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(21) International Application Number: PCT/US96/20057 (22) International Filing Date: 20 December 1996 (20.12.96) (30) Priority Data: 08/581,836 2 January 1996 (02.01.96) US (71)(72) Applicants and Inventors: DAVIS, Robert, E. [US/US]; 125 Hillcrest Avenue, Hinsdale, IL 60521 (US). BARTHOLIC, David, B. [US/US]; 75 Wetumpka Lane, Watchung, NJ 07060 (US). (74) Agents: GARRETT, Arthur, S. et al.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).	(51) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, 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, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (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. 9803490-3. 1POS3 copy	

(54) Title: PROCESS FOR INCREASING THE ACTIVITY OF ZEOLITE CONTAINING PARTICULATE SOLIDS

(57) Abstract

A process for increasing the activity of a zeolite-containing particulate solid containing contaminants which block the pores of the zeolite and adversely affect the activity thereof wherein the contaminated zeolitic material is slurried with a liquid containing an acid, detergent or surfactant, the slurry is agitated to liberate the pore-blocking contaminants from the zeolite pores so that they are suspended in the liquid, a portion of the liquid is withdrawn from the slurry and filtered to remove the suspended contaminants, the resulting liquid is returned to the slurry, and the treated zeolite-containing particulate solid is removed from the solution and recovered.

