

Title (en)

A method for continuous spinning of staple fibres and an apparatus for carrying out said method

Title (de)

Verfahren zum kontinuierlichen Spinnen von Stapelfasern und Vorrichtung zur Durchführ des Verfahrens

Title (fr)

Procédé pour la filature continue de fibres discontinues et dispositif pour la mise en oeuvre de ce procédé

Publication

EP 0496114 B1 19960626 (EN)

Application

EP 91122261 A 19911227

Priority

CS 15091 A 19910124

Abstract (en)

[origin: EP0496114A2] The method includes a step of drawing the sliver to the form of a drawn roving having the yarn fineness and strengthened by a twist, a step of centrally guiding the yarn being produced by a guide means before its entry on the rotating working surface for guiding the yarn by the effect of centrifugal forces to a traveller arranged at its edge and carried by the working surface, by which the yarn is guided during its transport out of contact with the working surface for being wound on the rotating spool, the axial position of which with respect to the edge of the working surface is changing during the winding-up, wherein the yarn circles during the guiding along the working surface of a single rotating carrier the rotating spool with the wound-up yarn with a higher frequency. The apparatus comprises a drawing device (1), an guiding eyelet (2) arranged centrally on the axis of the spindle, a rotating carrier of the working surface (5) surrounding the spindle (19) and carrying at the edge of the surface a traveller (12), a device for setting the mutual axial position of the edge of the working surface and of the tube (22) mounted on the rotating spindle, wherein the rotational movement of carrier (6) of the working surface (5), is coupled with the rotational movement of the spindle so as to have a higher angular speed of rotation. <IMAGE>

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