



(51) International Patent Classification:
B41J 2/135 (2006.01)

(21) International Application Number:
PCT/AU2009/000953

(22) International Filing Date:
27 July 2009 (27.07.2009)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **SILVERBROOK RESEARCH PTY LTD** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCAVOY, Gregory John** [IE/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **O'REILLY, Ronan Padraig Sean** [IE/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **JOHNSTONE, David McLeod** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). **SILVERBROOK, Kia** [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) Agent: **SILVERBROOK RESEARCH PTY LTD**; 393 Darling Street, Balmain, New South Wales 2041 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

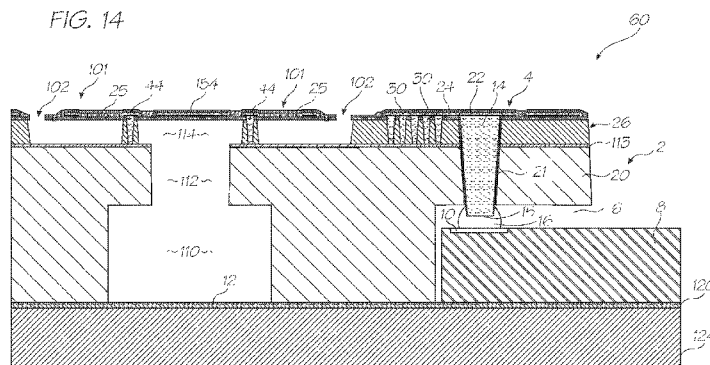
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: INKJET PRINthead ASSEMBLY HAVING BACKSIDE ELECTRICAL CONNECTION

FIG. 14



(57) Abstract: An inkjet printhead assembly comprising an ink supply manifold; printhead integrated circuits and a connector film for supplying power to drive circuits in the printhead integrated circuits. Each printhead integrated circuit has a frontside comprising the drive e circuitry and inkjet nozzle assemblies, a backside attached to the ink supply manifold, and ink supply channels providing fluid communication between the backside and the inkjet nozzle assemblies. A connection end of the connector film is sandwiched between part of the ink supply manifold and the printhead integrated circuits.