

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 December 2011 (22.12.2011)

PCT

(10) International Publication Number
WO 2011/159977 A1

(51) International Patent Classification:
C08J 3/12 (2006.01) *B29B 9/16* (2006.01)

(21) International Application Number:
PCT/US2011/040820

(22) International Filing Date:
17 June 2011 (17.06.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/356,220 18 June 2010 (18.06.2010) US

(71) Applicant (for all designated States except US): **DOW GLOBAL TECHNOLOGIES LLC** [US/US]; 2040 Dow Center, Midland, MI 48674 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DHODAPKAR, Shrikant** [US/US]; 121 Rosewood St., Lake Jackson, TX 77566 (US). **KALINOWSKI, Matthew, J.** [US/US]; 12729 Hotchkiss Road, Freeland, MI 48623 (US). **GUERRA, Suzanne** [US/US]; 104 Paint Brush Street, Lake Jackson, TX 77566 (US). **BATRA, Ashish** [IN/US]; 12666 Windham Pass, Carmel, IN 46032 (US). **WEVERS, Ronald** [NL/NL]; Waterhyacint 2, NL-4533RD Terneuzen (NL). **LAKEMAN, Pascal E.R.E.J.** [NL/NL]; Antwerpsestraatweg 255, NL-4624 JH Bergen Op Zoom (NL).

(74) Agent: **ASHBURG, Ray**; The Dow Chemical Company, P.O. Box 1967, Midland, Michigan 48641-1967 (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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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: COATED POLYMERIC PARTICULATES, AND A PROCESS FOR COATING POLYMERIC PARTICULATES

(57) Abstract: The instant invention provides coated polymeric particulates, and a method for producing polymeric particulates. The coated polymeric particulates according to the present invention comprise (a) one or more polymeric particulates; and (b) a coating composition present on at least a portion of at least one surface of said polymeric particulate, wherein said coating composition comprises a dispersion comprising: (1) one or more base polymers, (2) one or more stabilizing agents; (3) one or more bio-cide agents; (4) one or more neutralizing agents; and (5) water.



WO 2011/159977 A1