

Title (en)

INKJET HEAD, INKJET RECORDING DEVICE, AND METHOD OF MANUFACTURING INKJET HEAD

Title (de)

TINTENSTRAHLKOPF, TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES TINTENSTRAHLKOPFS

Title (fr)

TÊTE À JET D'ENCRE, DISPOSITIF D'IMPRESSION À JET D'ENCRE, ET PROCÉDÉ DE FABRICATION DE TÊTE À JET D'ENCRE

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3235643A1] An inkjet head includes a head chip 1 including a driving channel 11a and a nozzle 21 ejecting ink in the driving channel 11a and provided on a surface of a driving wall facing an inside of the driving channel 11a with a driving electrode 13 and a wiring board 3 connected to a rear surface of the head chip 1 to cover the driving channel 11a. The wiring board 3 is provided at a position thereof corresponding to the driving channel 11a with a through hole 31 adapted to introduce ink into the driving channel 11a. A constricted portion having a smaller cross-sectional area than those of the end portions is formed between end portions of the through hole 31 in an ink introducing direction, and flow path resistance of the through hole 31 is a value of 0.2 or higher. Accordingly, even low-viscosity ink can be ejected in a stable manner.

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