

Title (en)

Device and process for the handling and control of the yarn in a crosswinding head of a crosswinding machine in bobbin doffing operations

Title (de)

Vorrichtung und Verfahren zum Handhaben und Steuern eines Fadens in einem Kreuzwickelkopf einer Kreuzwickelmaschine beim Auswechseln von Spulen

Title (fr)

Dispositif et procédé de manipulation et de réglage du fil dans une tête de bobinage à spires croisées d'une machine de bobinage à spires croisées lors du changement de bobines

Publication

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Application

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Priority

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Abstract (en)

[origin: US2006230738A1] The invention relates to a device and a process for the handling and control of the yarn (1) in a crosswinding head of a crosswinding machine in bobbin (2) doffing operations, said crosswinding machine being equipped with a series of crosswinding heads and at least one service trolley (13), in which the yarn (1) run is moved to a definite position, near the end portion of its course from the pirn to the bobbin (2) and the yarn (1) is subsequently drawn from a handling device (12) of the service trolley (13), cut and, after removal of the bobbin (2), its end coming from the pirn, is arranged on a new winding tube.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XY] DE 3819873 A1 19881229 - MURATA MACHINERY LTD [JP]
- [Y] EP 0432837 A2 19910619 - SAVIO SPA [IT]
- [X] DE 19533833 A1 19970320 - SCHLAFHORST & CO W [DE]
- [DXY] EP 1428783 A1 20040616 - SAURER GMBH & CO KG [DE]
- [Y] DE 4139892 A1 19930609
- [DA] EP 1236668 A2 20020904 - MURATA MACHINERY LTD [JP]
- [DA] EP 1127831 A2 20010829 - SCHLAFHORST & CO W [DE]

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