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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C04B 12/04, 24/08, 35/16, 38/00	A1	(11) International Publication Number: WO 97/42131 (43) International Publication Date: 13 November 1997 (13.11.97)
(21) International Application Number: PCT/US97/07530 (22) International Filing Date: 1 May 1997 (01.05.97) (30) Priority Data: 08/642,925 6 May 1996 (06.05.96) US 08/677,875 10 July 1996 (10.07.96) US (71) Applicant (for all designated States except US): AGRITEC, INC. [US/US]; 1301 McKinney Street, Houston, TX 77010 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): WELLEN, Clyde, W. [-/US]; 2121 Kirby Drive, No. 79, Houston, TX 77019 (US), STEPHENS, Douglas K. [-/US]; 1116 Deats Road, Dickinson, TX 77539 (US), WELLEN, Greg, R. [-/US]; 1645 Brittnore Road, Houston, TX 77043 (US). (74) Agent: WEILER, James, F.; Suite 1560, 1 Riverway, Houston, TX 77056 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), 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 With international search report. With amended claims.
(54) Title: FINE-CELLED FOAM COMPOSITION AND METHOD (57) Abstract Disclosed is a rigid fine-celled foam composition and a method of producing it. The foam composition is nontoxic, environmentally friendly, has improved absorption/adsorption and retention of liquids, is not as hard as prior art foams, does not include polymerization by-products detrimental to flower and plant life, and is a foamed mixture of a caustic silicate solution derived from the caustic digestion of rice hull ash having diffused activated carbon particles from thermal pyrolysis of rice hulls rather than from commercial sodium silicate solutions. Valuable by-products of commodity grade are obtained including activated carbon and sodium fluoride.		