Title (en)

Yarn feeder with improved yarn path

Title (de)

Fadenliefergerät mit verbessertem Fadenlauf

Title (fr)

Fournisseur de fil avec une voie de fil ameliorée

Publication

EP 0943571 A3 20000112 (DE)

Application

EP 99103639 A 19990225

Priority

DE 19811240 A 19980314

Abstract (en)

[origin: EP0943571A2] The thread delivery wheel (6) is rotatably located around a rotary axis (7) and is arranged in a thread running path so that a thread is wound around it. A motor (9) drives the thread running wheel and the thread running path in connection with the thread delivery wheel is fixed at an acute angle different from zero to a plane (41) on which the rotary axis (7) stands vertically. The thread feed devices (25,6,22,26) contain a guide device (22), which feeds the thread exclusively in a first cross direction and is formed as a pin, over which the thread runs freely movably in the pin longitudinal direction. The thread locates on the guide device at an obtuse angle greater than 130 degrees.

IPC 1-7

B65H 51/22

IPC 8 full level

B65H 49/00 (2006.01); **B65H 51/22** (2006.01); **D04B 15/48** (2006.01); **D04B 15/50** (2006.01); **D04B 15/52** (2006.01)

CPC (source: EP KR US)

B65H 51/22 (2013.01 - KR); **D04B 15/52** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0943571 A2 19990922; **EP 0943571 A3 20000112**; **EP 0943571 B1 20040609**; BR 9901004 A 20000308; CA 2265382 A1 19990914; CA 2265382 C 20041109; CN 1238297 A 19991215; CO 4810243 A1 19990630; DE 19811240 A1 19990930; DE 19811240 C2 20000531; DE 59909667 D1 20040715; ES 2218889 T3 20041116; ID 22179 A 19990916; IL 128885 A0 20000131; IL 128885 A 20030529; JP 3133298 B2 20010205; JP H11292393 A 19991026; KR 19990077813 A 19991025; RU 2162816 C2 20010210; TR 199900565 A2 19991021; TR 199900565 A3 19991021; TW 473452 B 20020121; US 6131842 A 20001017; UY 25424 A1 19990719

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