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9805490-1
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C09C 1/36, 3/06	A1	(11) International Publication Number: WO 98/38256 (43) International Publication Date: 3 September 1998 (03.09.98)
(21) International Application Number: PCT/US98/03664 (22) International Filing Date: 25 February 1998 (25.02.98) (30) Priority Data: 08/807,732 27 February 1997 (27.02.97) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 08/807,732 (CON) Filed on 27 February 1997 (27.02.97) (71) Applicant (for all designated States except US): KERR-MCGEE CHEMICAL L.L.C. [US/US]; 123 Robert S. Kerr Avenue, Oklahoma City, OK 73102 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): HALKO, John, E. [US/US]; Route 2, Box 42E, Okarche, OK 73762 (US). TYLER, Frances, K. [US/US]; 4100 Canaan Creek Road, Edmond, OK 73034 (US). (74) Agents: LANE, Philip, D. et al.; McKinney & Stringer, P.C., BancFirst Building, Suite 800, 101 N. Broadway, Oklahoma City, OK 73102 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, 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). Published <i>With international search report.</i>
(54) Title: INORGANIC PIGMENT COATED WITH INORGANIC OXIDES (57) Abstract Improved coated inorganic pigments having a first coating of Al₂O₃, SiO₂, or optionally other oxide such as a source of P₂O₅, or mixtures thereof, an optional coating of ZrO₂, SnO₂, TiO₂, SiO₂, CeO₂ or mixtures thereof, and a final coating of Al₂O₃ which exhibit good durability, dispersibility, and optical properties in plastic or paint compositions are disclosed. Also disclosed is a process whereby an aqueous slurry of an inorganic pigment is milled to achieve a particular particle size distribution, a first coating of Al₂O₃, SiO₂, or optionally other oxide such as a source of P₂O₅, or mixtures thereof is precipitated onto the pigment material within a first pH range, an optional amount of ZrO₂, SnO₂, SiO₂, TiO₂, CeO₂ or mixtures thereof is added to the aqueous slurry within a second pH range to obtain an optional coating over the first coating, and a final coating of Al₂O₃ is added over the prior coating(s).		