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(21) International Application Number: PCT/GB95/02877 (22) International Filing Date: 11 December 1995 (11.12.95) (30) Priority Data: 9425031.3 / 9 December 1994 (09.12.94) GB (71) Applicant: ALPHA FRY LIMITED [GB/GB]; Tandem House, Marlowe Way, Beddington Farm Road, Croydon CR0 4XS (GB). (72) Inventors: SOUTAR, Andrew, McIntosh; 6 Leslie Road, London N2 8BN (GB). McGRATH, Peter, Thomas; 16782 Von Karman Avenue, Irvine, CA 92714 (US). (74) Agent: BOULT WADE TENNANT; 27 Furnival Street, London EC4A 1PQ (GB).		(81) Designated States: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, LS, MW, SD, SZ, UG). Published <i>With international search report.</i>
(54) Title: PRINTED CIRCUIT BOARD MANUFACTURE (57) Abstract A process used during manufacture of PCB's comprises protecting metal pads and/or through-holes to provide a tarnish-resistant and solderable coating. In the method the pads and/or through-holes are bright-etched, metal plated, preferably by an immersion process, and treated with a tarnish inhibitor. The tarnish inhibitor may be incorporated into the immersion plating bath. The metal plating is usually with silver or bismuth and the pads and/or through-holes comprise copper.		