

Title (en)

Ink jet print head.

Title (de)

Tintenstrahldruckkopf.

Title (fr)

Tête d'impression par jet d'encre.

Publication

EP 0671270 A3 19951227 (DE)

Application

EP 95250037 A 19950213

Priority

DE 9404328 U 19940310

Abstract (en)

[origin: EP0671270A2] The ink jet print head has a two-sided surface structure for ink chambers (101,105) and corresp. channels on a central part (3), outer membrane plates and an arrangement for feeding and ejecting ink from a chamber associated with each nozzle. Different structures are formed on the opposite sides of the central part so that at least two groups of chambers are at a distance apart in the x, y and z directions. The nozzle channels leading to a single row of nozzles (1) are formed on one side of the central part. The central part has vertical and horizontal ink channels so that there is a relatively short ink path from the chambers to the row of nozzles.

IPC 1-7

B41J 2/14

IPC 8 full level

B41J 2/14 (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [A] DE 3311956 A1 19831013 - RICOH KK [JP]
- [A] EP 0581395 A2 19940202 - FRANCOTYP POSTALIA GMBH [DE] & DE 4225799 A1 19940203 - FRANCOTYP POSTALIA GMBH [DE]

Designated contracting state (EPC)

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