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(54) **Ink jet recording element and printing method**

(57) An ink jet recording element comprising a support having thereon a porous image-receiving layer comprising at least 90% by weight of particles and less than 10% by weight of a binder, the image-receiving layer also containing a nonionic surfactant having an HLB

number of less than 10 in an amount to substantially prevent foaming of the coating composition which is used to coat the support with the image-receiving layer.

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EUROPEAN SEARCH REPORT

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EP 02 07 6640

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.7)
A	PATENT ABSTRACTS OF JAPAN vol. 0100, no. 06 (M-445), 11 January 1986 (1986-01-11) & JP 60 171190 A (MISHIMA SEISHI KK), 4 September 1985 (1985-09-04) * abstract *	1-10	B41M5/00
A	----- PATENT ABSTRACTS OF JAPAN vol. 0113, no. 72 (M-648), 4 December 1987 (1987-12-04) & JP 62 144986 A (CANON INC), 29 June 1987 (1987-06-29) * abstract *	1-10	
A	----- EP 1 078 774 A (HEWLETT PACKARD CO) 28 February 2001 (2001-02-28) * abstract * * example 1 *	1-10	
A	----- EP 1 080 936 A (FERRANIA S P A) 7 March 2001 (2001-03-07) * abstract * * paragraphs [0019] - [0024], [0031] - [0034], [0038] - [0040] *	1-10	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	----- US 5 364 702 A (IDEI KOUJI ET AL) 15 November 1994 (1994-11-15) * column 1, line 64 - column 2, line 37 *	1-10	B41M
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 11 November 2004	Examiner Vogel, T
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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11-11-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 60171190	A	04-09-1985	JP 1629172 C	20-12-1991
			JP 2057026 B	03-12-1990
JP 62144986	A	29-06-1987	US 4868581 A	19-09-1989
EP 1078774	A	28-02-2001	EP 1078774 A2	28-02-2001
			JP 2001113823 A	24-04-2001
			US 2003203134 A1	30-10-2003
EP 1080936	A	07-03-2001	IT SV990026 A1	05-03-2001
			DE 60010189 D1	03-06-2004
			EP 1080936 A2	07-03-2001
			US 6387473 B1	14-05-2002
US 5364702	A	15-11-1994	JP 3043291 A	25-02-1991
			JP 3126128 B2	22-01-2001
			DE 4022008 A1	17-01-1991