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(54) **Stabilized polyurethane modified polyester forming fabric.**

(57) This invention discloses a paper-maker's forming fabric wherein some of the yarns are melt-extruded monofilaments, that are a blend of 60 to 90% by weight of a polyethylene terephthalate, together with 40 to 10% by weight of a thermoplastic polyurethane, which may be an ester or ether-based type. Additionally, it is contemplated that the blend may contain up to 5% by weight of a hydrolysis stabilizer. The high abrasion resistance of these blended monofilaments makes them particularly advantageous for use in replacing the nylon-6 and nylon-66 monofilaments currently used in paper machine forming fabrics. The monofilaments disclosed comprising blends of polyethylene terephthalate and thermoplastic polyurethane are also a feature of this invention.

EP 0 387 395 A3



EUROPEAN SEARCH
REPORT

EP 89 11 5192

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.5)
X	WO-A-8 301 253 (G. BHATT) * Claims *	13-18	D 21 F 1/00 D 01 F 6/92
Y	-----	1-5	
Y	WO-A-8 704 198 (HUYCK CORP.) * Claims; page 7, last paragraph - page 8, lines 1-6 *	1-5	
D,A	EP-A-0 245 851 (HUYCK CORP.) -----		
D,A	US-A-4 071 050 (NORDIKSA MASKINFILT.) -----		
TECHNICAL FIELDS SEARCHED (Int. Cl.5)			
D 01 F D 21 F			

The present search report has been drawn up for all claims

Place of search	Date of completion of search	Examiner
The Hague	26 June 91	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		