

Title (en)

TWISTING DEVICE AND METHOD OF OPERATION

Title (de)

VERDRILLEINRICHTUNG UND BETRIEBSVERFAHREN

Title (fr)

DISPOSITIF DE TORSION ET PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 3246463 B1 20200909 (DE)

Application

EP 17171537 A 20170517

Priority

DE 102016109152 A 20160518

Abstract (en)

[origin: CN107403667A] The invention relates to a stop positioning unit (4, 4a) for a twisting device (1). The stop positioning unit (4, 4a, 4, 4b) comprises multiple stretching spacing units (5) perpendicular to the operation direction (V); the spacing units are staggered in the circumference direction (A) in the operation direction (V); and the spacing units (5) contact with each other in a stretching state. The invention relates to a twisting device (1), which comprises a stop positioning unit (4, 4a) that can operate between a twisting unit (2) and a de-twisting unit (3). The invention relates to a method of operating a twisting device. The stop positioning unit (4, 4a) with recovered spacing units (5) is arranged on the un-twisted part of a cable (K) provided with at least two single leads (E1 to E4). The spacing units (5) stretch from the space between single leads so as to separate the leads. The invention is particularly advantageous for twisting more than two individual leads.

IPC 8 full level

B21F 7/00 (2006.01); **D07B 3/00** (2006.01); **D07B 7/02** (2006.01); **D07B 7/04** (2006.01); **H01B 13/02** (2006.01)

CPC (source: CN EP US)

B21F 7/00 (2013.01 - EP US); **D07B 3/00** (2013.01 - EP); **D07B 7/02** (2013.01 - EP US); **H01B 13/0207** (2013.01 - CN);
D07B 7/04 (2013.01 - EP); **D07B 2207/4018** (2013.01 - EP); **D07B 2501/406** (2013.01 - EP); **H01B 13/0207** (2013.01 - EP)

Cited by

EP4177910A1

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)

DE 102016109152 B3 20170907; CN 107403667 A 20171128; CN 107403667 B 20210903; EP 3246463 A1 20171122; EP 3246463 B1 20200909

DOCDB simple family (application)

DE 102016109152 A 20160518; CN 201710345657 A 20170517; EP 17171537 A 20170517