

Title (en)

Weft feeder for fluid jet looms.

Title (de)

Schussfadenzubringer für Düsenwebmaschinen.

Title (fr)

Fournisseur de trame pour métiers à jet de fluide.

Publication

**EP 0436197 B1 19950329 (EN)**

Application

**EP 90125045 A 19901220**

Priority

- IT 2056290 U 19900205
- IT 2232689 U 19891229

Abstract (en)

[origin: EP0436197A2] In a measuring weft feeder for fluid jet looms - equipped with an electromagnetic yarn stopping device comprising at least one electromagnetic coil and a movable core of ferromagnetic material subject to the contrasting actions of said coil and of a return spring, so as to move a rod, engaging and stopping the yarn at the outlet of the weft feeder, between a withdrawn rest position and a projecting yarn stopping position in which the end of the rod is positioned into a cavity formed for the purpose on the drum periphery, close to its free end - the movable core of the yarn stopping device is formed of a substantially cylindrical hollow head of ferromagnetic material and of a cylindrical rod of ceramic material axially positioned into the hollow of the head, and the outer surface of the rod and the inner surface of the hollow head are provided with grooves along their directrices, while the remaining hollow part between the head and the rod is filled with plastic material which is pressure injected to block the rod into the head. According to the invention, the walls of the drum cavity housing the end of the rod of the yarn stopping device - which are positioned according to the generating lines of the drum - are inclined so as to open outwardly wide apart. <IMAGE>

IPC 1-7

**D03D 47/36**

IPC 8 full level

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

CPC (source: EP KR)

**D03D 47/34** (2013.01 - KR); **D03D 47/36** (2013.01 - KR); **D03D 47/363** (2013.01 - EP)

Cited by

US5918646A; EP0581745A1; CN114229162A; EP0699790A1; US5590693A; EP2169099A1; CN106283372A; WO2005100658A1; WO9619605A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0436197 A2 19910710**; **EP 0436197 A3 19920513**; **EP 0436197 B1 19950329**; CS 694490 A3 19920318; CZ 281551 B6 19961113; DE 69018228 D1 19950504; DE 69018228 T2 19950831; JP 2828783 B2 19981125; JP H0718543 A 19950120; KR 0139908 B1 19980701; KR 910012412 A 19910807

DOCDB simple family (application)

**EP 90125045 A 19901220**; CS 694490 A 19901229; DE 69018228 T 19901220; JP 41808190 A 19901228; KR 900022247 A 19901228