



(51) International Patent Classification:

E04D 1/28 (2006.01) *C09D 7/12* (2006.01)
E04F 13/00 (2006.01) *C09D 5/00* (2006.01)
C09D 7/00 (2006.01)

(21) International Application Number:

PCT/EP2012/058849

(22) International Filing Date:

14 May 2012 (14.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11166234.2 16 May 2011 (16.05.2011) EP

(71) Applicant (for all designated States except US): **AKZO NOBEL COATINGS INTERNATIONAL B.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MURRAY, Kenneth, Andrew** [GB/GB]; 35 Castle Drive, Maidenhead, Berkshire SL6 6DB (GB). **OSBORN, Barry, Norman** [GB/GB]; 3 Bramble Road, Hatfield, Hertfordshire AL10 9RZ (GB).

(74) Agent: **DE VRIES, Adriaan, Jacobus**; Akzo Nobel N.V., Legal, IP & Compliance, P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: SOLAR INFRA RED REFLECTIVE PAINTS

(57) Abstract: An Infra Red-reflective architectural paint composition comprising: i. red iron oxide pigment ii. phthalocyanine blue pigment iii. titanium dioxide and optionally yellow iron oxide wherein the composition is free of Infra Red-absorptive black pigments, Infra Red- transparent black pigments and Infra Red-reflective black pigments, has a lightness value, L*, when dry, of from 38 to 88 and the weight ratio of i:ii is from 3 : 1 to 15: 1.

