

Title (en)

CONTROLLABLE YARN BRAKE, YARN FEED DEVICE AND 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

EP 0741808 A1 19961113 (DE)

Application

EP 95907619 A 19950126

Priority

- EP 9500284 W 19950126
- SE 9400248 A 19940126

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

B65H 51/22 (2006.01); **B65H 51/30** (2006.01); **B65H 59/20** (2006.01); **B65H 59/22** (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP KR US)

D03D 47/24 (2013.01 - KR); **D03D 47/365** (2013.01 - EP US); **D03D 47/366** (2013.01 - EP US)

Citation (search report)

See references of WO 9520700A2

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

US 5778943 A 19980714; CN 1040676 C 19981111; CN 1139963 A 19970108; CZ 218396 A3 19970115; CZ 288320 B6 20010516; DE 59508564 D1 20000817; EP 0741808 A1 19961113; EP 0741808 B1 20000712; ES 2149967 T3 20001116; JP H09508182 A 19970819; KR 100371989 B1 20030319; KR 970700794 A 19970212; RU 2135657 C1 19990827; SE 9400248 D0 19940126; WO 9520700 A2 19950803; WO 9520700 A3 19950914

DOCDB simple family (application)

US 68275296 A 19960725; CN 95191388 A 19950126; CZ 218396 A 19950126; DE 59508564 T 19950126; EP 9500284 W 19950126; EP 95907619 A 19950126; ES 95907619 T 19950126; JP 51989095 A 19950126; KR 19960704131 A 19960726; RU 96117112 A 19950126; SE 9400248 A 19940126