

Title (en)

Method and apparatus for preparing a roving for further textile working

Title (de)

Verfahren und Vorrichtung zum Vorbereiten eines Vorgarnes zur Weiterverarbeitung in einer Textilmaschine

Title (fr)

Procédé et dispositif pour préparer un ruban de fibres pour transformation ultérieure

Publication

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Application

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Priority

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Abstract (en)

The method for preparing a rove (1) with untwisted fiber for further textile working, in particular knitting or weaving, provides winding the rove (1) with untwisted fiber directly on a cone (2). The steps are provided of: arranging a beam (3) having a plurality of hanks (4) of rove (1) on a tangentially dragging roller (6) that rotates at a predetermined speed; arranging a plurality of cones (2), in a same number as the hanks (4), on idle supports (10) and arranging an end of rove (1) on each cone (2); tangentially dragging (11,12) the cones (2) on the idle supports (10), for cross winding the rove (1) on them, at a speed substantially the same as the dragging speed of the beam (3), whereby each rove (1) proceeds from the beam (3) to the respective cone (2) without being stretched. The rove (2) can be easily drawn directly from a cone (2) for further textile working, for example knitting or weaving, treating, sewing, etc. <IMAGE>

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- [XY] GB 2140834 A 19841205 - QUINNEN MICHAEL
- [Y] US 1685390 A 19280925 - ABBOTT EDWARD J
- [X] DE 19801259 A1 19990722 - HACOPA TEXTILMASCHINEN [DE]
- [XA] EP 0427032 A2 19910515 - CERIT SPA [IT]
- [A] GB 428465 A 19350513 - BRITISH CELANESE, et al
- [A] US 2563642 A 19510807 - EUGENE COLOMBU, et al
- [X] DE 2952400 A1 19810702 - BARMAG BARMER MASCHF [DE]
- [A] DE 2937600 A1 19810402 - BARMAG BARMER MASCHF
- [X] GB 442650 A 19360212 - ANDRES SOLDEVILA
- [A] EP 0607945 A1 19940727 - FAGGIO ENRICO [IT]
- [A] US 3348783 A 19671024 - MACKIE JOHN K P

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