

Title (en)

YARN STORAGE AND DELIVERY DEVICE FOR TEXTILE MACHINES, IN PARTICULAR KNITTING MACHINES

Publication

EP 0310820 B1 19911211 (DE)

Application

EP 88114653 A 19880908

Priority

DE 3733797 A 19871007

Abstract (en)

[origin: EP0310820A2] The yarn storage and delivery device has, on the yarn entry side, a combined yarn-braking and knot-monitoring device (21) consisting of two rollers (25, 26) which interact with one another and of which one (25), via which the yarn (20) is deflected, is mounted freely on an immovable axle, whilst the other roller (26) is mounted on a pivoting arm (29), on which acts a spring (33) determining the braking force and adjustable via a set screw (31) and the pivoting range of which is determined by an adjustable stop (32.1) which determines the size of the knot-monitoring gap (34) between the two rollers (25, 26). The device (21) is arranged directly behind a yarn guide member (22), to which the yarn (20) is fed by a yarn guide tube (24). <IMAGE>

IPC 1-7

B65H 59/16; **B65H 63/06**; **D04B 15/48**

IPC 8 full level

D04B 15/48 (2006.01); **B65H 59/16** (2006.01); **B65H 63/06** (2006.01); **D04B 15/44** (2006.01); **D04B 35/10** (2006.01)

CPC (source: EP US)

B65H 59/16 (2013.01 - EP US); **B65H 63/061** (2013.01 - EP US); **D04B 15/44** (2013.01 - EP US); **D04B 15/48** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

DE3924883A1

Designated contracting state (EPC)

CH ES GB IT LI SE

DOCDB simple family (publication)

EP 0310820 A2 19890412; **EP 0310820 A3 19890510**; **EP 0310820 B1 19911211**; DD 282894 A5 19900926; DE 3733797 C1 19890406; ES 2028966 T3 19920716; JP H01221553 A 19890905; JP H0223620 B2 19900524; SU 1738091 A3 19920530; TR 23510 A 19900214; US 4898337 A 19900206

DOCDB simple family (application)

EP 88114653 A 19880908; DD 32049788 A 19881005; DE 3733797 A 19871007; ES 88114653 T 19880908; JP 25103688 A 19881006; SU 4356585 A 19880930; TR 70088 A 19881005; US 24480788 A 19880914