

Title (en)

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

Title (de)

Form- und kraftschlüssige Crimpverbindung für einen Koaxialsteckverbinder und Crimpwerkzeug hierfür

Title (fr)

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

Publication

EP 2456013 B1 20200108 (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 (examination)

- US 5217392 A 19930608 - HOSLER SR ROBERT C [US]
- US 5542861 A 19960806 - ANHALT JOHN W [US], et al
- US 3984912 A 19761012 - JOHNSTON JAMES J, et al
- US 2002106918 A1 20020808 - SAITO SATOSHI [JP], et al

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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

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