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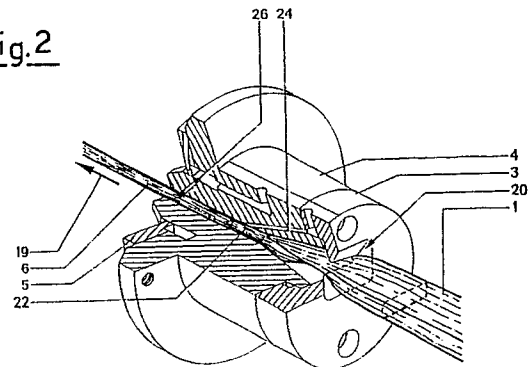
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(54) **Device for obtaining the roving in a finisher.**

(57) This invention relates to a device for compacting a bundle of fibres into a roving at the delivery side of the drafting assembly (10) of a finisher, wherein said device comprises in its front part a condensing slot (20) for the bundle of fibres and said slot ends with a semi-circular profile, from which extends a spindle (22), around which the bundle of fibres winds and wraps itself so that it assumes a substantially circular shape. In the slide duct (28) for the bundle of fibres, immediately following the said spindle around which the fibres wind, there are provided two or more nozzles (24) which inject air into the slide duct (28) for the fibres in a very sloping direction in the feed direction of the ring of fibres and in the tangential direction with respect to the axis of the said slide duct, thereby substantially effecting the axial feed of the said ring of fibres.

In the end part of the slide duct (28) for the bundle of fibres, following the said nozzles (24), there are two or more nozzles (26) which inject air in a slightly sloping direction in the feed direction of the roving of fibres and in the substantially radial direction with respect to the axis of the said slide duct in order to compact the ring of fibres into a roving suitable for being supplied to the cop (18) being formed, on to which it is wound.

Fig.2





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EUROPEAN SEARCH REPORT

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EP 90 20 2539

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	CH-A-3 868 92 (L. M. KEELER) * page 4, line 80 - page 4, line 86; figures 8,11 * -- --	1	D 01 H 5/72 D 01 G 15/46
Y,A	FR-A-2 598 723 (SPINNEREIMASCHINENFABRIK SEYDEL AND CO. GMBH) * page 9, line 11 - line 28 ** page 10, line 17 - line 30 @ figures 1-5 * -- --	1,1,3-4	
A,A	GB-A-2 059 474 (SOCIETE ALSCIENNE DE CONSTRUCTIONS MECHANQUES DE MULHOUSE) * the whole document * -- --	1,3-4,1,3-4	
A	FR-A-2 597 119 (ZINZER TEXTILMASCHINEN GMBH) -- --		
A	EP-A-0 261 330 (HOLLINGSWORTH GMBH) -- -- -- --		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) D 01 H D 01 G
Place of search The Hague		Date of completion of search 04 June 91	Examiner FAIRBANKS S.A.
<div><div>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</div><div>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</div></div>			