

Title (en)

METHOD AND APPARATUS FOR SWITCHING ROVING BOBBINS IN A SPINNING FRAME

Publication

EP 0124662 B1 19871119 (EN)

Application

EP 83302489 A 19830503

Priority

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Abstract (en)

[origin: EP0124662A1] A method and apparatus for switching the relative position between roving bobbins held by bobbin hangers of a front row and the roving bobbins held by the rear row in a spinning frame. The roving bobbin exchange operation is carried out as successive unit operations from one-end-said of the spinning frame to the other end-side thereof. In each unit operation, first the axial distance (ab) between a bobbin hanger of the front row (15B) and a bobbin hanger of the rear row (15c), which are positioned adjacently in the lengthwise direction of the spinning frame, is reduced to a predetermined distance, (cd) then the relative position of those two bobbin hangers is reversely changed while maintaining the reduced axial distance. Thereafter, the axial distance between those two bobbin hangers is returned to the initial condition for carrying out the spinning operation The roving bobbin exchange operation can be carried out during the normal spinning operation, when the roving bobbins held by either one of the bobbin hangers of the front row and the rear row become substantially exhausted.

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