

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 December 2002 (27.12.2002)

PCT

(10) International Publication Number
WO 02/102597 A2

(51) International Patent Classification⁷: **B41J 2/00**

(21) International Application Number: PCT/US01/28151

(22) International Filing Date:
6 September 2001 (06.09.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/883,398 19 June 2001 (19.06.2001) US

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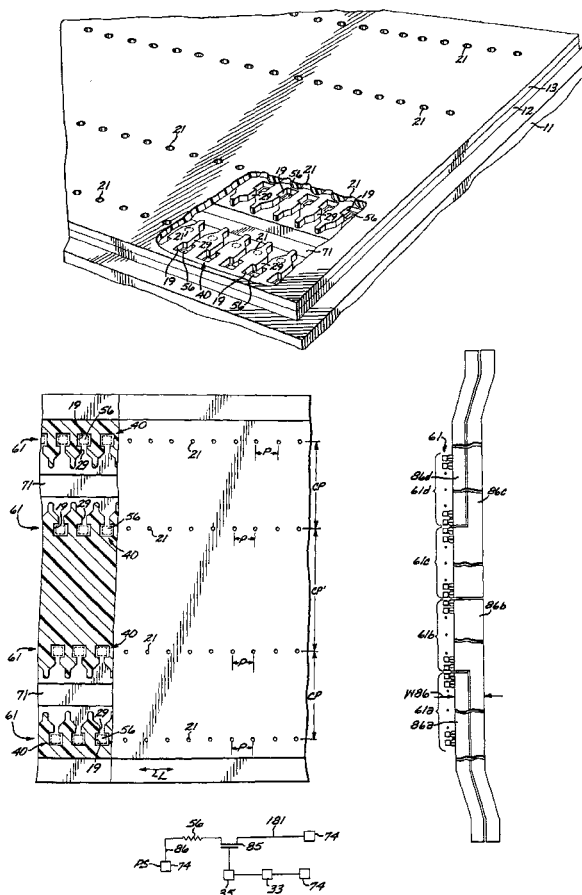
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,

[Continued on next page]

(54) Title: COMPACT INK JET PRINthead



(57) Abstract: A compact thermal ink jet printhead including a printhead substrate (11), a plurality of side by side columnar arrays (61) of drop generators (40) formed in the printhead substrate, and drive circuits (85) formed in the printhead substrate for energizing each ink drop generator. The printhead substrate has an ink drop generator packing density of at least 10.43 ink drop generators per square millimeter.

WO 02/102597 A2



SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

Published:

— without international search report and to be republished upon receipt of that report

(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.