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(54) **Liquid ejecting method and liquid ejecting head**

(57) A liquid ejecting method using a liquid ejecting head having electrothermal transducer elements for generating thermal energy sufficient to create bubbles in liquid and ejection outlets disposed opposed to the electrothermal transducer elements which are arranged at a density not less than 300 per 25.4mm in a line, the liquid ejection head also having liquid flow paths in fluid communication with the ejection outlets, respectively, wherein the bubble generated by the thermal energy generated by the electrothermal transducer element is brought into communication with ambience while an internal pressure of the bubble is less than an ambient pressure, and wherein droplets having volumes not more than $15 \times 10^{-15} \text{m}^3$ are ejected at a frequency not less than 7kHz, said method includes the improvement wherein the liquid flow path of the liquid ejecting head has a height not less than $6 \mu\text{m}$, and a distance between an upper surface and a lower surface of the ejection outlet is not more than one half of a minimum opening distance through a center of the ejection outlet.

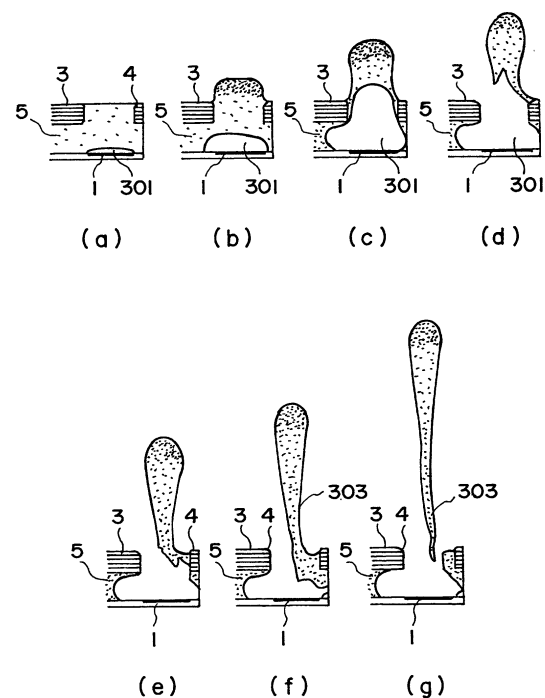


FIG. 3



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EUROPEAN SEARCH REPORT

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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)
X	EP 0 641 654 A (CANON KK) 8 March 1995 (1995-03-08)	30-32	B41J2/14 B41J2/05
A	* abstract * * page 12, line 15 - line 39 * * page 13, line 1 - page 15, line 19 * * figure 5 *	1,13,25	
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	* abstract * * column 8, line 17 - column 9, line 35 * * column 13, line 15 - line 34 * * figures 2A,2B *		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 March 2000	Examiner Didenot, B
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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