

Title (en)

PROJECTILE OR GRIPPER SHUTTLE LOOM AND DELIVERY UNIT

Title (de)

PROJEKTIL- ODER GREIFERSCHÜTZEN-WEBMASCHINE UND LIEFERGERÄT

Title (fr)

METIER A TISSER A PROJECTILES OU A NAVETTES A PINCE ET APPAREILLAGE D'ALIMENTATION

Publication

EP 0719354 B1 19980401 (DE)

Application

EP 94927610 A 19940913

Priority

- EP 9403059 W 19940913
- SE 9303084 A 19930915
- SE 9303266 A 19931004

Abstract (en)

[origin: US5769132A] PCT No. PCT/EP94/03059 Sec. 371 Date May 13, 1996 Sec. 102(e) Date May 13, 1996 PCT Filed Sep. 13, 1994 PCT Pub. No. WO95/08013 PCT Pub. Date Mar. 23, 1995A projectile or gripper shuttle loom includes a weft-yarn delivery device with an overend-unwinding delivery unit that has a stationary, brakeless drum, a withdrawal eye arranged coaxially downstream of the drum and a yarn brake controlled in accordance with the loom cycle. The thread path is enclosed by at least one hollow body extending from the circumferential face of the drum to the withdrawal eye at least in one axially limited segment. The hollow body has on its inner side coaxial to the drum axis a plurality of ballooning, disturbing and braking elements which protrude inwards without touching the drum while forming projections and deposit surfaces for the weft yarn.

IPC 1-7

D03D 47/34; **B65H 51/22**

IPC 8 full level

B65H 51/22 (2006.01); **B65H 57/22** (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP US)

B65H 57/22 (2013.01 - EP US); **D03D 47/34** (2013.01 - EP US); **D03D 47/364** (2013.01 - EP US); **D03D 47/366** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

EP2169099A1

Designated contracting state (EPC)

BE CH DE IT LI SE

DOCDB simple family (publication)

US 5769132 A 19980623; CN 1040349 C 19981021; CN 1133073 A 19961009; DE 59405602 D1 19980507; EP 0719354 A1 19960703; EP 0719354 B1 19980401; SE 9303266 D0 19931004; SE 9303266 L 19950316; WO 9508013 A1 19950323

DOCDB simple family (application)

US 61530496 A 19960513; CN 94193802 A 19940913; DE 59405602 T 19940913; EP 9403059 W 19940913; EP 94927610 A 19940913; SE 9303266 A 19931004