



Europäisches Patentamt
European Patent Office
Office européen des brevets

Publication number:

0 103 943
A3

EUROPEAN PATENT APPLICATION

Application number: **83303302.0**

Int. Cl.⁴: **B 41 J 3/04, G 01 D 15/18**

Date of filing: **08.06.83**

Priority: **20.09.82 US 419658**

Applicant: **Hewlett-Packard Company, Mail Stop 20 B-O 3000 Hanover Street, Palo Alto California 94304 (US)**

Date of publication of application: **28.03.84**
Bulletin 84/13

Inventor: **Tacklind, Christopher A., 250 Cowper, Palo Alto California 94301 (US)**

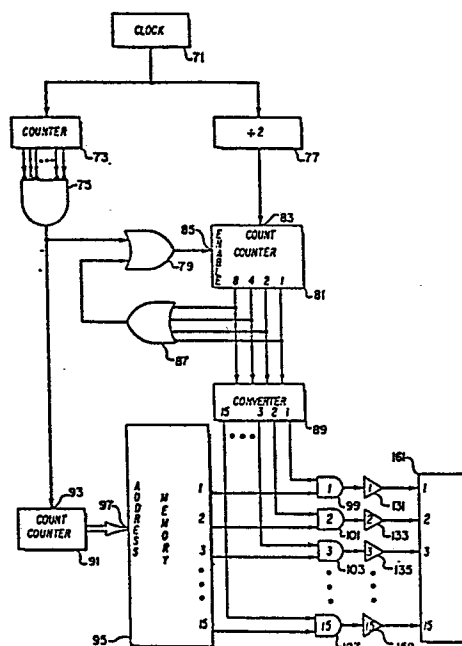
Designated Contracting States: **DE FR GB**

Date of deferred publication of search report: **18.09.85 Bulletin 85/38**

Representative: **Oliver, Peter Anthony, Hewlett-Packard Limited Nine Mile Ride Easthampstead, Wokingham, Berkshire RG11 3LL (GB)**

Method and apparatus for eliminating the effects of acoustic cross-talk in thermal ink jet printer.

A side-shooting thermal ink jet printer is provided with a control circuit for permitting the ejection of ink droplets from printhead orifices at only certain times after the ejection of ink droplets from other orifices in the printhead so that crosstalk between orifices through the ink supply does not degrade the quality of the subsequently ejected ink droplets. A test circuit is provided for determining the optimum multiplex periods between ejection of ink droplets from adjacent orifices.





DOCUMENTS CONSIDERED TO BE RELEVANT			EP 83303302.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.) ³
A	DE - A1 - 3 012 698 (CANON) * Fig. 19,20,21; page 47, line 12 - page 48, line 19 *	1,3	B 41 J 3/04 G 01 D 15/18

A	US - A - 4 344 079 (CHAMBORS) * Claims *	2	

A	US - A - 4 300 144 (ISAYAMA) * Totality *	1,3	

The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 21-05-1985	Examiner MEISTERLE
<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 & : member of the same patent family, corresponding document</p>			