

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **81102092.4**

22 Date of filing: **20.03.81**

51 Int. Cl.³: **D 06 P 5/00**
D 06 P 1/52, B 41 M 5/02
D 06 Q 1/00

30 Priority: **25.03.80 AU 2911/80**
27.01.81 US 228735

43 Date of publication of application:
30.09.81 Bulletin 81/39

88 Date of deferred publication of search report: **24.03.82**

84 Designated Contracting States:
BE CH DE FR IT LI NL SE

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54 **Sublimation dye transfer printing of fabrics.**

57 This invention provides an improved method for sublimation dye transfer printing of a sublimable dye onto fabric by applied heat, comprising applying a composition comprising a polyester resin to the fabric, in which the polyester resin chemically bonds the dye to the fabric, to yield a fabric having a soft hand and deep color which is fast through repeated laundering. In preferred embodiments, the polyester resin has free carboxyl groups. In another embodiment, a conventional dye binder is also applied to the fabric. In a further modification, metallic glitter is added to the dye. The present invention also provides dye bonding compositions for bonding sublimable dyes to fabrics, and sublimation dye transfer printing elements incorporating the compositions of the invention.

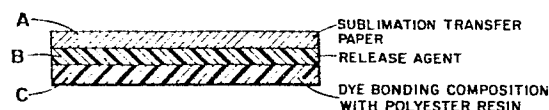


FIG. 1



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EUROPEAN SEARCH REPORT

0036639

Application number

EP 81 10 2092

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	CHEMICAL ABSTRACTS, vol. 89, no. 24, December 11, 1978, page 74, abstract 199040d Columbus, Ohio, US & JP - A - 78 98485 (NIHON SHASHIN INSATSU) (28-08-1978) * Abstract * -- FR - A - 2 407 826 (BENET) * Claims 1,4,7,8,13,14; page 3, lines 11-24 * -- US - A - 3 922 445 (SHOGO MIZUNO AND SUMIO ISHII) * Claims 1-5,11, 14-16; column 2, line 5 to column 10, line 10 * -- A US - A - 4 021 591 (R.F. DE VRIES et al.) * Whole document * -- A US - A - 4 058 644 (R.F. DE VRIES et al.) * Whole document * -- A FR - A - 2 393 688 (SOCIETE D'IMPRESSION TROYENNE) * Claims 1-10; page 1, line 1 to page 7, line 12 * & GB - A - 1 597 907 (16-09-1981) --	1,5,11 22,35, 37 1,4,5, 11,22, 35 1,4,5, 12,15, 22,25, 30,33, 35-40, 42-51 1,4-6, 8-11, 22,25, 27-29, 35-44, 47,50, 51 1,4,11 22,35, 42,47, 50 1,4-6, 8-11, 17-22, 25,27- 29,35- 37,42, 47,50	D 06 P 5/00 1/52 B 41 M 5/02 D 06 Q 1/00 TECHNICAL FIELDS SEARCHED (Int. Cl.) D 06 P 5/00 1/52 B 41 M 5/02 3/12 D 06 P 1/52 D 06 Q 1/00 B 44 C 1/16 CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons &: member of the same patent family, corresponding document
☒ The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		10-12-1981	DEKEIREL





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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>DE - A - 2 642 350 (POLYTRANSFER)</u> * Claims 1-4; page 6, paragraph 2; page 7, last paragraph; page 8, last paragraph * --	1	
A	<u>DE - A - 2 832 265 (CIBA-GEIGY)</u> * Whole document * --	1,4	
A	<u>CH - B - 561 818 (HEBERLEIN)</u> * Whole document * --	1,4	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
	<u>DE - A - 2 732 576 (K.J. REED)</u> * Whole document, and especially page 22, last paragraph; page 23, first paragraph; page 25, last paragraph * & GB - A - 1 589 292 (13-05-1981) --	1-5, 11,22- 24, 35	
A	<u>GB - A - 1 486 054 (SIRDAR)</u> * Claims 1,2,5,7-9; page 2, lines 41-95 * --	1,4,11	
P	<u>GB - A - 2 049 554 (WOON-WAI TSE)</u> * Whole document * ----	1,11, 22,35, 36,42	

