

Title (en)

Ring spinning doubling and twisted frames with switched reluctance drive spindle motor.

Title (de)

Ringspinnmaschinen, Fachspulmaschinen und Ringzwirnmaschinen mit einem Reluktanzmotor zum Antrieb der Spindel.

Title (fr)

Métiers à filer à anneaux, doubleuses à anneaux et métiers à retordre à anneaux avec moteur à reluctance pour entraîner la broche.

Publication

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Application

EP 90302059 A 19900227

Priority

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Abstract (en)

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.

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IPC 8 full level

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CPC (source: EP)

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