



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 403 090 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
08.09.2004 Bulletin 2004/37

(51) Int Cl.7: **B41M 5/00**

(43) Date of publication A2:
31.03.2004 Bulletin 2004/14

(21) Application number: **03077944.1**

(22) Date of filing: **18.09.2003**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR**
Designated Extension States:
AL LT LV MK

(30) Priority: **30.09.2002 US 260665**
30.09.2002 US 260668

(71) Applicant: **EASTMAN KODAK COMPANY**
Rochester, New York 14650 (US)

(72) Inventors:
• **Wexler, Allan**
Rochester, New York 14650-2201 (US)
• **O'Connor, Kevin M.**
Rochester, New York 14650-2201 (US)
• **Schroeder, Kurt M.**
Rochester, New York 14650-2201 (US)

(74) Representative: **Haile, Helen Cynthia et al**
Kodak Limited
Patent, W92-3A,
Headstone Drive
Harrow, Middlesex HA1 4TY (GB)

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

(57) An ink jet recording element having a support having thereon in order: a) at least one porous, ink-retaining layer; and b) a fusible, porous ink-transporting layer of a film-forming, hydrophobic binder and fusible, polymeric particles of a cellulose ester.

EP 1 403 090 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 07 7944

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)
X	WO 02/07984 A (CHAI CHUL ; CHEN HUIYONG P (US); NISHINO AKIO (US); SKC AMERICA INC (U) 31 January 2002 (2002-01-31) * page 2, line 9 - line 19 * * page 3, line 1 - line 21 * * page 5, line 1 - page 6, line 5 * * page 7, line 9 - line 10 * * page 7, line 24 - page 11, line 6 * * examples *	1-10	B41M5/00
A	EP 1 101 267 A (SARNOFF CORP) 23 May 2001 (2001-05-23) * the whole document *	1-10	
A	EP 0 233 039 A (CANON KK) 19 August 1987 (1987-08-19) * claims * * page 2, line 61 - page 3, line 19 * * page 3, line 58 - line 61 * * page 4, line 10 - line 26 *	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B41M
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 July 2004	Examiner Whelan, N
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	

EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 07 7944

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-07-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0207984	A	31-01-2002	AU 7797301 A	05-02-2002
			WO 0207984 A2	31-01-2002
			US 2002037395 A1	28-03-2002

EP 1101267	A	23-05-2001	US 6410997 B1	25-06-2002
			CA 2338950 A1	10-02-2000
			EP 1101267 A2	23-05-2001
			JP 2002521947 T	16-07-2002
			WO 0007276 A2	10-02-2000

EP 0233039	A	19-08-1987	JP 2003905 C	20-12-1995
			JP 7039206 B	01-05-1995
			JP 62183383 A	11-08-1987
			JP 62196175 A	29-08-1987
			JP 62271781 A	26-11-1987
			DE 3780181 D1	13-08-1992
			DE 3780181 T2	25-02-1993
			EP 0233039 A2	19-08-1987
			HK 135393 A	17-12-1993
			SG 127393 G	25-02-1994
			US 4832984 A	23-05-1989

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82