

Title (en)

WINDING DEVICE AND METHOD FOR FULLY AUTOMATED WINDING OF A CABLE BUNDLE WITH AN ADHESIVE TAPE

Title (de)

WICKELVORRICHTUNG UND VERFAHREN ZUM VOLLAUTOMATISIERTEN UMWICKELN EINES LEITUNGSBÜNDELS MIT EINEM KLEBEBAND

Title (fr)

DISPOSITIF D'ENROULEMENT ET PROCÉDÉ D'ENROULEMENT ENTIÈREMENT AUTOMATISÉ D'UN FAISCEAU DE CONDUCTEURS À L'AIDE D'UNE BANDE ADHÉSIVE

Publication

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Application

EP 18212831 A 20181217

Priority

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Abstract (en)

[origin: CN109950003A] The invention relates to a winding device for fully automated wrapping of a wire bundle with an adhesive tape comprising a winding unit with an outer ring open on one side, on which an annular winding rotor open on one side is relatively is rotatably disposed about the outer ring about a rotation axis extending in the longitudinal direction of the winding device, wherein a holder for receiving a roll of adhesive tape is rotatably mounted on the winding rotor; a tensioning device for tensioning the wire bundle in the longitudinal direction of the winding device; an adjusting unit, by means of which the winding unit transversely to the longitudinal direction of the winding device between a working position in which the winding unit surrounds the tensioned wire bundle and a recessed position, in which the tensioned wire bundle is arranged outside the winding unit, a feed unit, by means of which the winding unit in the longitudinal direction of the winding device is movable; and a control device. The invention further relates to a method for the fully automated wrapping of a wire bundle with an adhesive tape.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN116666005A; CN110683095A; CN115798830A; CN110444345A; CN111696723A; CN110444344A; WO2023165660A1; WO2021191671A1; WO2024002700A1

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