

Title (en)
METHOD FOR CONTROLLING THE YARN FEED OF AT LEAST ONE YARN FEEDER DEVICE AND TEXTILE MACHINE WITH A SYSTEM WITH AT LEAST ONE YARN FEEDER DEVICE

Title (de)
VERFAHREN ZUR STEUERUNG DER FADENLIEFERUNG MINDESTENS EINES FADENLIEFERGERÄTES UND TEXTILMASCHINE MIT EINEM SYSTEM MIT MINDESTENS EINEM FADENLIEFERGERÄT

Title (fr)
PROCÉDÉ DE COMMANDE DE FOURNITURE DE FIL D'AU MOINS UN DISTRIBUTEUR DE FIL ET MACHINE TEXTILE COMPRENANT UN SYSTÈME DOTÉ D'AU MOINS UN DISTRIBUTEUR DE FIL

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Application
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Abstract (en)
[origin: CN106929992A] The invention relates to a method for controlling the yarn feed of a yarn feeder device and a textile machine. In the method, a yarn is peeled off from a storage body of the yarn feed device by the textile machine in a method for controlling the yarn feed from at least one yarn feed device to a textile machine. The thread tension of the thread is adjusted by a braking device with at least one brake member in the course of the thread after the storage member and with an adjusting device. At least one adjusting element of the adjusting device acts on the brake body, the adjusting element being actuated by a braking signal. The braking signal is adjusted by a yarn tensioning unit to a reference value for regulating the yarn tension. Measured values of the yarn tension are determined by a voltage measuring unit and each minimizes a difference between a measured value and the reference value becomes. In order to determine the zero point of the voltage measuring unit, a brake relief with at least one relief cycle is performed by a determining unit of the thread tension unit with the thread stationary at which the brake body is completely relieved and changed back to the initial value. An offset value of a measuring device of the voltage measuring unit, which is measured at the value of the brake signal during the last relief cycle, is used for determining the zero point.

IPC 8 full level
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