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Applicant: **XEROX CORPORATION**
Xerox Square - 020
Rochester New York 14644(US)

Inventor: **Rezanka, Ivan**
6 Squire Lane
Pittsford New York 14534(US)

Inventor: **Kords, Donald N.**
1850 Penfield Road
Penfield New York 14526(US)

Inventor: **Wojciechowski, Matthew P.**
1356 Robin Hood Lane
Webster New York 14580(US)

Representative: **Prior, Nicholas J. European Patent Attorney et al,**
Rank Xerox Patent Department 338 Euston Road
London NW1 3BH(GB)

Method and apparatus for controlling of an ink jet printer.

An ink jet printing machine and method of printing in which a print head (10) is switched from the energized condition to the de-energized condition without emitting undesired writing fluid therefrom. Means (10, 30) is provided for projecting a flow of writing fluid in the energised condition and for preventing the flow of fluid being projected in the de-energised condition. Switching means (34, 36) switches the projecting means from the energised to the de-energised condition with no undesired writing fluid by emitted and ingestion of air, preferably by controlling the pressure of the writing fluid in the head (10) so that it is reduced in two steps.

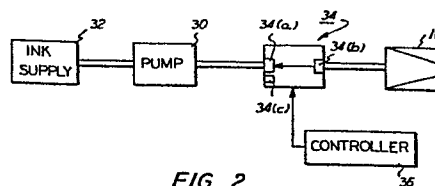


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

0067515

Application number

EP 82 30 2272

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. 3)
E,X	DE-A-3 146 784 (RICOH CO.) * Page 8, line 30 - page 9, line 3; page 9, lines 20-24; figure 1 *	1,7	B 41 J 3/04
A	--- HEWLETT-PACKARD JOURNAL, vol. 18, no. 11, July 1967, pages 4-6, R.A. SANDERSON: "Pressurized ink recording on Z-fold strip charts" * Pages 4-6, "Pressure-modulated ink system"; figure 5 *	2-6,8 9	
A,P	--- PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 23(M-111)(901), 10th February 1982 & JP - A - 56 142 067 (RICOH K.K.) 06-11-1981 * Whole document *	1	
	-----		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 41 J G 01 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE	Date of completion of the search 11-08-1983	Examiner LOUVION B.A.G.A.	

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
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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