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(71) Applicant *(for all designated States except US)*: **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **RAICH, Brenda, Anne** [US/US]; 11 Maple Avenue, Annandale, NJ 08801 (US). **CRANE, Robert, Andrew** [US/US]; 160 Kichline Road, Hellertown, PA 18055 (US). **ELIA, Christine, Nicole** [US/US]; 437 Garretson Road, Bridgewater, NJ 08807 (US). **JURGENS-KOWAL, Teresa, Ann** [US/US]; 1438 Cottage Cove Ct., Seabrook, TX 77586 (US). **MOHR, Gary, David** [US/US]; 2522 Deep Oak Court, Houston, TX 77059 (US). **STERN, David, Lawrence** [US/US]; 12221 Lake Estates Avenue, Baton Rouge, LA 70810 (US).

(74) Agents: **KELLER, Bradley, A.** et al.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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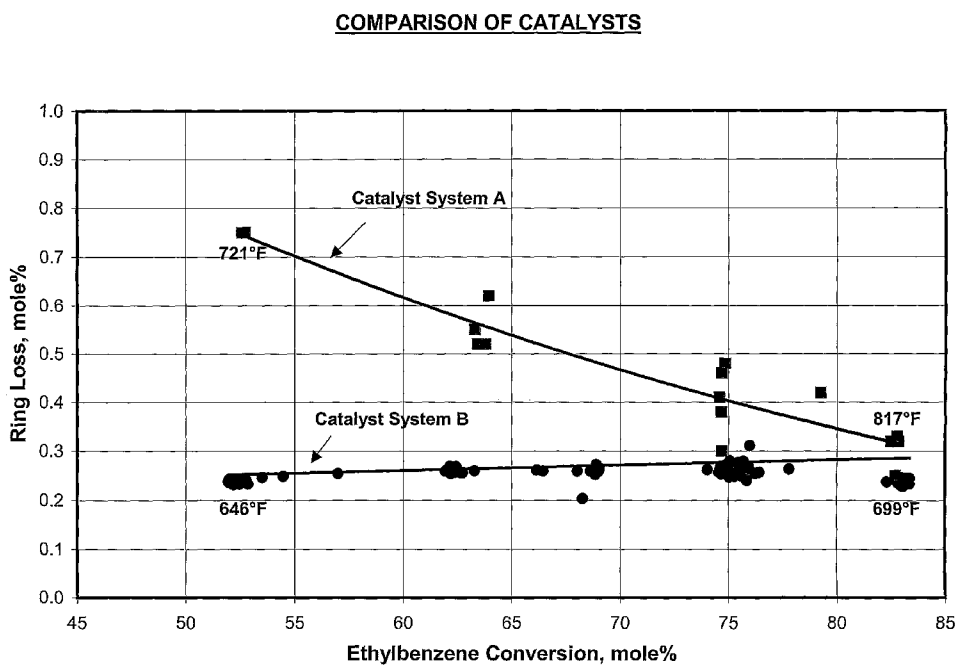
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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE,*

[Continued on next page]

(54) Title: XYLENES ISOMERIZATION CATALYST SYSTEM AND USE THEREOF



(57) Abstract: A catalyst system that exhibits a ratio of ethylene saturation to aromatics ring saturation of greater than 3,500. The catalyst system comprises two components and each component comprises a crystalline molecular sieve having a Constraint Index of from about 1 to about 12 and an effective amount of Group VIII metal. The catalyst system finds particular application in ethylbenzene conversion/xylenes isomerization reactions. The catalyst system can be prepared by incorporating the Group VIII metal into the molecular sieves by competitive ion exchange.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

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