

Title (en)

Inkjet head and method for manufacturing inkjet head

Title (de)

Tintenstrahlkopf und Verfahren zur Herstellung eines Tintenstrahlkopfs

Title (fr)

Tête à jet d'encre et procédé de fabrication d'une tête à jet d'encre

Publication

EP 2749423 B1 20151202 (EN)

Application

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Priority

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Abstract (en)

[origin: EP2749423A1] A state of adhesive fillets in an opening portion of a dummy channel is optimized, and an ink can be stably discharged without closing the dummy channel with the adhesive. There is provided an inkjet head comprising: a head chip that has a channel column having channels and drive walls 12 alternately arranged therein and also has opening portions 110 of channels arranged in a front surface and a rear surface thereof; and a wiring substrate that is joined to the rear surface of the head chip so as to cover the channel column, the channel column having drive channels 11a and dummy channels 11b alternately arranged therein, the wiring substrate having ink supply through holes at positions associated with the opening portions 110 of the drive channels 11a, the wiring substrate being joined to the rear surface of the head chip through an adhesive 6 to close the square opening portion 110 of each dummy channel 11b, wherein adhesive fillets 61 made of the adhesive 6 in the opening portion 110 of each dummy channel 11b are independently present at four corners of the opening portion 110.

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