

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 August 2010 (05.08.2010)

(10) International Publication Number
WO 2010/088250 A1

PCT

(51) International Patent Classification:
C08K 3/00 (2006.01) **C09D 5/08** (2006.01)

(21) International Application Number:
PCT/US2010/022194

(22) International Filing Date:
27 January 2010 (27.01.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/147,583 27 January 2009 (27.01.2009) US
12/693,626 26 January 2010 (26.01.2010) US

(71) Applicant (for all designated States except US): **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LINGENFELTER, Thor, G.** [US/US]; 411 Belle Street, Evans City, PA 16033 (US). **FOLEY, Amanda** [US/US]; 137 William Circle, McKees Rocks, PA 15136 (US). **RAKIEWICZ, Edward, F.** [US/US]; 1193 Woodhill Drive, Gibsonia, PA 15044 (US). **KARABIN, Richard, F.** [US/US]; 107 Karabin Lane, Ruffs Dale, PA 15679 (US).

(74) Agents: **PALLADINO, Donald, R.** et al.; PPG Industries, Inc., One PPG Place, 39th Floor, Pittsburgh, PA 15272 (US).

(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, RO, RS, RU, 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, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, 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))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: ELECTRODEPOSITABLE COATING COMPOSITION COMPRISING SILANE AND YTTRIUM

(57) Abstract: An electrodepositable coating composition comprising: (i) a film-forming polymer, (ii) a corrosion inhibitor, and (iii) a silane that does not contain an ethylenically unsaturated double bond.



WO 2010/088250 A1