

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 763 630 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
22.10.1997 Bulletin 1997/43

(51) Int Cl.⁶: **D21H 25/06**, D21H 19/28,
D21H 11/12, G03G 7/00

(43) Date of publication A2:
19.03.1997 Bulletin 1997/12

(21) Application number: **96306585.9**

(22) Date of filing: **11.09.1996**

(84) Designated Contracting States:
DE ES FR GB IT

(30) Priority: **18.09.1995 US 529297**

(71) Applicant: **XEROX CORPORATION**
Rochester New York 14644 (US)

(72) Inventor: **Eckstrom, Lois A.**
Williamson, NY 14589 (US)

(74) Representative: **Pike, Christopher Gerard et al**
Rank Xerox Ltd.,
Patent Department,
Parkway
Marlow, Buckinghamshire SL7 1YL (GB)

(54) **Curable resin transparentizing system for vellum papers**

(57) A method for coating paper with an ultraviolet curable resin in order to achieve transparency as a vellum paper and thereby avoid the use of traditional mobile or solid transparentizing resins which are coated using organic solvents whose traces often contaminate x-

rographic machines. Alternatively, existing vellum paper is coated with an ultraviolet curable resin so as to seal its surface and completely trap the transparentizing resin that it now includes, thus ensuring that the transparentizing resin will not escape and contaminate components of a machine.

EP 0 763 630 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 96 30 6585

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.6)
X	EP 0 608 575 A (DSM NV) 3 August 1994 * page 5, line 2 - line 12 * * page 9, line 48 - page 10, line 4 * * page 6, line 25 - line 30; example 1 * ---	1,2,4-7	D21H25/06 D21H19/28 D21H11/12 G03G7/00
A	US 4 271 227 A (MULLER PETER ET AL) 2 June 1981 * the whole document * ---	1-7	
A	US 5 006 389 A (D ANNUNZIO JOSEPH C) 9 April 1991 * the whole document * -----	1-7	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G03G D21H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 August 1997	Examiner Barathe, R
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 01.82 (P06C01)