

Title (en)
METHOD AND YARN FEEDER SYSTEM FOR OPTIMISING YARN FEED TO A TEXTILE MACHINE OPERATING HIGHLY DISCONTINUOUSLY OR WITH ALTERNATING MOTION

Title (de)
VERFAHREN UND FADENZUFÜHRUNGSSYSTEM ZUR OPTIMIERUNG DER FADENZUFÜHRUNG ZU EINER HOCHDISKONTINUIERLICH ODER MIT WECHSELNDER BEWEGUNG FUNKTIONIERENDEN TEXTILMASCHINE

Title (fr)
PROCÉDÉ ET SYSTÈME D'ALIMENTATION EN FIL D'OPTIMISATION DE L'ALIMENTATION EN FIL D'UNE MACHINE TEXTILE FONCTIONNANT DE MANIÈRE TRÈS DISCONTINUE OU À MOUVEMENT ALTERNATIF

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Application
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Abstract (en)
[origin: WO2019155346A1] A method and a system according to the invention comprise the use of a device (2) for feeding yarn (F) to a textile machine (T), operating discontinuously or with alternating motion, and a device (1) compensating for changes in the conditions for feeding or taking up the yarn (F) by the textile machine (T), said compensator device (1) including a movable compensating means (13) that performs this compensation to maintain a constant tension in the yarn (F) even when the aforementioned change in the conditions for feeding or taking up the yarn occurs, said compensating means (13) being rigid and connected to an electric actuator, a control unit of this actuator being capable of detecting displacement of said compensating means (13) from a predetermined resting position when there is a change in take-up or feeding of the yarn and being capable of returning said compensating means (13) to the resting position after such a change. Provision is made for continuously detecting the yarn tension and operating the electric actuator to maintain this tension at a constant value.

IPC 8 full level
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