

Title (en)

Apparatus to prevent nozzle clogging of an inkjet printhead

Title (de)

Anordnung zur Reinhaltung der Düsen eines Tintendruckkopfes

Title (fr)

Dispositif pour tenir propre les buses d'une tête à jet d'encre

Publication

EP 0749836 B1 19991222 (DE)

Application

EP 96250110 A 19960521

Priority

DE 19522593 A 19950619

Abstract (en)

[origin: EP0749836A1] The ink jet printer has a print head (2) that has an array of nozzles (27) coupled to chambers (24) that have electrical actuators to generate pulse of ink. The chambers are coupled to a main supply (3). The front of the housing has a cover (11) with a slot in line with the nozzles. In the lower half of the head is a chamber (4) and nozzle (27,28) that is actuated in the pause between printing to create a vaporised micro climate (121) around the print nozzles to prevent the ink drying out

IPC 1-7

B41J 2/165

IPC 8 full level

B41J 2/165 (2006.01)

CPC (source: EP US)

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Cited by

EP1052099A1; EP1979168A4; US8876252B2; WO2012151179A1; US10137691B2; US6283575B1; US10124597B2

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