

Title (en)

METHOD AND DEVICE FOR PRODUCING AN OPERATIVE CONNECTION BETWEEN A CONNECTOR AND A CABLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERZEUGEN EINER WIRKVERBINDUNG ZWISCHEN EINEM VERBINDER UND EINEM KABEL

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS À RÉALISER UNE LIAISON FONCTIONNELLE ENTRE UN CONNECTEUR ET UN CÂBLE

Publication

EP 2850696 A1 20150325 (DE)

Application

EP 13722322 A 20130425

Priority

- CH 6842012 A 20120515
- EP 2013058601 W 20130425

Abstract (en)

[origin: WO2013171049A1] The invention relates to a method for producing an operative connection between a coaxial cable (1) and a coaxial connector (16). The invention further comprises a coaxial connector (16) and a coaxial cable (1). In a first step of the method according to the invention, a cable jacket (5), if present, is removed by means of a first tool (6) to a predefined first length L1. In a second step, an outer conductor (3) is removed by means of a second tool (7) to a predefined second length L2. In a third step, a dielectric (4) is removed by means of a third tool (8) to a third length L3, such that one end (15) of the inner conductor (2) is exposed. Then the end (15) of the inner cable conductor (2) is formed by means of a rotary swaging device (9), which comprises a plurality of deflectable jaws (10) rotatable circumferentially about an axis of rotation (11) and each hammering in the radial direction with at least one operative surface (14).

IPC 8 full level

H01R 4/20 (2006.01); **H01R 24/40** (2011.01); **H01R 43/28** (2006.01)

CPC (source: CN EP US)

H01B 7/38 (2013.01 - CN US); **H01B 11/18** (2013.01 - CN US); **H01R 4/20** (2013.01 - CN EP US); **H01R 9/05** (2013.01 - CN US); **H01R 24/40** (2013.01 - CN EP US); **H01R 43/28** (2013.01 - CN EP US); **Y10T 29/49174** (2015.01 - EP US); **Y10T 29/532** (2015.01 - EP US)

Citation (search report)

See references of WO 2013171049A1

Cited by

DE102020125568A1

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)

CH 706510 A2 20131115; CN 104380529 A 20150225; CN 104380529 B 20171024; EP 2850696 A1 20150325; EP 2850696 B1 20160907; JP 2015516665 A 20150611; JP 6169168 B2 20170726; US 2015104973 A1 20150416; US 9960565 B2 20180501; WO 2013171049 A1 20131121

DOCDB simple family (application)

CH 6842012 A 20120515; CN 201380023504 A 20130425; EP 13722322 A 20130425; EP 2013058601 W 20130425; JP 2015511977 A 20130425; US 201314401639 A 20130425