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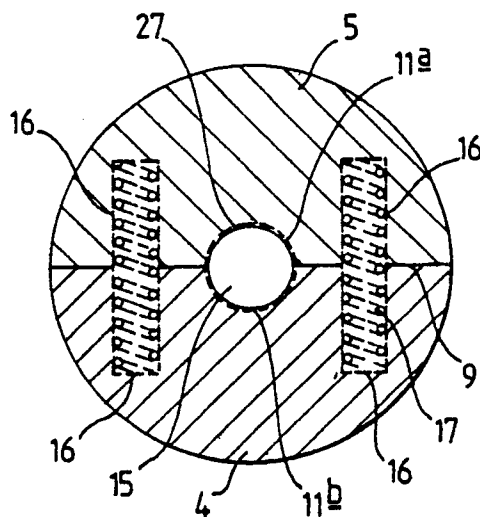
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54 **Producing a thread on a tube.**

57 "A method of and apparatus for producing a formation such as a screw thread (27) on a tube (2) comprising the steps of forcing a surface of the tube such as by a mandrel (18) against a pattern member

(4, 5) having a pattern thereon so as to displace the material of the tube (2) into the pattern to form the formation on the surface of the tube."

FIG 1





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.4)
X	US-A-638962 (FRANK) * the whole document *	1-4, 8, 10, 11, 19	B21K1/56 B21C37/20
Y		9	
A		7, 20	
Y	EP-A-0187623 (KELLNER) * page 8, line 1 - page 8, line 9 *	9	
A	* page 8, line 21 - page 8, line 32; figures 1, 2 *	5-7, 13-18, 20	
X	US-A-2862215 (GROSS) * column 3, line 6 - column 3, line 10 *	1, 2, 10, 11, 13	
A	* column 3, line 17 - column 3, line 19; claim 1 *	5, 8	
X	FR-A-1187602 (MAHIEUX) * page 1, right-hand column, line 4 - page 1, right-hand column, line 9; figures *	1, 2, 10, 11, 13	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A		14-16	B21K B21C B21J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 SEPTEMBER 1990	Examiner BARROW J.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			