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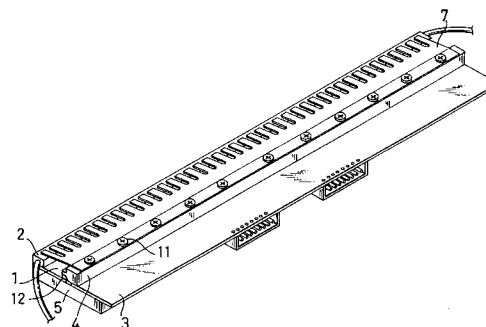
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D-80336 München (DE)(54) **Liquid jet recording head and liquid jet recording apparatus.**

(57) A heater board(1) having a plurality of energy generating elements disposed thereon to discharge recording liquid droplets therefrom is adhesively secured to a base plate(5). A plurality of ink flow paths are formed on a solid layer(8) deposited on the heater board(1). In addition, a ceiling plate(2) having a common liquid chamber communicated with the ink flow paths is mounted on the solid layer(8), and the ceiling plate(2) is thrust against the solid layer by the resilient force of a comb-shaped retaining leaf spring(7).

**FIG. 1A****EP 0 593 040 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 93 11 6573

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cls)
Y	EP-A-0 440 469 (CANON K.K.)	1,3,5-9, 12-20, 22-24	B41J2/16
A	* column 5, line 16 - line 55 * * column 15, line 5 - column 17, line 33; figures 10-15 *	2,4,10, 11,21	
Y	US-A-4 629 926 (SIEGAL)	1,3,5-9, 12-20, 22-24	
A	* column 2, line 24 - line 59 * * column 4, line 6 - line 68 * * column 10, line 53 - column 12, line 16; figure 7 7A *	2,4,10, 11,21	
A	US-A-4 564 851 (NILSSON ET AL.)	1,3,9, 12,17,22	
A	* column 1, line 55 - column 2, line 10; figures 1-4 *		
A	US-A-4 343 013 (BADER ET AL.)	1,3,9, 12,17,22	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	* column 3, line 66 - column 424; figures 1,2 *		B41J
A	US-A-5 121 225 (MURATA ET AL.)	1,3,9, 12,17,22	
A	* column 9, line 16 - column 10, line 27; figures 5-6E *		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 August 1995	Examiner Rivero, C
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			