

Title (en)

YARN WINDING DEVICE AND YARN WINDING METHOD

Title (de)

GARNWICKELMASCHINE UND GARNWICKELVERFAHREN

Title (fr)

DISPOSITIF D'ENROULEMENT DE FIL ET PROCÉDÉ D'ENROULEMENT DE FIL

Publication

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Application

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Abstract (en)

The present invention suppresses a winding ratio from being changed and suppresses the shape of the surface of a package from being poor, even when creeping is performed during precision winding. A yarn winding device includes: a guide driving unit which reciprocally drives a traverse guide and is able to change a reversal position of the traverse guide during a winding operation of winding a yarn; and a controller. A controller is capable of performing: first reversal control in which the traverse guide running outward in a traverse direction at a predetermined speed is decelerated, the running direction of the traverse guide is reversed to inward at a predetermined first reversal position, and then the traverse guide is re-accelerated to the predetermined speed; and second reversal control in which the traverse guide running outward in the traverse direction at the predetermined speed is decelerated, the running direction of the traverse guide is reversed to inward at a second reversal position which is on the inner side of the first reversal position, and then the traverse guide is re-accelerated to the predetermined speed. During precision winding, the controller arranges a second reversal time (Trb) in the second reversal control to be longer than a first reversal time (Tra) in the first reversal control.

IPC 8 full level

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