

Title (en)

Procedure and device for automation of the creel feed of a spinning or twisting machine.

Title (de)

Verfahren und Einrichtung zur Automatisierung der Gatterbeschickung für Spinn- bzw. Zwirnmaschinen.

Title (fr)

Procédé et dispositif pour l'automatisation de l'alimentation du cantre pour métier à filer et à retordre.

Publication

EP 0672768 A2 19950920 (DE)

Application

EP 95105597 A 19911101

Priority

- CH 349590 A 19901102
- CH 379590 A 19901130
- CH 411390 A 19901221
- EP 91918524 A 19911101

Abstract (en)

To change the bobbins in the creel of a twin-sided textile machine, where each operating row such as at the spinning stations of a ring spinner assembly has at least one inner and one outer row of supply bobbins, the doffer moves along the longitudinal line of the machine assembly against a stationary transport system, to exchange the bobbins between creel and transport line. The doffer moves along the line of the machine assembly after a bobbin has been taken from the creel and before a fresh bobbin is inserted into the creel. At the outer and inner rows of bobbins, the bobbin at the inner row can be held in a position for handling near the doffer, and only one such position is available for each pair of bobbins to cover one bobbin of the inner row and one bobbin of the outer row. The unit operates with a prepositioned bobbin transport, and has a suction system to extract any residual matter from a bobbin or the unit itself.

Abstract (de)

Ein Verfahren und eine Vorrichtung zum Spulenaustausch im Gatter einer doppelseitigen Textilmaschine, wobei zwischen einem stationären Transportmittel (38) und dem Gatter (30) in Längsrichtung der Maschine Bewegungen eines Spulenwechselgerätes (52) gegenüber dem Transportmittel (38) durchgeführt werden. Dadurch ergibt sich ein einfacher Aufbau des Spulenwechselgeräts (52). <IMAGE>

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