DCS
COPY

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

G00002

(43) International Publication Date
28 March 2002 (28.03.2002)

PCT

(10) International Publication Number
WO 02/24824 A1

(51) International Patent Classification[7]: C09D 183/06, C08F 290/14

(21) Interr[illegible]7 C09D183/06 C08F290/14 :33

(22) International Filing Date:
21 September 2001 (21.09.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

PCT/GB00/03643	22 September 2000 (22.09.2000)	GB
0107233.9	22 March 2001 (22.03.2001)	GB
0109301.2	12 April 2001 (12.04.2001)	GB

(71) Applicant *(for all designated States except US)*: **THE WELDING INSTITUTE** [GB/GB]; Granta Park, Great Abington, Cambridge CB1 6AL (GB).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **TAYLOR, Alan** [GB/GB]; The Welding Institute, Granta Park, Great Abington, Cambridge CB1 6AL (GB).

(74) Agent: **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LM (GB).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MZ, NO, NZ, PH, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

162162

WO 02/24824 A1

(54) Title: COATING COMPOSITIONS

(57) Abstract: A coating composition comprises an inorganic phase homogeneously mixed with an organic phase, the inorganic phase being obtainable by hydrolysis of first and second hydrolysable inorganic monomer precursors, the first hydrolysable inorganic monomer precursors (A1) being different to the second hydrolysable monomer precursors (A2) and having at least two hydrolysable ligands, and the second hydrolysable inorganic monomer precursors having at least one non-hydrolysable ligand, the organic phase comprising polymerisable organci species, characterised in that the molar ratio, R (A), of first hydrolysable inorganic monomer precursors (A1): total hydrolysable inorganic monomer precursors (A1 & A2) is in the range 0.4 t 0.99.