

01/07/02
200 2839451

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 June 2002 (06.06.2002)

PCT

(10) International Publication Number
WO 02/44255 A1

- (51) International Patent Classification⁷: C08J 9/32, (74) Agent: KEEFER, Timothy, J.; Wildman, Harrold, Allen & Dixon, 225 West Wacker Drive, Chicago, IL 60606 (US).
C08K 3/26, C04B 12/04, 16/08
- (21) International Application Number: PCT/US01/43526 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 16 November 2001 (16.11.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 09/724,736 28 November 2000 (28.11.2000) US
- (71) Applicant: UNITED STATES GYPSUM COMPANY [US/US]; 125 South Franklin Street, Chicago, IL 60606 (US).
- (72) Inventors: IMMORDINO, Salvatore, C., Jr.; 12340 259th Avenue, Trevor, WI 53179 (US). MILLER, Charles, J.; 5018 Brorson Lane, McHenry, IL 60050 (US). CIMAGLIO, Scott, A.; 4115 Bitternut Lane #304, Gurnee, IL 60031 (US). PICKLES, David, Martin; University of Bristol, Department of Anatomy, Southwell Street, Bristol BS2 8EJ (GB).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- 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.



162162



ACTION

WO 02/44255 A1

(54) Title: LIGHTWEIGHT READY-MX JOINT COMPOUND

(57) Abstract: The joint compound of the present invention utilizes hollow resin microspheres with a mean particle size less than 75 microns and exhibiting no more than 1.5 % increase in density under high shear stress testing.