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(21) International Application Number: PCT/GB95/01746 (22) International Filing Date: 24 July 1995 (24.07.95) (30) Priority Data: 9414858.2 22 July 1994 (22.07.94) GB (71) Applicant (for all designated States except US): BAJ COATINGS LIMITED [GB/GB]; Banwell, Weston-Super-Mare, Avon BS24 8PD (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): FOSTER, John [GB/GB]; 3 Vian End, Worle, Weston-Super-Mare, Avon BS22 9QD (GB). (74) Agents: REES, David, Christopher et al.; Kilburn & Strode, 30 John Street, London WC1N 2DD (GB).	(81) Designated States: 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, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, 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, MW, SD, SZ, UG). Published With international search report.	
(54) Title: PROTECTIVE COATING (57) Abstract A method of producing a coating on a substrate comprises depositing by electrolytic deposition a metal matrix M_1 from a bath containing particles of $CrAlM_2$ so as to co-deposit the particles with the matrix, M_1 being Ni or Co or Fe or two or all of these elements and M_2 being Y, Si, Ti, Hf, Ta, Nb, Mn, Pt, a rare earth element or two or more of these elements, the deposition being carried out at a current density of less than 3 mA per square centimetre. Preferably, the deposition forms a layer less than 50 μm thick, and occurs at a bath loading of less than 40 g/l of the particles.		

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