

Title (en)

RING SPINNING DOUBLING AND TWISTED FRAMES WITH SWITCHED RELUCTANCE DRIVE SPINDLE MOTOR

Publication

EP 0389118 A3 19910502 (EN)

Application

EP 90302059 A 19900227

Priority

GB 8906712 A 19890323

Abstract (en)

[origin: EP0389118A2] A textile machine of the ring spinning type, the ring doubling type or the ring twisting type including a switched reluctance drive motor (18) to drive a spindle (10) onto which a package former (20) for winding yarn (22) is placed. Delivery rollers (24) are provided for feeding yarn (22) to a ring (30) and traveller assembly. At least one control unit (16) is provided for controlling the speed of the motor (18), and the delivery rollers (24), and the axial movement (26) of the ring (30). An annular member (12) is also provided for transferring the feed of yarn from the package former (20) to the annular member (12) once it has been determined that the package former (20) is full and requires replacement. Completely automatic piecing, and automatic doffing of a loaded package former (20), can be provided.

IPC 1-7

D01H 1/244; **D01H 1/34**; **D01H 15/00**

IPC 8 full level

D01H 1/244 (2006.01); **D01H 1/26** (2006.01); **D01H 1/34** (2006.01); **D01H 9/14** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)

D01H 1/244 (2013.01); **D01H 1/34** (2013.01); **D01H 15/00** (2013.01)

Citation (search report)

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- DE 3822420 A1 19900104 - SKF TEXTILMASCH KOMPONENTEN [DE]
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EP0999298A3; EP1764428A3; EP0480357A1; EP0675216A1; EP0709155A1

Designated contracting state (EPC)

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