Y] US 3212050 A 19651012 - STARK FRANK B

Cited by

WO2020201423A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2456013 A2 20120523; EP 2456013 A3 20150401; EP 2456013 B1 20200108; DE 102010051775 A1 20120524; US 10014599 B2 20180703; US 2012124827 A1 20120524; US 2015255893 A1 20150910; US 9270037 B2 20160223

DOCDB simple family (application)

EP 11008597 A 20111026; DE 102010051775 A 20101118; US 201113295372 A 20111114; US 201514722741 A 20150527