

Title (en)  
PRODUCTION OF PRESS-FIT AND CRIMP CONNECTIONS IN A VICE

Title (de)  
HERSTELLEN VON PRESS- UND CRIMPVERBINDUNGEN IM SPANNSTOCK

Title (fr)  
FABRICATION DE RACCORDS SERTIS À LA PRESSE DANS L'ÉTAU

Publication  
**EP 3818600 B1 20230215 (DE)**

Application  
**EP 18742909 A 20180704**

Priority  
DE 2018100608 W 20180704

Abstract (en)  
[origin: WO2020007383A1] The invention relates to a method for connecting a strand element (100) to a connection element (150) using a re-shaping method, e.g. connecting a cable to a cable lug. The system (10) comprises a pair of receiving elements (200) having a front side (210) with a recess (215) and a hollow section (230). The hollow section (230) is designed to accommodate a press insert (300) having a front side (310) with a recess (315). The receiving elements (200) and the press inserts (300) are arranged in a vice (500). The system (10) also comprises a clamp (400) having a front side (410) with a recess (415), which is suitable for receiving the connection element (150). When a pair of receiving elements (200) is arranged, together with the press insert (300), around a central region (155) of the connection element (150), then a re-shaping connection, e.g. a crimp connection, is produced between the strand element (100) and the connection element (150).

IPC 8 full level  
**H01R 43/02** (2006.01); **H01R 4/02** (2006.01); **H01R 4/18** (2006.01); **H01R 43/042** (2006.01); **H01R 43/058** (2006.01)

CPC (source: EP US)  
**H01R 4/027** (2013.01 - US); **H01R 4/18** (2013.01 - US); **H01R 4/187** (2013.01 - US); **H01R 43/0263** (2013.01 - EP US); **H01R 43/042** (2013.01 - US); **H01R 43/0421** (2013.01 - EP US); **H01R 43/048** (2013.01 - US); **H01R 43/058** (2013.01 - EP US); **H01R 4/027** (2013.01 - EP); **H01R 4/187** (2013.01 - EP); **Y10T 29/53235** (2015.01 - US); **Y10T 29/53239** (2015.01 - US)

Citation (examination)  
US 6152435 A 20001128 - SNELL LLOYD D [US]

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)  
**WO 2020007383 A1 20200109**; CN 112449734 A 20210305; CN 112449734 B 20220913; EP 3818600 A1 20210512; EP 3818600 B1 20230215; US 2021273395 A1 20210902

DOCDB simple family (application)  
**DE 2018100608 W 20180704**; CN 201880095258 A 20180704; EP 18742909 A 20180704; US 201817257612 A 20180704