



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
18.08.1999 Bulletin 1999/33

(51) Int Cl.⁶: B41J 2/14, B41J 2/05

(43) Date of publication A2:
28.10.1998 Bulletin 1998/44

(21) Application number: 98302015.7

(22) Date of filing: 18.03.1998

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: 27.03.1997 US 826324

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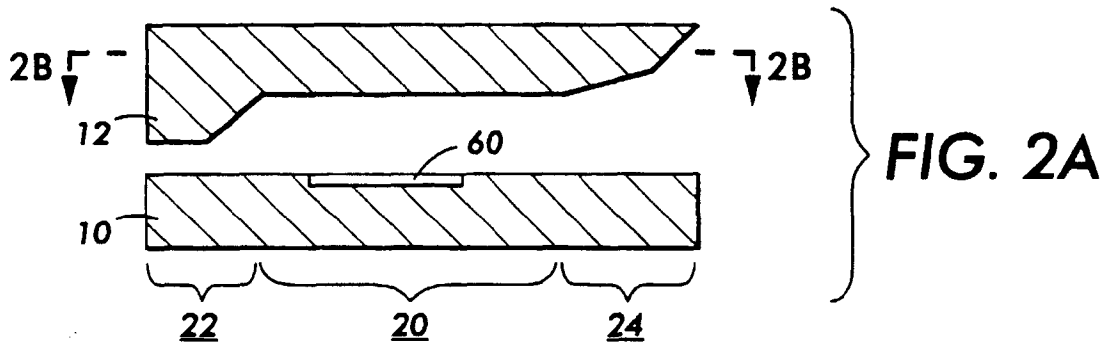
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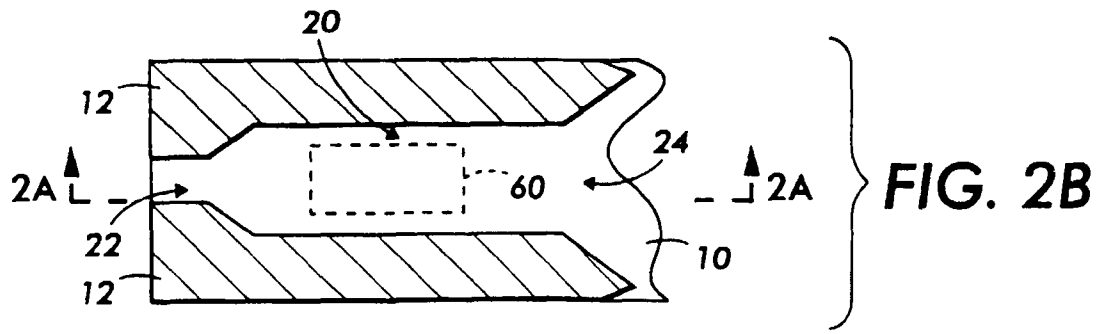
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(54) Thermal ink jet printhead suitable for viscous inks

(57) A thermal ink-jet printhead includes ejectors which define channels for the passage of liquid ink therethrough. A heating element (60) for nucleating liquid ink is disposed in a heating portion (20) of each channel. A nozzle portion (22) of the channel is smaller in

cross-sectional area than the heating portion (20), and a manifold portion (24), through which new liquid ink enters the heating portion (20), is larger in cross-sectional area than the heating portion (20). The design is advantageous for ejecting inks of viscosity greater than 2 centipoise.







European Patent
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EUROPEAN SEARCH REPORT

Application Number
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| Place of search THE HAGUE | | Date of completion of the search 22 June 1999 | Examiner Bardet, M |
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EPO FORM 1503 03.82 (P04C01)



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