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(21) International Application Number: PCT/US97/09608 (22) International Filing Date: 29 May 1997 (29.05.97) (30) Priority Data: 60/018,551 29 May 1996 (29.05.96) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US). (72) Inventors: CLEM, Kenneth, R.; 7407 Pine Green Lane, Humble, TX 77346 (US). MOHR, Gary, D.; 2018 Caravel Drive, League City, TX 77573 (US). SMITH, Robert, S.; 1018 Buoy, Houston, TX 77062 (US). (74) Agents: SHERER, Edward, F.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US) et al.		(81) Designated States: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, ARIPO patent (GH, 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 <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>
(54) Title: PROCESS FOR PRODUCING AROMATIC COMPOUNDS FROM ALIPHATIC HYDROCARBONS		
(57) Abstract <p>A dehydrocyclo-oligomerization process is provided for converting aliphatic hydrocarbons to aromatics by contacting the feedstock under conversion conditions with a zeolite bound zeolite catalyst. The zeolite bound zeolite catalyst comprises first zeolite crystals which are bound together by second zeolite crystals. If the zeolite bound zeolite catalyst is selectivated, the process can produce greater than equilibrium amounts of paraxylene.</p>		