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(21) International Application Number: PCT/US98/27007 (22) International Filing Date: 17 December 1998 (17.12.98) (30) Priority Data: 08/995,587 22 December 1997 (22.12.97) US (71) Applicant: CHEVRON CHEMICAL COMPANY LLC [US/US]; 6001 Bollinger Canyon Road, San Ramon, CA 94583-0947 (US). (72) Inventor: HARITATOS, Nicholas, J.; 1354 Contra Costa Drive, El Cerrito, CA 94530 (US). (74) Agents: TUCK, David, M. 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, GM, HR, HU, ID, 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, 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: ZEOLITE L CATALYST IN A FURNACE REACTOR (57) Abstract A process for catalytic reforming of feed hydrocarbons to form aromatics, comprising contacting the feed, under catalytic reforming conditions, with catalyst disposed in the tubes of a furnace, wherein the catalyst is a monofunctional, non-acidic catalyst and comprises a Group VIII metal and zeolite L, and wherein the furnace tubes are from 2 to 8 inches in inside diameter, and wherein the furnace tubes are heated, at least in part, by gas or oil burners located outside the furnace tubes.		