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(21) International Application Number: ACT/US95/15281 (22) International Filing Date: 22 November 1995 (22.11.95) (30) Priority Data: 08/344,034 23 November 1994 (23.11.94) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US). (72) Inventors: MOHR, Gary, David; 2018 Caravel Drive, League City, TX 77573 (US). CHEN, Tan-Jen; 5615 Lofty Magnolia Court, Kingwood, TX 77345 (US). CEM, Kenneth, Ray; 7407 Pine Green Lane, Humble, TX 77346 (US). JANSEN, Michilium, Johannes, Gerardus; Broekstraat 102, B-3010 Leuven (BE). RUZSKA, Philip, Andrew; 2010 Wind Creek Drive, Kingwood, TX 77345 (US). VERDIJN, Johannes, Petrus; Vlieguit 28, B-3061 Leefdaal (BE). (74) Agents: SHERER, Edward, F. et al.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).		(81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, MX, NO, NZ, PL, RO, RU, SG SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, LS, MW, SD, SZ, UG). Published <i>Without international search report and to be republished upon receipt of that report.</i> (1) A2 + A3 (2) A3 (Amended) (3) ZPER + Annexes (4) ZPER (Amended) (5) Replacement sheet 23-5-97.
(54) Title: HYDROCARBON CONVERSION PROCESS USING A ZEOLITE BOUND ZEOLITE CATALYST (57) Abstract <p>There is provided a process for converting hydrocarbons which utilizes a zeolite bound zeolite catalyst that has enhanced performance when utilized in hydrocarbon conversion processes, e.g., catalytic cracking, alkylation, disproportionation of toluene, isomerization, and transalkylation reactions. The catalyst comprises a first zeolite having particles of greater than about 0.1 micron average particle size and a binder comprising second zeolite particles having an average particle size less than said first particles.</p>		