

Title (en)

Weft feeder for weaving looms with a device for measuring the weft reserve

Title (de)

Schussfaden-Liefergerät für Webmaschinen mit einer Vorrichtung für das Messen der Schussfadenreservewindungen

Title (fr)

Fournisseur de trame pour les métiers à tisser avec un dispositif pour mesurer des fils de réserve

Publication

EP 1577246 B1 20070627 (EN)

Application

EP 05002742 A 20050210

Priority

IT TO20040176 A 20040317

Abstract (en)

[origin: EP1577246A1] The feeder comprises a stationary cylinder (12) supporting a plurality of yarn loops (RT) wound helically along its outer skirt. A finger (28) with a magnet (38) incorporated therein is mounted in an elastically yielding way along the skirt of the cylinder under the pressure of the yarn wound on the cylinder, to be biased from a first position projecting outside the skirt, to a second, inner position, and vice versa. A sensor (40) is supported in front of the magnet (38) in a stationary position relative to the cylinder to generate an output signal (U) proportional to the distance between the magnet and the sensor.

IPC 8 full level

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

CPC (source: EP)

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