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(54) **Process for making surface designs on woolen textile substrates and textile products thus obtained**

(57) The process according to the invention consists in applying printing pastes containing high concentrations of anti-felting polyurethane resins, possibly colored via pigments or other dyeing substances of different dyeing nature (acid, premetallized, reactive, direct, basic and disperse dyes), in combination with traditional printing pastes, colored or not. It is also possible to combine printed design patterns with anti-felting characteristics and

printed design patterns obtained with resist printing and/or corrosion printing, as well as to obtain the superimposition of two or more design patterns, of which at least one defined by the shape of unfelted areas. The effect deriving by the contrast of differently felted areas is activated further to the milling step carried out after the printing step.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 06 12 4188

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 10 053978 A (YOSHIDA SEIRI KK) 24 February 1998 (1998-02-24) * page 5; figures 1-3 * * abstract *	1-12	INV. D06Q1/00 D06P5/00 D06P3/14
X	----- DATABASE WPI Week 198721 Thomson Scientific, London, GB; AN 1987-147275 XP002516916 & JP 62 085086 A (MITSUBOSHI SENSEI K) 18 April 1987 (1987-04-18) * abstract *	1,8,9	
A	----- US 4 680 033 A (DUERL BERND [DE] ET AL) 14 July 1987 (1987-07-14) * column 3 - column 6; examples 1-4 *	4,5	
A	----- GB 580 205 A (RICHARD WALTER HARDACRE; GEORGE STUART JAMES WHITE; ICI LTD) 30 August 1946 (1946-08-30) * page 1, line 62 - line 80 * * page 5, line 75 - line 109; example 7 *	4,6	
			TECHNICAL FIELDS SEARCHED (IPC)
			D06P D06Q
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 February 2009	Examiner Menard, Claire
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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26-02-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10053978	A	24-02-1998	NONE	
-----				
JP 62085086	A	18-04-1987	JP 1640649 C	18-02-1992
			JP 3002990 B	17-01-1991
-----				
US 4680033	A	14-07-1987	DE 3439532 A1	30-04-1986
			EP 0180119 A2	07-05-1986
			JP 2555012 B2	20-11-1996
			JP 61108783 A	27-05-1986
-----				
GB 580205	A	30-08-1946	NONE	
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