Title (en)

Ink jet head

Title (de)

Tintenstrahlkopf

Title (fr)

Tête à jet d'encre

Publication

EP 1031422 A2 20000830 (EN)

Application

EP 00107972 A 19950227

Priority

- EP 95301259 A 19950227
- JP 5987294 A 19940303
- JP 684595 A 19950120

Abstract (en)

A multi-nozzle ink jet head comprising a plurality of pressure chambers adapted for accommodating ink; a plate or plates including a plurality of nozzles for jetting ink particles out of the pressure chambers when pressure is applied to the pressure chambers; a pressurizing member (43) including a plurality of pressurizing plates (22) separated from one another and provided for respective ones of the pressure chambers; and actuating means for driving each pressurizing plate (22) independently in order to apply pressure to said pressure chambers; wherein said pressurizing member (43) comprises a common holding member (430), said plurality of pressurizing plates (22), and a plurality of ribs connecting said plurality of pressurizing plates (22) to said common holding member (430). <IMAGE>

IPC 1-7

B41J 2/045; B41J 2/14

IPC 8 full level

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CPC (source: EP)

B41J 2/14274 (2013.01); B41J 2002/14387 (2013.01); B41J 2002/14491 (2013.01)

Citation (applicant)

- JP H09100916 A 19970415 - NIPPON REINZ CO LTD
- WO 9200849 A1 19920123 - FUJITSU LTD [JP]

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EP1815991A3; US7585061B2; US7699442B2; US8042919B2

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EP 0670218 A2 19950906; **EP 0670218 A3 19970108**; **EP 0670218 B1 20021211**; DE 69529112 D1 20030123; DE 69529112 T2 20030417; DE 69529354 D1 20030213; DE 69529354 T2 20040401; EP 1031422 A2 20000830; EP 1031422 A3 20010110; EP 1031422 B1 20030108; JP 2721127 B2 19980304; JP H07290705 A 19951107

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