

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and of a return spring, so as to move a rod, engaging and stopping the yarn at the outlet of the weft feeder, between a withdrawn rest position and a projecting yarn stopping position in which the end of the rod is positioned into a cavity formed for the purpose on the drum periphery,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>

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D03D 47/36

IPC 8 full level

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CPC (source: EP KR)

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Cited by

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