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(54) Fibre condensing device for spinning machines

(57) The device comprises, at the outlet of the final pair of rollers (4) of a spinning machine draw-frame, a tubular element (20) which is parallel to the axis of said rollers (4), is connected to a source of vacuum, and is provided with multiple transverse grooves (7), on which there runs a band (9) provided with small perforations for receiving, in turn, through its face remote from said tube, the sliver (5) leaving the draw-frame, and performing the transverse condensing of said sliver (5) as it adapts to the empty grooves (7) through the perforated band (9), the tubular element (20) having a gently curved structure in the adaptation region of the perforated band (9), and is characterised in that it comprises a drive cylinder (13) inside the perforated band (9), which receives a tangential upper roller (14), which has resilient characteristics and of which the drive cylinder (13) is actuated by a longitudinal shaft common to the various drawing units of the machine.

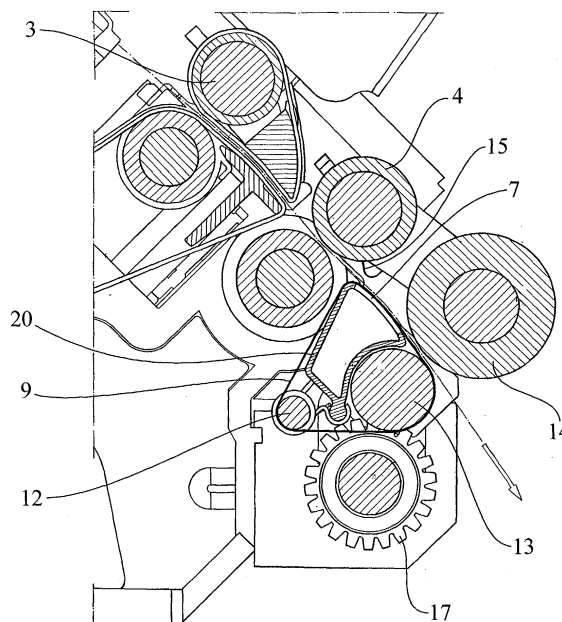


FIG. 3

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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 July 2005	Examiner Henningsen, O
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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