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(11) **EP 0 716 925 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**16.04.1997 Bulletin 1997/16**

(51) Int. Cl.<sup>6</sup>: **B41J 2/045**, B41J 2/14,  
B41J 2/16

(43) Date of publication A2:  
**19.06.1996 Bulletin 1996/25**

(21) Application number: **95119708.6**

(22) Date of filing: **14.12.1995**

(84) Designated Contracting States:  
**DE FR GB**

(30) Priority: **14.12.1994 JP 310998/94**

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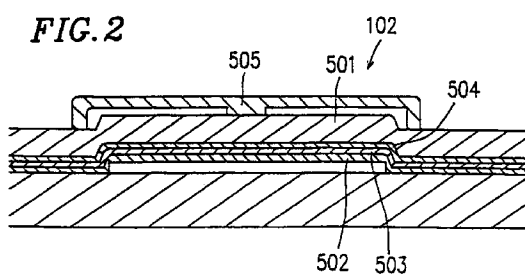
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(54) **Ink jet head and method for fabricating the same**

(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.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 95 11 9708

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,A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 177 (M-0960), 9 April 1990 & JP 02 030543 A (SEIKO EPSON CORP), 31 January 1990, * abstract *	1,4	B41J2/045 B41J2/14 B41J2/16
A	EP 0 479 441 A (SEIKO EPSON CORP) 8 April 1992 * column 5, line 12 - line 19 * * column 12, line 57 - column 13, line 5 * -----	9	
			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 6 February 1997	Examiner Wehr, W
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)