

Title (en)

Inkjet head and method for leading out wiring line of inkjet head

Title (de)

Tintenstrahldruckkopf und Verfahren zum Herausleiten einer Verdrahtungsleitung eines Tintenstrahlkopfes

Title (fr)

Tête à jet d'encre et procédé de retrait de ligne de câble de tête à jet d'encre

Publication

EP 2803486 B1 20191016 (EN)

Application

EP 14167447 A 20140507

Priority

JP 2013105654 A 20130517

Abstract (en)

[origin: EP2803486A1] Provided is an inkjet head that enables an individual electrode corresponding to an ink chamber provided in an ink chamber forming member to be electrically led to the outside of the ink chamber forming member by using a substrate bonded to this ink chamber forming member without a reduction in strength of the substrate. There is provided an inkjet head having: an ink chamber forming member 1 that has an ink inlet 11b of an ink chamber 11 from which an ink is discharged and an individual electrode 12 to which a voltage for providing the ink in the ink chamber 11 with discharge energy is applied being arranged on one side thereof; and a substrate 3 provided on the one side of the ink chamber forming member 1, wherein a first through hole 31 that communicates with the ink inlet 11b of the ink chamber forming member 1 to form an ink chamber is provided in the substrate 3, and a wiring line 32 electrically connected with the individual electrode 12 is led out to a surface 3b of the substrate 3 on the opposite side of the ink chamber forming member 1 via the first through hole 31.

IPC 8 full level

B41J 2/14 (2006.01)

CPC (source: EP)

B41J 2/14209 (2013.01); **B41J 2002/14491** (2013.01); **B41J 2202/18** (2013.01)

Cited by

EP4311675A1; EP4328037A1; US10836165B2; US10328697B2

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