

Title (en)

METHOD FOR CONTROLLING THE SPEED OF A THREAD FEEDING DEVICE IN A RAPIER LOOM OR PROJECTING WEAVING MACHINE AND THREAD PROCESSING SYSTEM

Title (de)

VERFAHREN ZUR GESCHWINDIGKEITSSTEUERUNG EINES FADENLIEFERGERÄTS EINER GREIFER- ODER PROJEKTILWEBMASCHINE UND FADENVERARBEITENDES SYSTEM

Title (fr)

PROCEDE POUR MODULER LA VITESSE D'UN DISPOSITIF D'AMENEE DE FIL SUR UN METIER A TISSER A PINCE OU A PROJECTILE ET SYSTEME DE TRAITEMENT DU FIL

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Application

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Abstract (en)

[origin: DE10103342A1] The invention relates to a method for controlling the drive speed of a thread feeding device supplying a channel in a rapier loom or projecting weaving machine. According to the inventive device, the data on a future working phase of the weaving machine is transmitted in said channel by the main control unit to the weaving machine to a speed control unit of the thread feeding device in addition to signal data from an individual thread sensor and speed data of the drive motor. Said data makes it possible to calculate the amount of thread necessary for the working phase in said channel and the drive speed of the drive motor is deduced from the calculated amount of thread and correspondingly adjusted.

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