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(11) **EP 0 841 180 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
12.08.1998 Bulletin 1998/33

(51) Int. Cl.⁶: **B41J 3/407**, B41J 23/02,
B41J 25/304, B41J 3/62,
B41J 11/04

(43) Date of publication A2:
13.05.1998 Bulletin 1998/20

(21) Application number: **97119454.3**

(22) Date of filing: **06.11.1997**

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

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(30) Priority: **07.11.1996 JP 294708/96**

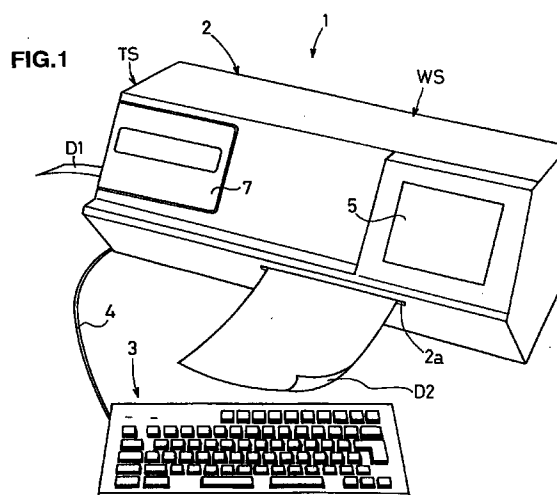
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(54) **Recording apparatus**

(57) In a serial recording mode where a carriage CA mounting a recording head HD is moved reciprocatingly in a main scanning direction of a second recording medium D2, the control apparatus drives the carriage CA to move while the recording head HD is separated from a platen P2 and the sensor SY to detect the carriage CA in order to initialize the recording apparatus. In a line recording mode where recording is performed with the recording head being in contact under pressure against a first recording medium D1, the control apparatus drives the carriage CA to move while the recording head HD is separated from a platen P1 and the sensor SY to detect the carriage CA in order to initialize the recording apparatus.



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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 9454

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	US 5 358 351 A (MURATA YOSHIYUKI ET AL) * column 4, line 66 - column 7, line 4; figures 1-3 *	1-4	B41J3/407 B41J23/02 B41J25/304 B41J3/62 B41J11/04
A	---	5,12	
X	EP 0 451 830 A (SEIKO EPSON CORP) * the whole document *	1-4	
A	---	5,12	
A	US 4 573 814 A (BERRUTI PIERANGELO ET AL)		
A	---		
A	DE 32 41 623 A (TRAUTMANN REINHOLD)		
A	---		
A	US 5 080 513 A (CLARY JOHN G)		
A	---		
A	US 4 930 911 A (SAMPSON CRAIG F ET AL)		

			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41J
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		6 February 1998	ADAM, 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 (P04C01)



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Application Number
EP 97 11 9454

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-5, 12



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-5 12

Recording apparatus comprising:

- a recording head mounted on a carriage;
- a first feeding means and a line recording mode setting means;
- a second feeding means and a serial recording mode setting means.

2. Claims: 6-8

First driving power source for driving first feeding means. The first power source is used for pressing and separating the print head against and from the second recording medium in the serial recording mode.

3. Claim : 9

Second driving power source for driving second feeding means. The second power source is used for pressing and separating the print head against and from the first recording medium in the line recording mode.

4. Claims: 10, 11

Recording apparatus comprising:

- a first platen for supporting a first recording medium in the line recording mode;
- a second platen for supporting a second recording medium in the serial recording mode.