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(71) Applicant: TOKUYAMA CORPORATION Tokuyama-shi, Yamaguchi-ken 745 (JP)

(72) Inventors:

Saito, Shiroo
 Kashima-gun, Ibaraki-ken (JP)

 Kanawa, Kazuhiko Tokuyama-shi, Yamaguchi-ken (JP)

(74) Representative: Woods, Geoffrey Corlett
 J.A. KEMP & CO.
 14 South Square
 Gray's Inn
 London WC1R 5LX (GB)

- (54) Ink jet recording sheet
- (57) An ink jet recording sheet comprising a substrate, and a layer of a polymer composition laminated on the substrate. The polymer composition comprises:
 - (A) 100 parts by weight of a water-soluble polymer,
- (B) from 1.0 to 30 parts by weight of a polymer of a monomer which is sparingly soluble in water and which has at least three ethylenically unsaturated groups in the molecule, and
- (C) from 0 to 20 parts by weight of a fluorine-containing surfactant or a silicone oil.



EUROPEAN SEARCH REPORT

Application Number EP 96 30 5816

DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document with indication, where appropriate, Relev			Relevant	evant CLASSIFICATION OF THE
ategory	of relevant pas		to claim	APPLICATION (Int.Cl.6)
A	EP 0 233 703 A (IMPI INDUSTRIES PLC) * page 2, line 24 - * page 3, line 17 - * claims 1,5,6,10; 6 * figures 1-3 *	line 33 * page 4, line 3 *	1-12	B41M5/00
A	PATENT ABSTRACTS OF vol. 13, no. 405 (M September 1989 & JP 01 146785 A (LIMITED), 8 June 198 * abstract *	-868) [3753] , 7 FUJI PHOTO FILM COMPANY	1-12	
A	EP 0 588 724 A (MINI MANUFACTURING COMPAI * page 2, line 10 - * page 2, line 55 - * page 4, line 14 - * page 6, line 17 - * claims 1-3,11,16;	NY) line 14 * page 4, line 2 * page 5, line 9 * line 48 *	1-12	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US 4 877 688 A (H.S * column 2, line 27 * column 4, line 45 * claims 1-5 *	- line 63 *	1-12	B41M
	The present search report has b	een drawn up for all claims		
Place of search Date of completion of the search				Examiner
THE HAGUE 7 July 199		7 July 1997	Bacon, A	
Y:pa dn A:teo O:no	CATEGORY OF CITED DOCUME rticularly relevant if taken alone rticularly relevant if combined with and cument of the same category chnological background n-written disclosure termediate document	E: earlier patent do after the filing d other D: document cited L: document cited (heory or principle underlying the invention arlier patent document, but published on, or ifter the filing date locument cited in the application ocument cited for other reasons member of the same patent family, corresponding locument	