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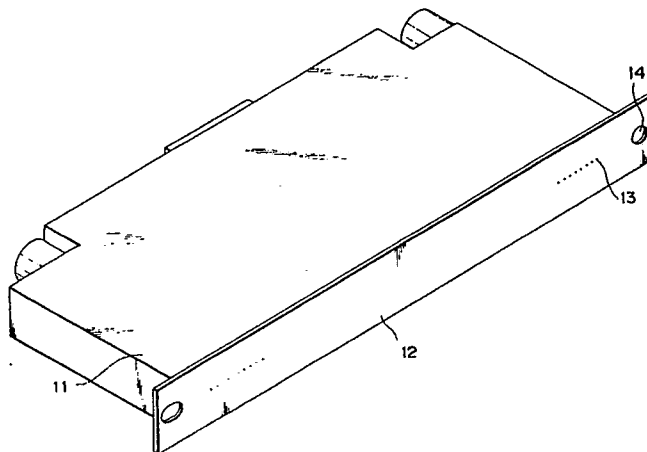
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(54) **Orifice plate for an ink jet recording head, ink jet recording head using the plate, and ink jet recording apparatus using the head.**

(57) This specification discloses an orifice plate (12) provided with openings capable of defining discharge ports (13) for discharging the ink of a recording head (11) carried on an ink jet recording apparatus, characterized by the provision of positioning

portions (14) usable for the positioning of the discharge ports (13) in the ink jet recording apparatus. The specification also discloses an ink jet recording head using such orifice plate (12), and an ink jet recording apparatus carrying the head (11) thereon.

FIG.2



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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.4)
A	US-A-4047186 (KENDALL ET AL) * column 3, lines 60 - 65; figures *  * column 6, lines 5 - 64 *  -----	1, 3, 4, 6-8, 10, 11, 13, 18 19, 22, 30	B41J3/04
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 JULY 1990	Examiner ROBERTS N.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			