

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 June 2007 (28.06.2007)

PCT

(10) International Publication Number
WO 2007/071331 A3

(51) International Patent Classification:
C09D 5/02 (2006.01) *C09D 5/22* (2006.01)

(21) International Application Number:
PCT/EP2006/011942

(22) International Filing Date:
12 December 2006 (12.12.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0525985.8 21 December 2005 (21.12.2005) GB

(71) Applicant (for all designated States except US): **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; 20 Manchester Square, London WU1 3AN (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TAYLOR, Celia, Charlotte** [GB/GB]; 23 Bunces Close, Elton Wick, Windsor, Berkshire SL4 6PL (GB). **CHANDLER, Ralph, Edward** [GB/GB]; 34 Delta Road, Chobham, Surrey GU24 8PZ (GB). **SPIERS, Peter, Mark** [GB/GB]; 12 Richmond Avenue, Hillingdon, Uxbridge, Middlesex UB10 9BQ (GB). **WREN, Gary, Thomas** [GB/GB]; 136 Feltham Road, Ashford, Middlesex TW15 1AD (GB). **ELLIOT, David** [GB/GB]; 14 Oak Tree Avenue, Marlow, Buckinghamshire SL7 3EJ (GB).

(74) Agent: **ELLIS, Christopher**; ICI Paints, ICI Group Intellectual Property, P O Box 1883, Wexham Road, Slough PDO, Berkshire SL2 5FD (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (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

(88) Date of publication of the international search report:
23 August 2007

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: A COATING COMPOSITION

(57) Abstract: A coloured coating composition comprising a white base paint and at least one coloured pigment in a form that can be readily mixed with the white base paint, the white base paint comprising a film-forming polymer, a liquid carrier, one or more opacifying white pigments and one or more extenders, the coloured coating composition having a light reflectance value Y less than 110, and greater than that defined by the equation $Y = mC + K$, where $25 > C > 1.0$, C being the chroma of the coloured coating composition, m and K being empirical coefficients selected according to the type and number of the type of the at least one coloured pigment, and dependant on the hue angle of the coating composition.



WO 2007/071331 A3