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(21) International Application Number: PCT/EP97/00316 (22) International Filing Date: 22 January 1997 (22.01.97) (30) Priority Data: 591,064 25 January 1996 (25.01.96) US (71) Applicants (for all designated States except US): EXXON CHEMICAL LIMITED [GB/GB]; 4600 Parkway, P.O. Box 122, Farham, Hants PO15 7AP (GB). EXXON CHEMICAL PATENTS INC. [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): FERRARO, John, Michael [US/US]; 8641 Rainwood Avenue, Baton Rouge, LA 70810 (US). OU, John, Di-Yi [US/US]; 14643 Redwood Bend Trail, Houston, TX 77062 (US). OSMAN, Robert, Michael [US/US]; 15714 Pinewood Cove Drive, Houston, TX 77062 (US). COX, Graeme, Ian [AU/AU]; 18 Ravenswood Court, Doncaster East, VIC 3109 (AU). (74) Agents: WHITE, Nicholas, John et al.; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB).		(81) Designated States: AU, BR, CA, CN, IL, JP, KR, MX, RU, SG, UA, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: PROCESS FOR PRODUCTION OF PARAXYLENE (57) Abstract A feedstream comprising C8 aromatic hydrocarbons is processed as follows: at least a portion of the paraxylene is recovered and the resulting stream, depleted in paraxylene, is passed through a molecular sieve membrane, producing a permeate enriched in paraxylene.		