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Ink jet recording method and ink jet recording apparatus using same.

An ink jet recording apparatus for an ink jet recording apparatus includes a plurality of electrothermal transducer element for producing thermal energies for formation of recording liquids; and driving device for supplying electric energy to the electrothermal transducer elements in accordance with data to be recorded and a control signal, wherein the plural electrothermal transducers are grouped into plural groups, and the groups are simultaneously driven by the driving device, wherein the electrothermal transducer elements in a group are supplied with electric power in a period between maximum expansion of a bubble in a previously driven group and expiration thereof.

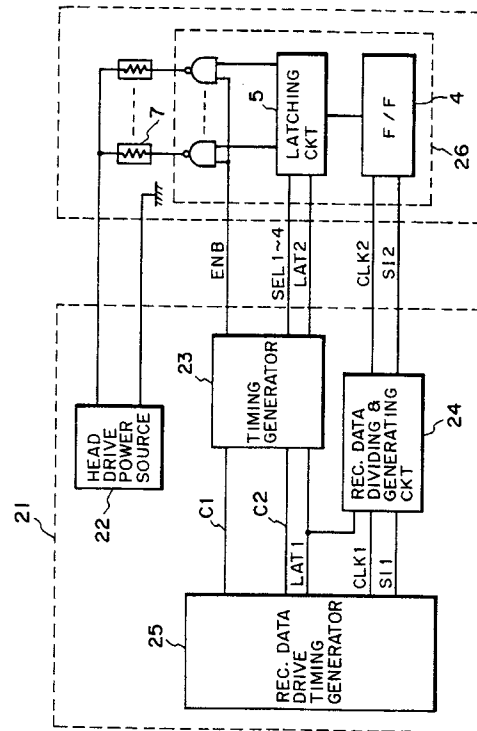


FIG. 3



European Patent
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EUROPEAN SEARCH REPORT

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EP 91 30 5468

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)
A	EP-A-0 318 328 (CANON K.K.) * column 4; figures 2,5,7 * ---	1,2	B 41 J 2/05
A	EP-A-0 103 943 (HEWLETT-PACKARD COMP.) * claims 1,3,4 * ---	1-5	
D,A	PATENT ABSTRACTS OF JAPAN vol. 4, no. 158 (M-39), 5 November 1980; & JP - A - 55109672 (CANON INC.) 23.08.1980 -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 41 J
Place of search	Date of completion of the search	Examiner	
BERLIN	21-01-1992	ZOPF K	
CATEGORY OF CITED DOCUMENTS		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	
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			

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