

Title (en)

Print head for an ink jet printer

Title (de)

Druckkopf für einen Tintenstrahldrucker

Title (fr)

Tête d'impression pour une imprimante à jet d'encre

Publication

EP 0945272 A3 20000126 (EN)

Application

EP 99106319 A 19990326

Priority

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Abstract (en)

[origin: EP0945272A2] A print head for an ink jet printer of the present invention includes a plurality of nozzles (6) for ejecting ink, an ink passage (3a,3,3b,5) fluidly communicated to the nozzles (6), and a filter (4) disposed in the ink passage (3a,3,3b,5). The ink passage (3a,3,3b,5) has a hydrophobic wall (9) upstream of the filter (4) and a hydrophilic wall (10) downstream of the filter. The print head is capable of reducing the deposition of bubbles on a nozzle portion and thereby insuring desirable printing free from defective ink ejection. <IMAGE>

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CPC (source: EP)

B41J 2/17523 (2013.01); **B41J 2/17563** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 3 28 April 1995 (1995-04-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 563 (M - 1058) 14 December 1990 (1990-12-14)

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