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(72) Inventors:
 • **Kusumi, Tatsuya**
Kashiwazaki-shi, Niigata (JP)
 • **Tanaka, Koichi**
Kashiwazaki-shi, Niigata (JP)

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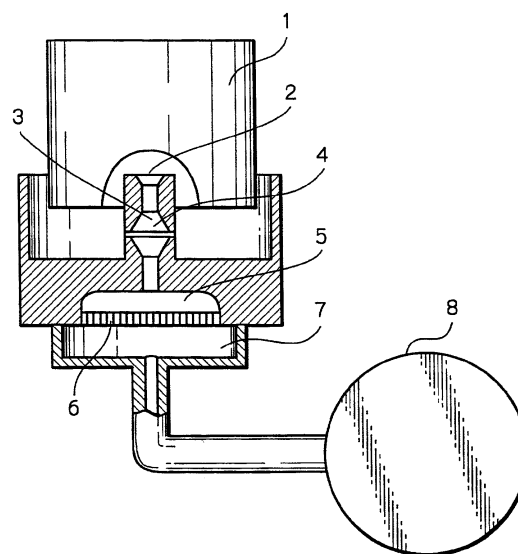
(74) Representative:
von Samson-Himmelstjerna, Friedrich R.,
Dipl.-Phys. et al
SAMSON & PARTNER
Widenmayerstrasse 5
80538 München (DE)

(71) Applicant: **NEC CORPORATION**
Tokyo (JP)

(54) **Print head for an ink jet printer**

(57) 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.

Fig. 1





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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Place of search THE HAGUE		Date of completion of the search 1 December 1999	Examiner Rivero, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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