

Title (en)
THREAD STORAGE AND DELIVERY DEVICE.

Title (de)
FADENSPEICHER- UND -LIEFERVORRICHTUNG.

Title (fr)
DISPOSITIF DE STOCKAGE ET DE LIVRAISON DU FIL.

Publication
EP 0438439 B1 19940126 (DE)

Application
EP 89911057 A 19891005

Priority
DE 3834055 A 19881006

Abstract (en)
[origin: WO9004057A1] A thread storage and delivery device for textile machines, in particular for the woof thread of a mechanical loom for weaving in many colours, has a device for limiting the length of measured sections of the thread drawn, a drum-shaped storage element for a stock of wound thread, from which the thread can be drawn over one end of the drum, and at least one stop element axially spaced from the last winding of the stock of thread. The stop element can be moved from a passive position, in which the thread is unwound and drawn past the stop element, to a stopping position, in which the thread under tension is held by the stop element during a pause until the stop element is moved back to the passive position. The axial gap between the last winding (11') of the stock of thread (S) and the stop element (13) can be set on a maximum value (Amax), depending on the quality of the thread, which prevents the thread from axially wandering during the pause at least in the last winding (11') and in the thread section (12) that extends between the last winding of the stock of thread and the stop element (13).

IPC 1-7
D03D 47/36

IPC 8 full level
B65H 51/22 (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP KR US)
D03D 47/36 (2013.01 - KR); **D03D 47/363** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
DE 3834055 C1 19891228; CS 8905645 A2 19910813; CZ 278713 B6 19940518; DE 58906848 D1 19940310; EP 0438439 A1 19910731; EP 0438439 B1 19940126; JP 2961376 B2 19991012; JP H04501142 A 19920227; KR 900702103 A 19901205; KR 970007689 B1 19970515; US 5170822 A 19921215; WO 9004057 A1 19900419

DOCDB simple family (application)
DE 3834055 A 19881006; CS 564589 A 19891004; DE 58906848 T 19891005; EP 8901165 W 19891005; EP 89911057 A 19891005; JP 51041289 A 19891005; KR 900701206 A 19900607; US 67437191 A 19910603