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54 Thread texturising nozzle.

57 A texturising nozzle for synthetic filaments is openable and closable to facilitate lacing up. The nozzle comprises a two-part carrier structure with the parts (10) (12) movable towards and away from each other to open and close the nozzle. The thread path through the nozzle is defined by means of insert elements releasably mounted on the carrier structure at least in that region of the path in which the main texturising step is performed. A thread infeed passage (24) and a (preferably single) fluid infeed passage (32) bring thread and treatment fluid together at a junction location (36), and a guide passage (26) (which preferably widens in the downstream direction) leads the thread and fluid from the junction location to the texturising region (28).

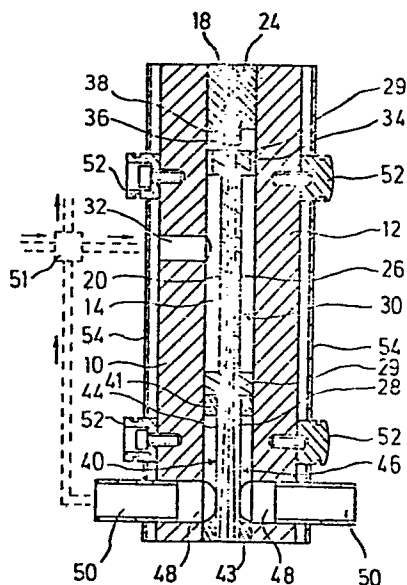


Fig. 3



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
DA	GB - A - 872 234 (CANADIAN CELANESE) * Claim 1; figure 4; page 2, lines 72-77 * --	1,2	D 02 G 1/16
DA	US - A - 4 100 659 (BASF) * Claim 1, column 2, lines 8-19, 22-31; figure 1; column 4, lines 11-30 * --	1,2,20,25,28	
DA	US - A - 3 714 686 (BASF) * Claim 5, figures 1,2; column 5, lines 43-52 * --	1,2,20,25,27	TECHNICAL FIELDS SEARCHED (Int. Cl.3)
DA	US - A - 2 938 257 (AMERICAN VISCOSE) * Claims 4,5,6; figures 1,3; column 2, line 47 - column 3, line 24 * --	1,2,19,31	D 02 G 1/16 1/12
DA	US - A - 3 286 321 (KODAK) * Column 1, lines 49-55; column 12, lines 28-39 * --	3	
A	US - A - 3 956 807 (KODAK) * Claim 5, figure 1; column 3, lines 30-55 * ----	15-18	CATEGORY OF CITED DOCUMENTS
☒ The present search report has been drawn up for all claims			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
Place of search		Date of completion of the search	Examiner
The Hague		01-12-1981	CATTOIRE