

Title (en)
METHOD AND DEVICE FOR PIVOTING A COIL IN A WINDING DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHWENKEN EINER SPULE IN EINER SPULVORRICHTUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE PIVOTEMENT D'UNE BOBINE DANS UN DISPOSITIF DE BOBINAGE

Publication
EP 3626658 B1 20210421 (DE)

Application
EP 19195577 A 20190905

Priority
CH 11122018 A 20180918

Abstract (en)
[origin: US2020087821A1] The present invention relates to a method and a device for swiveling a bobbin (2) in a winding device during an interruption of a winding operation. The bobbin (2) rests on a backing roller (3) and is formed on a bobbin tube (5) onto which a thread (4) is wound. The bobbin tube (5) is rotatably held between two retaining arms (6, 7) via a holder (8, 9) in each case. The two retaining arms (6, 7) are mounted on a shared swivel arm (10) having a swivel axis (11). A force effect that acts on at least one retaining arm (6) due to contact of the bobbin (2) with the backing roller (3) or the intrinsic weight of the bobbin (2) is measured by a force measurement unit (12). A force (G, H) is introduced into this retaining arm (6) by a manual transmission of force, wherein a force direction of the manually introduced force (G, H) is determined by evaluating the force measurement, and by means of a drive (13) the swivel arm (10) is swiveled corresponding to the force direction.

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Cited by
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