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54 Jointing flexible fibrous strands.

57 A method of jointing flexible fibrous strands, the method includes the steps of:
 placing on the ends 3, 4 of the fibrous strands to be joined a heated thermoplastic glue;
 butt jointing the ends together;
 rolling the butt joint 17 to maintain a constant thickness in the strands and to cause the glue to wick within the fibres of the ends to thereby produce an improved joint. The invention further provides apparatus for jointing flexible fibrous strands, the apparatus including guide means (12) and clamping means 5,6 for holding the ends 3,4 together, cutting means 11 for squaring the ends, means 14 for applying a measured quantity of a hot melt glue to the ends 3,4 means for moving the ends to abutt each other to allow the glue to wick within the fibres of the ends 3,4 and means 18 for rolling the joint to even the diameter thereof to produce a joint 17 with no obvious variations in the strands.

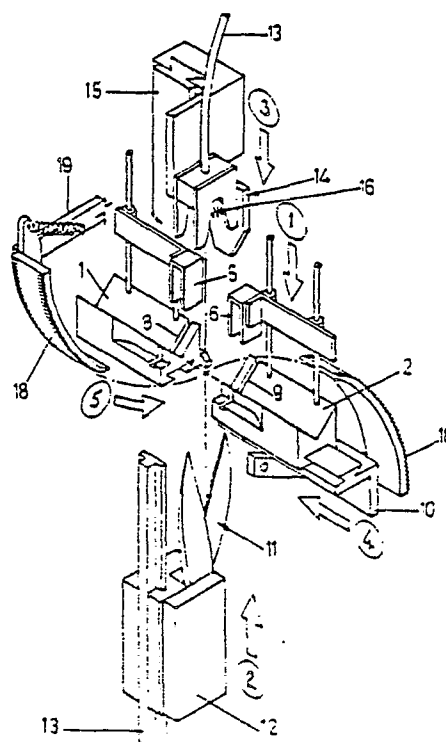


FIGURE 1

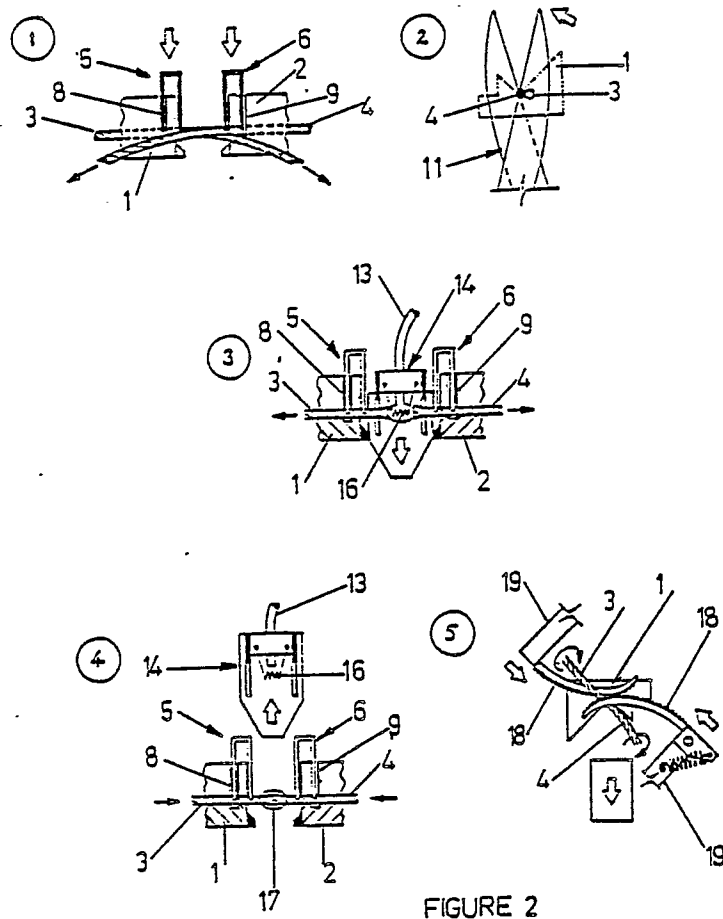


FIGURE 2



European Patent
Office

EUROPEAN SEARCH REPORT

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EP 86 30 9685

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)
A	DE-A-3 247 162 (ACKERMANN-GÖGGINGEN) * Claim; page 4, paragraph 3 * -----	1,4,6	B 65 H 69/02 D 03 J 1/16
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 03 J B 65 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16-11-1988	Examiner CATTOIRE V.A.
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			