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23.08.89 Bulletin 89/34(71) Applicant: **ENICHEM FIBRE S.p.A.**
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I-20121 Milano(IT)(54) **Improvements in methods for producing in-line dyed acrylic fibres.**

(57) In the preparation of in-line dyed acrylic fibres by the wet-spinning process in which a solution of an acrylonitrile polymer in an organic solvent is extruded into a coagulum bath and the coagulated fibre is subjected to stretching and dyeing, a retraction step conducted under particular conditions is interposed between the stretching step and dyeing step, in order to improve the fibre dyeing characteristics.

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EP 87 20 0306

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	DE-B-1 119 458 (VEB FILMFABRIK AGFA WOLFEN) * Claim; examples * ---	1-7	D 01 F 6/18 D 01 D 10/00 D 06 P 3/76
A	GB-A- 816 841 (THE DOW CHEMICAL) * Claims * ---	1	
D,A	GB-A-2 133 423 (SNIA FIBRE S.p.A.) ---		
A	US-A-3 296 341 (H.P. BRIAR et al.) * Claim 1; column 3, lines 5-10 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 01 F 6
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-05-1989	Examiner VAN GOETHEM G.A.J.M.
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			