

Title (en)

CRIMP BARREL PREPARED FOR CRIMPING

Title (de)

ZUM CRIMPEN VORBEREITETE CRIMPHÜLSE

Title (fr)

BARILLET DE SERTISSAGE PRÉPARÉ POUR LE SERTISSAGE

Publication

**EP 3859895 A1 20210804 (EN)**

Application

**EP 21154322 A 20210129**

Priority

DE 102020201137 A 20200130

Abstract (en)

The invention relates to a crimp barrel (1) prepared for crimping. The crimp barrel (1) according to the invention comprises a crimp base (6) that is disposed between two crimp wings (4) and that is provided with a support region (8) for the electrical conductor (3), wherein the support region (8) has a first curvature (10). Furthermore, disposed on both sides of the support region (8) in a circumferential direction (U), in which at least support region (8) is curved, is a respective region (12) having a second curvature (14), wherein a curvature diameter of the second curvature (14) is smaller than a curvature diameter of the first curvature (10). It is further provided that a rigidity, in particular a flexural rigidity, in the support region (8) or even in the entire crimp base (6), is less than a rigidity, in particular a flexural rigidity, in the respective crimp wings (4).

IPC 8 full level

**H01R 4/20** (2006.01); **H01R 9/05** (2006.01)

CPC (source: CN EP)

**H01R 4/20** (2013.01 - CN); **H01R 4/203** (2013.01 - CN); **H01R 4/206** (2013.01 - EP); **H01R 9/0518** (2013.01 - EP)

Citation (search report)

[X] WO 2019063641 A1 20190404 - TE CONNECTIVITY GERMANY GMBH [DE]

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 3859895 A1 20210804**; **EP 3859895 B1 20230726**; CN 113206394 A 20210803; DE 102020201137 A1 20210805

DOCDB simple family (application)

**EP 21154322 A 20210129**; CN 202110108438 A 20210127; DE 102020201137 A 20200130