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(54) Temperature control of thermal ink-jet print heads by using synchronous non-nucleating pulses

(57) Method and apparatus for heating a printhead by application of ink firing print pulses or non-nucleating heating pulses to ink firing resistors (38) during selected print firing periods wherein either an ink firing print pulse or a heating pulse, but not both, occurs during a selected print firing period.

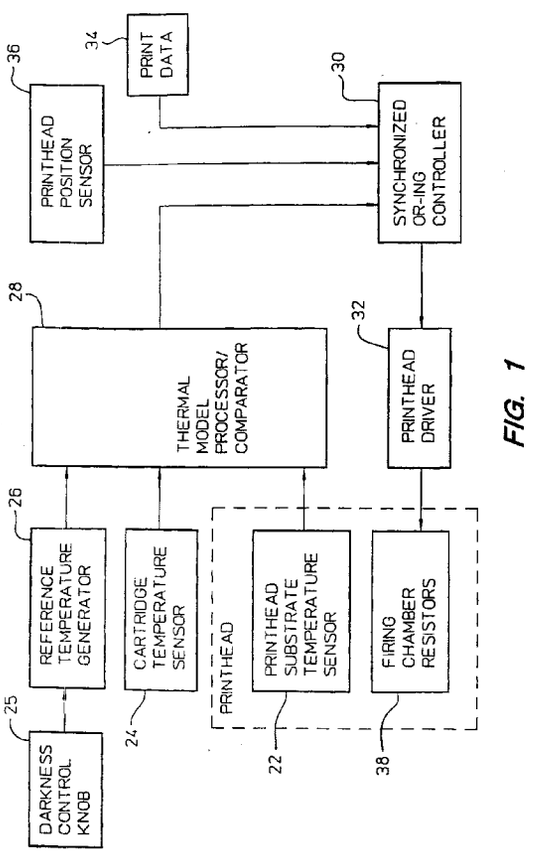


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 94 11 6902

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)
D,X	EP-A-0 511 602 (HEWLETT PACKARD) * column 3, line 48 - column 9, line 50; figures 1A-3B *	1-4	B41J2/05
A	EP-A-0 475 638 (HEWLETT PACKARD) * page 4, line 5 - page 6, line 35; figures 1-5 *	1-4	
A	EP-A-0 390 202 (CANON) * column 6, line 14 - column 9, line 12; figures 4A-5 *	1-4	
D,P,X	EP-A-0 600 648 (HEWLETT PACKARD) * the whole document *	1,3	
A		2,4	

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	16 January 1997	Adam, E

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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E : earlier patent document, but published on, or after the filing date
D : document cited in the application
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