

Title (en)

TWISTING APPLIANCE AND TWISTING HEAD DEVICE AND METHOD FOR TWISTING OR STRANDING CABLES

Title (de)

VERDRILLVORRICHTUNG UND VERDRILLKOPFEINRICHTUNG SOWIE VERFAHREN ZUM VERDRILLEN ODER VERSEILEN VON LEITUNGEN

Title (fr)

DISPOSITIF DE TORSION ET DISPOSITIF DE TÊTE DE TORSION ET PROCÉDÉ DE TORSION OU DE TORONNAGE DE CONDUITES

Publication

EP 3707731 B1 20240612 (DE)

Application

EP 17829706 A 20171219

Priority

- CH 13642017 A 20171110
- IB 2017058135 W 20171219

Abstract (en)

[origin: WO2019092486A1] The invention relates to a method for twisting or stranding cables (16) and to a twisting head device (20), comprising a twisting rotor (22) and a twisting rotor drive device (21) for driving the twisting rotor (22). The twisting head device also comprises a first gripper device (30) which is rotatably arranged on the twisting rotor (22), and another gripper device which is rotatably arranged on the twisting rotor (22). The twisting rotor (22) is rotatably arranged on the twisting head device (20) and has an axis of rotation (23). The first gripper device (30) can be driven by means of a gripper drive device and a drive shaft. The drive shaft extends through the twisting rotor (22). The invention also relates to a twisting appliance (15) and to a method for twisting or stranding cables (16). The twisting appliance (15) comprises a control device (60) and a first sensor device for detecting the position of a stranding shuttle (65), the first sensor device being connected to the control device (60) for the exchange of sensor data.

IPC 8 full level

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

CPC (source: EP KR)

D07B 3/00 (2013.01 - EP KR); **D07B 7/04** (2013.01 - KR); **H01B 13/0207** (2013.01 - EP KR); **D07B 7/04** (2013.01 - EP); **D07B 2207/409** (2013.01 - EP KR); **D07B 2501/406** (2013.01 - EP KR)

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 2019092486 A1 20190516; CN 111316384 A 20200619; CN 111316384 B 20220705; EP 3707731 A1 20200916; EP 3707731 B1 20240612; JP 2021510899 A 20210430; JP 7113896 B2 20220805; KR 102570327 B1 20230823; KR 20200087173 A 20200720; SG 11202002673P A 20200429

DOCDB simple family (application)

IB 2017058135 W 20171219; CN 201780096661 A 20171219; EP 17829706 A 20171219; JP 2020524900 A 20171219; KR 20207015490 A 20171219; SG 11202002673P A 20171219