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(54) **Friction-based supply set for textile thread**

(57) In a supply set for drawing textile threads by means of friction, whereby said set is composed of two like formally meshing gearwheels, said n teeth, which are shaped with a profile that ensures that the pairs of meshing teeth form a V-shaped groove that is open toward the circumferences of said wheels, have projections such that the groove is able to hold within itself, tangentially to said projections, a textile thread, drawing it by friction under the action of the rotation of the wheels, characterized in that on said teeth (3) of each wheel are mounted or made projections (3c, 3d) that extend axially at different predetermined heights (h_1 , h_2) and are able to mate with an equal number of recesses (4) made in the opposing wheel; said recesses have depths (p_1 , p_2) of $0 \geq$ and are complementary to said heights, such that, by completing a relative rotation between wheels (1, 1'), one or more axial distances are obtained between the different wheels.

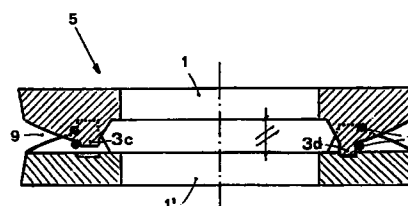
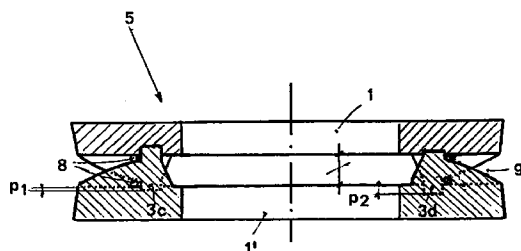


FIG. 5

FIG. 4



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EUROPEAN SEARCH REPORT

Application Number
EP 96 20 0130

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.6)
A	DE 20 54 151 A (SAURER ALLMA) * page 4, line 7 - page 7, line 14; figures *	1	B65H51/06 B65H51/10
A	DE 30 28 316 A (MURATA KIKAI) * page 11, line 4 - line 19; figures *	1	
A	CH 563 937 A (BONAS MACHINE) * column 1, line 33 - column 2, line 20; figures *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B65H D02J
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 21 May 1997	Examiner Fuchs, H
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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