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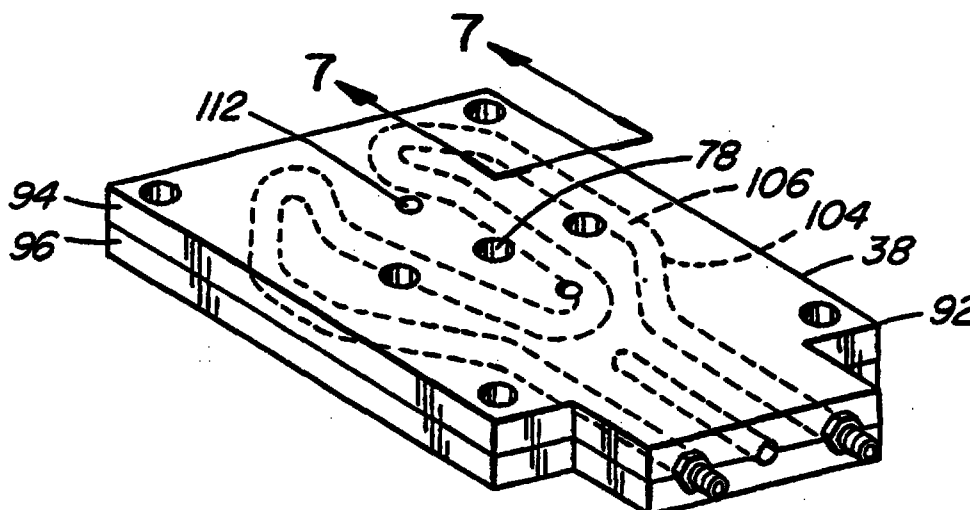
(43) International Publication Date
7 December 2000 (07.12.2000)

PCT

(10) International Publication Number
WO 00/73041 A1

- (51) International Patent Classification⁷: B29C 45/27, 45/74
- (21) International Application Number: PCT/CA00/00581
- (22) International Filing Date: 18 May 2000 (18.05.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2,273,517 1 June 1999 (01.06.1999) CA
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- (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— With international search report.
- 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.

(54) Title: INJECTION MOLDING HEATER WITH MELT BORE THERETHROUGH



(57) Abstract: An injection molding heater (38) having one or more melt bores (78) extending therethrough to be removably mounted between the melt distribution manifold (26) and each nozzle (10) in a multi-gate injection molding system. The heater (38) has a planar body (92) made of a thermally conductive material and heat is provided to it by a heating element (98) which can be electrical or a heat pipe or by a heated fluid flowing through a passage (126) in the planar body (92). Each one or more of the heaters (38) can be connected to separately controlled power sources to separately adjust the heat provided by the heaters (38).

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