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(21) International Application Number: PCT/US99/09111 (22) International Filing Date: 27 April 1999 (27.04.99) (30) Priority Data: 09/073,083 5 May 1998 (05.05.98) US (71) Applicant: EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US). (72) Inventors: LADWIG, Paul, Kevin; 9 Cottonwood Drive, Randolph, NJ 07869 (US). ASPLIN, John, Ernest; 18822 Windward Lane, Houston, TX 77058 (US). STUNTZ, Gordon, Frederick; 12217 Lake Lingham Circle, Baton Rouge, LA 70816 (US). CHEN, Tan-Jen; 5615 Lofty Magnolia Court, Kingwood, TX 77345 (US). (74) Agents: NAYLOR, Henry, E. et al.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: PROCESS FOR SELECTIVELY PRODUCING C ₃ OLEFINS IN A FLUID CATALYTIC CRACKING PROCESS		
(57) Abstract A process for selectively producing olefins containing 3 carbons from a catalytically cracked or thermally cracked naphtha stream. The process involves reacting the cracked naphtha in the presence of a catalyst containing from about 10 to 50 wt.% of a crystalline zeolite having an average pore diameter less than about 0.7 nanometers, stripping the catalyst, regenerating the catalyst and fractionating the reaction products. Process conditions include temperatures ranging from about 500-650 degrees celsius and a hydrocarbon partial pressure from about 10 to 40 psia.		