11 Publication number:

0 092 988 A3

(12)

EUROPEAN PATENT APPLICATION

- 21 Application number: 83302297.3
- 2 Date of filing: 22.04.83

(f) Int. Cl.4: **B 41 M 1/40,** B 41 N 9/00, B 41 N 9/02

- 30 Priority: 24.04.82 GB 8211917
- 43 Date of publication of application: 02.11.83 Bulletin 83/44
- Designated Contracting States: DE FR IT LU NL SE
- 88 Date of deferred publication of search report: 22.05.85 Bulletin 85/21

- Applicant: The British Ceramic Research Association Limited, Queens Road Penkhull, Stoke-on-Trent Staffordshire ST4 7LQ (GB)
- Inventor: Birtles, John Frederick, 15 Asbourne Drive
 Silverdale, Newcastle under Lyme Staffordshire (GB)
 Inventor: Brett, Robert Dennis, 14 Mellden Way Penkhuli,
 Stoke-on-Trent Staffordshire (GB)
 Inventor: Roberts, Wilfred, 43 Naples Drive Westlands,
 Newcastle under Lyme Staffordshire (GB)
- Representative: Lomas, Geoffrey Michael et al, BARKER, BRETTELL & DUNCAN 138 Hagley Road Edgbaston, Birmingham B16 9PW (GB)

64 Off-set printing.

(3) An ink design (2) is silk screened onto an intermediate surface (3) and is then transferred to an article (5) by a deformable pad (4). In order to provide a large difference in the ink affinities of the intermediate surface and pad these are made of silicone rubbers in which different catalysts are used in the curing of the rubbers. Dibutyltindilaurate as catalyst provides an intermediate surface of low ink affinity which can enable 100% transfer of ink from the intermediate surface to the pad when a stannous octoate calysed, condensation cured rubber, or a suitable addition cured rubber, is used for the pad. The screen is heated to a greater temperature than that of the intermediate surface.

STAGE 1

STAGE 2

STAGE 3

STAGE 4

STAGE 5

0 092 988



EUROPEAN SEARCH REPORT

009,209,808

EP 83 30 2297

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document w of rele	ith indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (int. Ci. ³)	
A		G.A. STEINDORF; ne 57; column 6,	1	B 41 M 1/40 B 41 N 9/00 B 41 N 9/02	
A	GB-A-1 317 060		1		
	-	·			
				TECHNICAL FIELDS SEARCHED (Int. Ci. 3)	
				B 41 M 1/40 B 41 N 9/00 B 41 N 9/02	
	The present search report has b	een drawn up for all claims			
Place of search THE HAGUE Date of completion of the se		ı	Examiner SSCHAERT A.		
aocu A: techr O: non-	CATEGORY OF CITED DOCL cularly relevant if taken alone cularly relevant if combined w ment of the same category nological background written disclosure mediate document	IMENTS T: theory E: earlier after tr ith another D: docum L: docum	or principle under patent document, le filing date lent cited in the ap ent cited for other	lying the invention but published on, or	