

Title (en)

Spinning machine and method for transferring a yarn to a piecing device

Title (de)

Spinnmaschine und Verfahren zum Übergeben eines Garnes an eine Anspinnvorrichtung

Title (fr)

Métier à filer et procédé de transfert d'un fil à un dispositif de rattaché

Publication

EP 2918534 B1 20180523 (DE)

Application

EP 15157689 A 20150305

Priority

DE 102014103193 A 20140311

Abstract (en)

[origin: CN104911755A] The present invention provides a method for transmitting yarn (5) produced by a spinning position (1) of a spinner to a piecing device so as to restart to spin. In order to wind yarn (5) on a coil (18), a coiler device is arranged at the back of the spinning position (1), the coiler device having a traverse yarn tension controller and being targeted to interrupt a productive process of yarn to control closure of the spinning position (1). The end (10) of the yarn (5) is located at the designated spot of a yarn path at the front of the coiler device (8) after closing the spinning position. Prior to restarting spinning, the yarn (5) is subject to debatching and unwinding from the coil (18) along the direction opposite to the conventional output direction, and prior to unwinding, the yarn (5) is taken out from a yarn guide (23), unwinding process of the yarn (5) being initiated, with the aid of the operating control of the spinning machine, especially a yarn tension controller (17). The spinning machine comprises at least one spinning position (1) for producing the yarn (5) including at least one coiler device (8) for winding the yarn onto the coil (18), the coiler device (8) including a traverse guide (23) with a control unit for controlling closing the spinning position (1) and the piecing device for restarting to spin the yarn (5), and the spinning position, (1) provided with an operating control of the spinning machine, controls to close the spinning position (1) so as to take out the yarn (5) from the traverse guide (23) and transmit to the piecing device.

IPC 8 full level

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Cited by

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DOCDB simple family (publication)

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