

Title (en)

CONTROLLABLE OUTPUT BRAKE, THREAD FEED DEVICE AS WELL AS PROJECTILE OR GRIPPER WEAVING MACHINE

Title (de)

STUERBARE AUSLAUFBREMSSE, FADENLIEFERVORRICHTUNG SOWIE PROJEKTIL- ODER GREIFERWEBMASCHINE

Title (fr)

FREIN DE FIL, SYSTEME D'ALIMENTATION EN FIL ET METIER A TISSER A NAVETTES A PINCE OU A PROJECTILE

Publication

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Application

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Priority

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Abstract (en)

[origin: US5778943A] PCT No. PCT/EP95/00284 Sec. 371 Date Jul. 25, 1996 Sec. 102(e) Date Jul. 25, 1996 PCT Filed Jan. 26, 1995 PCT Pub. No. WO95/20700 PCT Pub. Date Aug. 3, 1995A controllable output brake for a thread feed device includes actuating elements that are connected to a control member and are used for effecting a controlled displacement of a thread brake element. The controlled displacement is an axial play with which a supporting ring for the thread brake element is supported in a holding member. The controlled displacement is used for controlling the tension of a thread. In the case of such a thread feed device, a push drive connected to the holding member is provided for each direction of movement in which the thread brake element is adjusted. The push drive for at least one direction of movement is a pneumatic push drive connected to a pneumatic drive control unit. In a projectile weaving machine, the controlled output brake is disengaged and re-engaged approximately in synchronism with a controlled thread brake which is provided as well. The engagement is preferably carried out in advance of the engagement of the controlled thread brake. In a gripper weaving machine, the controlled output brake is disengaged and re-engaged several times during each picking operation.

IPC 1-7

D03D 47/34; **B65H 59/22**

IPC 8 full level

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