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(21) International Application Number: PCT/US97/18948 (22) International Filing Date: 17 October 1997 (17.10.97) (30) Priority Data: 60/028,830 17 October 1996 (17.10.96) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US). (72) Inventors: SMITH, Robert, S.; 1018 Buoy, Houston, TX 77062 (US). VERDUIJN, Johannes, P.; Vlieguit 28, B-3061 Leefdaal (BE). COLLE, Thomas, H.; 2319 Sycamore Grove, Houston, TX 77062 (US). MOHR, Gary, D.; 2018 Caravel Drive, League City, TX 77573 (US). BURGFELS, Gotz; Lenbachplatz 6, D-80333 München (DE). SCHONLINNER, Josef; Lenbachplatz 6, D-80333 München (DE). (74) Agents: SHERER, Edward, F. et al.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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, 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, UZ, VN, YU, ZW, ARIPO patent (GH, 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> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: SYNTHESIS OF LARGE CRYSTAL ZEOLITES (57) Abstract Large crystal zeolites are prepared by heating a zeolite synthesis mixture under agitation to a temperature equal to or less than the effective nucleation temperature of the zeolite synthesis mixture and thereafter the zeolite synthesis mixture is heated without agitation to a temperature equal to or greater than the effective nucleation temperature of the zeolite synthesis mixture.		