Title (en)
METHOD TO CONTROL FEEDING A YARN AND YARN FEEDER

Title (de)
VERFAHREN ZUR STEUERUNG DES ZUFÜHRENS EINES FADENS UND FADENZUFÜHRER

Title (fr)
PROCÉDÉ POUR COMMANDER L'ALIMENTATION D'UN FIL ET DISPOSITIF D'ALIMENTATION EN FIL

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Abstract (en)
[origin: WO2015188883A1] The invention concerns a method and yarn feeder (1) for controlling feeding a yarn (2) from the yarn feeder (1) to a textile machine (4). The yarn (2) is delivered from a yarn delivering wheel (7) of the yarn feeder (1) which is driven by driving means. A yarn tension is measured by a tension sensor (10) which is arranged between the yarn delivering wheel (7) and the textile machine (4). The yarn tension is controlled by a control device (20) controlling the driving means depending on the measured tension and a reference tension. A new value T(B) of a zero offset of the yarn tension is determine wherein the yarn (2) is present at the yarn sensor (10). The determination of the new value T(B) of zero offset is executed in a stop situation at the beginning of a start-up procedure. At first, a potential new value T *(B) of the zero offset is determined and then, the new value T(B) of the zero offset is verified by analysing the measured values during slowly moving back the yarn delivering wheel (7).

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