

Title (en)
TWISTING DEVICE FOR ELECTRICAL LINES

Title (de)
VERDRILLVORRICHTUNG FÜR ELEKTRISCHE LEITUNGEN

Title (fr)
DISPOSITIF DE CÂBLAGE DE LIGNES ÉLECTRIQUES

Publication
EP 3163586 B1 20180704 (DE)

Application
EP 15191926 A 20151028

Priority
EP 15191926 A 20151028

Abstract (en)
[origin: US2017125139A1] Twisting device for electrical conductors has at least one twisting head that rotates about an axis of rotation and a clamping device. The twisting head is movable in the direction of its axis of rotation toward the clamping device and is mounted on a first, motorised length compensation carriage, while the clamping device is mounted on a travel compensation carriage that is movable towards the length compensation carriage parallel to the axis of rotation of the twisting head. After the conductors have been cut to size and transferred to the twisting head and the clamping device, they are placed under tension. Then, the twisting head is activated to rotate about an axis of rotation parallel to the conductors while simultaneously moving towards the clamping device. Simultaneously, the clamping device is subjected to a force directed away from the twisting head and the travel/force profile for the clamping device is evaluated.

IPC 8 full level
H01B 13/02 (2006.01)

CPC (source: CN EP KR US)
H01B 13/0003 (2013.01 - KR); **H01B 13/0036** (2013.01 - KR); **H01B 13/0207** (2013.01 - CN EP KR US); **H01B 13/0271** (2013.01 - CN);
H01B 13/0278 (2013.01 - US)

Cited by
CN109767878A

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)
EP 3163586 A1 20170503; EP 3163586 B1 20180704; CN 106952693 A 20170714; JP 2017126554 A 20170720; JP 6872347 B2 20210519;
KR 20170049406 A 20170510; MX 2016014136 A 20180426; SG 10201608756R A 20170530; US 10418155 B2 20190917;
US 2017125139 A1 20170504; US 2019355496 A1 20191121

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EP 15191926 A 20151028; CN 201610973570 A 20161028; JP 2016209376 A 20161026; KR 20160138214 A 20161024;
MX 2016014136 A 20161027; SG 10201608756R A 20161019; US 201615334698 A 20161026; US 201916531273 A 20190805