Title (en)

TWISTING MACHINE PROVIDED WITH AN AUTOMATIC TENSIONING MACHINE

Title (de)

ZWIRNMASCHINE MIT AUTOMATISCHER SPANNMASCHINE

Title (fr)

MACHINE DE TORSION DOTÉE D'UNE MACHINE DE TENSION AUTOMATIQUE

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Application

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Abstract (en)

The present invention relates to a twisting machine, wherein an outer surface of a drum, on which a belt for rotating a plurality of bobbins is wound, is coated with silicon to reduce the frictional force between the belt and the drum, and in which an automatic tensioning machine is installed to apply a predetermined amount of tension force to the belt. For this purpose, the present invention relates to a twisting machine provided with an automatic tensioning machine, comprising: a plurality of bobbins on which thread is wound; a driving pulley connected to a driving apparatus through a driving shaft such that the driving pulley rotates by the driving shaft; a belt which is wound along the circumference of a drum of the driving pulley, and which moves by the rotation of the driving pulley to rotate the plurality of bobbins; and said automatic tensioning machine connected to the driving apparatus to apply a predetermined tension to the belt, wherein the drum of the driving pulley has an outer surface coated with silicon up to a predetermined thickness to reduce the frictional force between the drum and the belt.

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