

Title (en)

Ink jet head and method for fabricating the same

Title (de)

Tintenstrahldruckkopf und Verfahren zu seiner Herstellung

Title (fr)

Tête d'impression à jet d'encre et procédé pour sa fabrication

Publication

**EP 0716925 A3 19970416 (EN)**

Application

**EP 95119708 A 19951214**

Priority

JP 31099894 A 19941214

Abstract (en)

[origin: EP0716925A2] An ink jet head according to the present invention includes: a substrate; an orifice plate having an opening, 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 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. <IMAGE>

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Citation (search report)

- [A] EP 0479441 A2 19920408 - SEIKO EPSON CORP [JP]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 177 (M - 0960) 9 April 1990 (1990-04-09)

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