



(11) Publication number : **0 532 270 A3**

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number : **92308129.3**

(51) Int. Cl.⁵ : **B41J 2/07, B41J 2/485**

(22) Date of filing : **08.09.92**

(30) Priority : **09.09.91 JP 255953/91**

(43) Date of publication of application :
17.03.93 Bulletin 93/11

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

(88) Date of deferred publication of search report :
23.06.93 Bulletin 93/25

(71) Applicant : **CANON KABUSHIKI KAISHA**
30-2, 3-chome, Shimomaruko, Ohta-ku
Tokyo (JP)

(72) Inventor : **Watanabe, Kenjiro, c/o Canon**
Kabushiki Kaisha
30-2, 3-chome, Shimomaruko
Ohta-ku, Tokyo (JP)
Inventor : **Matsumoto, Haruyuki, c/o Canon**
Kabushiki Kaisha
30-2, 3-chome, Shimomaruko
Ohta-ku, Tokyo (JP)

(74) Representative : **Beresford, Keith Denis Lewis**
et al
BERESFORD & Co. 2-5 Warwick Court High
Holborn
London WC1R 5DJ (GB)

(54) **Ink jet recording apparatus.**

(57) A recording apparatus for performing recording by ejecting ink from a plurality of discharging ports comprises a control mechanism arranged with plural discharging ports for a plurality of discharging groups to select the conveying amount for a recording medium in accordance with the discharging groups to be used for recording ; hence making it possible to use the discharging ports evenly for recording to restrain the recording quality from being degraded in a long term use as well as to prolong the life of recording means.

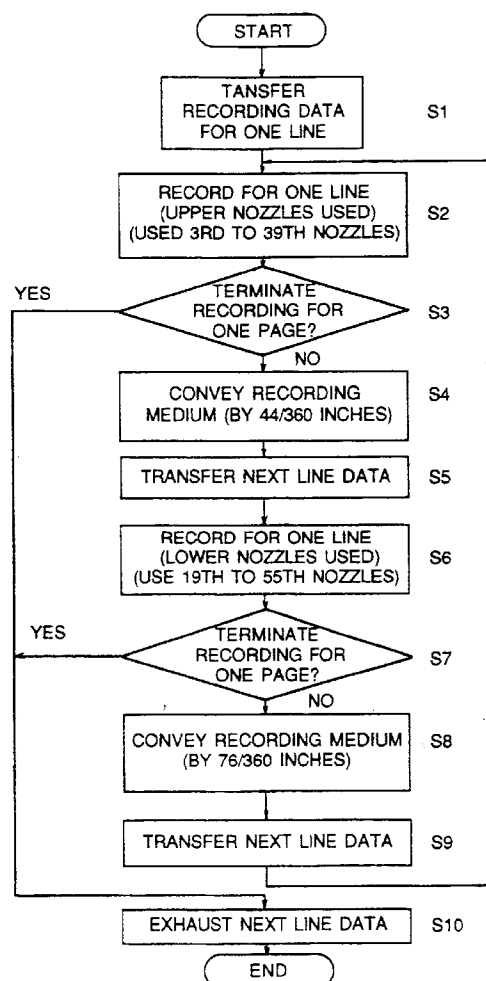


FIG. 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 8129

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.5)
X	XEROX DISCLOSURE JOURNAL vol. 16, no. 4, July 1991, STAMFORD, CONN., US pages 227 - 228 , XP000225923 DONAHUE 'EXTENDING THE LIFE OF A THERMAL INKJET PRINthead BY HEATER-NOZZLE SHIFTING' * the whole document *	1-14	B41J2/07 B41J2/485
X	DE-A-3 806 225 (SIEMENS AG) * column 1, line 25 - column 2, line 1 * * column 3, line 58 - column 4, line 7 *	1-14	
A	US-A-4 033 444 (BEERY) * column 1, line 45 - column 2, line 16 *	1-14	
A	PATENT ABSTRACTS OF JAPAN vol. 9, no. 290 (M-430)(2013) 16 November 1985 & JP-A-60 129 266 (SHARP K.K.) 10 July 1985 * abstract *	1-14	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	RESEARCH DISCLOSURE no. 291, July 1988, NEW YORK, NY, USA page 473 , XP000105654 ANONYMOUS 'Method for Printing in 8-bit Graphic Mode Utilizing a 24-wire Print Head' * left column *	1-14	B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 APRIL 1993	Examiner JOOSTING T.E.
<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</p> <p>& : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P0401)