

Title (en)

Method for eliminating the yarn portion clamped and wound at the end of the winding tube, and a device for implementing the method.

Title (de)

Verfahren zum Entfernen des am Ende der Spulhülse geklemmten und aufgewickelten Garnteiles und eine Vorrichtung zum Durchführen des Verfahrens.

Title (fr)

Procédé pour éliminer la partie du fil pincée et enroulée au bout du tube de bobinage et un dispositif pour la mise en oeuvre de ce procédé.

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Application

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Priority

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Abstract (en)

The present invention relates to a method for eliminating the yarn portion clamped and wound at the end of a winding tube for the purpose of forming a bobbin in a winding machine in which as the yarn portion positioned between the yarn accumulation on the tube and the region in which the tube is clamped to the holding centre of the bobbin support arm moves radially outwards by the action of centrifugal force, it undergoes a circumferential trajectory which is increasingly displaced outwards as it slackens until said portion interferes at one point with a cutting element which rapidly cuts the yarn to thus interrupt its continuity between the bobbin package and said holding centre. The yarn portion clamped between the tube and holding centre is sucked in and removed advantageously through a suction port which is activated by the opening of the bobbin support arm. The device for implementing the method comprises a fixed cutting blade positioned slightly above and approximately in the middle of said yarn portion when extending taut between the yarn accumulation on the tube and the point at which the tube is clamped to the holding centre of the bobbin support arm.

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CPC (source: EP)

B65H 54/71 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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