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(21) International Application Number: PCT/GB99/04224 (22) International Filing Date: 21 December 1999 (21.12.99) (30) Priority Data: 9828423.5 24 December 1998 (24.12.98) GB (71) Applicant (for all designated States except US): THE UNIVERSITY OF MANCHESTER [GB/GB]; Institute of Science and Technology, P.O. Box 88, Manchester M60 1QD (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): READMAN, Matthew [GB/GB]; 25 Ogden Street, Prestwich, Manchester M25 1JL (GB). (74) Agent: ALLMAN, Peter, John; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).		(81) Designated States: 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, ARIPO patent (GH, GM, KE, LS, MW, 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 <i>With international search report.</i>
(54) Title: PIPE COUPLING (57) Abstract A coupling comprising a tubular inner member (9) defining a socket dimensioned to receive a pipe to be connected to the coupling. The inner member (9) is positioned within a tubular body (1) to define a closed annular chamber, and an inlet (2) is provided through the body so as to communicate with the chamber. In use, pressurised fluid such as a setting resin is introduced through the inlet (2) into the chamber. The pressure of the introduced fluid is sufficient to cause the radially inwards deformation of the tubular inner member (9) so as to grip the pipe (13, 14) which is received within the socket. Pressure may be applied up to a predetermined limit, or until seal failure.		