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54 Intermining multifilament yarns.

57 A method of intermingling one or more multifilament yarns comprises feeding said yarn or yarns along a yarn channel having a uniform V-shaped cross-section throughout its length and admitting at least one fluid stream to said channel in a direction transversely of the channel and at a velocity such that air turbulence in the channel causes the yarn filaments to intermingle.

A device for intermingling multifilament yarns, comprises a yarn channel (28) of V-shaped cross-section having two convergent channel sides bridged by a third side having a yarn entry slot (30) positioned adjacent a fluid channel (29) for admitting a high velocity fluid stream to said channel in a direction transversely of the axis of yarn travelling in said channel in use so as to intermingle the yarn filaments and prevent escape of the yarn from the channel.

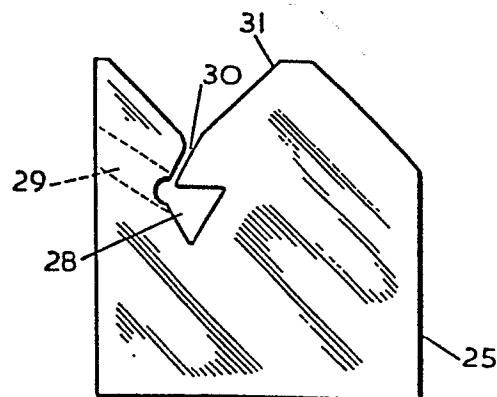


FIG. 12



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EUROPEAN SEARCH REPORT

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EP 84 30 5872

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,Y	EP-A-0 011 441 (TORAY) * Claims 1-3,10,12,14; figure 2; page 11, lines 14-16 *	1,2,5-7,9,10	D 02 G 1/16 D 02 J 1/08
Y	--- US-A-3 379 002 (SPUNIZE) * Claim 5; figures 5-7; column 3, line 71 - column 4, line 37 *	2	
Y	--- US-A-3 324 526 (DU PONT DE NEMOURS) * Claim 1; column 3, lines 44-56; figure 3 *	5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			D 02 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 02-12-1985	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	