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(21) International Application Number: PCT/US97/12997 (22) International Filing Date: 22 July 1997 (22.07.97) (30) Priority Data: 08/690,693 31 July 1996 (31.07.96) US (71) Applicant: CHEVRON U.S.A. INC. [US/US]; 555 Market Street, San Francisco, CA 94105 (US). (72) Inventor: MILLER, Stephen, J.; 520 45th Avenue, San Francisco, CA 94121 (US). (74) Agents: SHERIDAN, Richard, J. et al.; Chevron Corporation, Law Dept., P.O. Box 7141, San Francisco, CA 94120-7141 (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, 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, 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. 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: PREPARATION OF Y ZEOLITE (57) Abstract A method is disclosed for preparing crystalline aluminosilicate Y zeolite from a reaction mixture containing only sufficient water to produce Y zeolite. In one embodiment, the reaction mixture is self-supporting and may be shaped if desired. In the method, the reaction mixture is heated at crystallization conditions and in the absence of an added external liquid phase, so that excess liquid need not be removed from the crystallized product prior to drying the crystals.		