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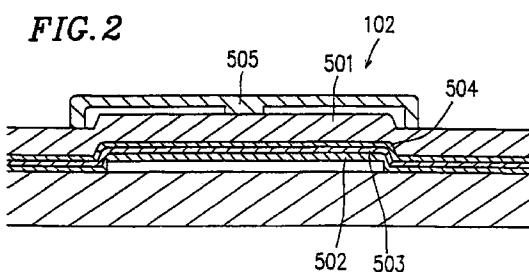
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(54) Ink jet head and method for fabricating the same

(57) An ink jet head according to the present invention includes: a substrate (100); an orifice plate (104) having an opening (109), the orifice plate facing the substrate; an element provided on the substrate so as to define an ink cavity provided between the substrate and the orifice plate, the ink cavity being filled with liquid ink, and so as to form a gap between at least a central portion of the element and the substrate, the element ejecting the liquid ink filled in the ink cavity through the opening of the orifice plate; a main ink supply groove (101) provided on at least one of a surface of the substrate facing the orifice plate and a surface of the orifice plate facing the substrate; an ink supply path for connecting the ink cavity to the main ink supply groove; and a branch ink supply groove for connecting the gap between the element and the substrate to the main ink supplying groove.

FIG. 2





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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41J
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	6 February 1997	Wehr, W	
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	
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