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(21) International Application Number: PCT/US98/13403 (22) International Filing Date: 30 June 1998 (30.06.98) (30) Priority Data: 08/888,224 3 July 1997 (03.07.97) US (71) Applicant: EXXON CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US). (72) Inventor: OU, John; 14643 Redwood Bend Trail, Houston, TX 77062 (US). (74) Agents: KELLER, Bradley, A. et al.; Exxon Chemical Com- pany, P.O. Box 2149, Baytown, TX 77522-2149 (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, GW, 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, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: REMOVAL OF BENZENE FROM ORGANIC STREAMS USING CYCLODEXTRINS (57) Abstract The present invention provides a method of separating benzene from a hydrocarbon mixture comprising providing a mixture comprising benzene and at least one other hydrocarbon, treating said mixture with at least one cyclodextrin in an amount and under conditions effective to form complexes of said cyclodextrin with at least a portion of said benzene, and separating said complexes from said mixture.		