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(54) **Method and apparatus for continuously applying a liquor to an elongate material.**

(57) The invention concerns a method of continuously applying a liquor to an elongate material (1), which comprises forming a linear assembly comprising a plurality of yarns, filaments, tow, threads or twines, hereinafter referred to as "linear assembly", continuously feeding liquor to said linear assembly whereby to impregnate said linear assembly with said liquor, characterised in that said liquor/linear assembly combination is continuously passed through an elongate treatment zone (5) and through at least one constrictive throat (15) located in said elongate treatment zone, the at least one said constrictive throat having a cross-sectional area smaller than that of the linear assembly immediately prior to its passage through said at least one constrictive throat such that said linear assembly is compacted on passage through said at least one constrictive throat, and wherein, after passage through said at least one constrictive throat, said liquor/linear assembly combination passes through a region in which it is maintained in a uniform, composite state. The invention also includes an apparatus for carrying out the said method.

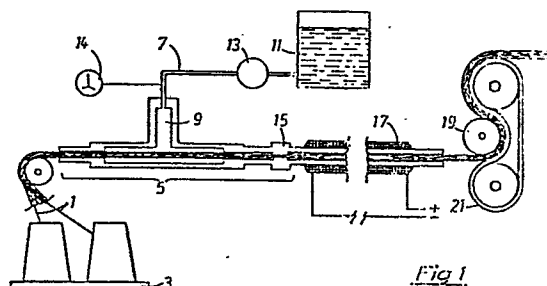


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

0149535

Application number

EP 85 30 0188

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-3 241 343 (MASAHIDE YAZAWA) * Whole document *	1-16, 18,19	D 06 B 3/04
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A	US-A-3 905 327 (OPI)		
A	EP-A-0 083 065 (HOECHST)		
A	BE-A- 871 883 (BRITTON)		
A	DE-A-2 307 554 (HOECHST)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			D 06 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-04-1985	Examiner PETIT J.P.
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	