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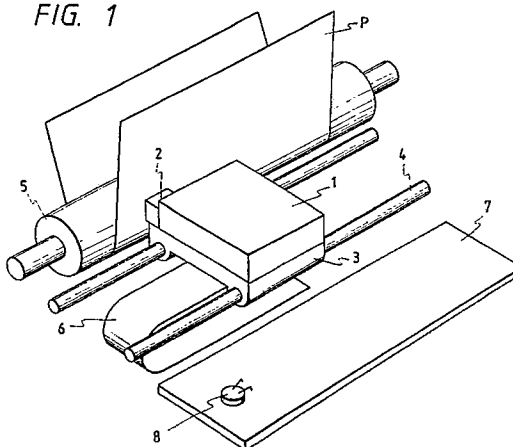
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(54) **Ink-jet recording apparatus and temperature control method therefor.**

(57) An ink-jet recording apparatus for discharging an ink droplet from a recording head (2) to perform recording includes a heating element array (13) for heating the recording head, a temperature sensor (8) for measuring an ambient temperature, a timer for measuring a time associated with a temperature variation of the recording head (2) during a recording

operation, and a control unit for controlling an energy supplied to the heating element array (13) on the basis of the ambient temperature measured by the temperature sensor (8) and the time measured by the timer.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			EP 90117934.1
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
P, A	<u>EP - A2 - 0 333 507</u> (CANON K.K.) * Column 14, lines 13-18 * --	1, 60, 65, 70	B 41 J 2/01 B 41 J 2/05
A	<u>DE - A1 - 3 612 469</u> (CANON K.K.) * Fig. 1 * --	1, 24, 42	
A	<u>EP - A1 - 0 300 634</u> (HEWLETT-PACKARD) * Totality * --	1, 50	
A	<u>DE - A1 - 3 545 689</u> (CANON K.K.) * Claims * --	1, 35	
A	<u>US - A - 4 544 931</u> (WATANABE) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 41 J G 01 D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		28-02-1991	WITTMANN
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 O : non-written disclosure P : intermediate document			
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			