



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification : Not classified	A2	(11) International Publication Number: WO 99/22577 (43) International Publication Date: 14 May 1999 (14.05.99)
(21) International Application Number: PCT/US98/22024 (22) International Filing Date: 19 October 1998 (19.10.98) (30) Priority Data: 08/964,269 3 November 1997 (03.11.97) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventors: DEL ROSSI, Kenneth, Joseph; 1094 Locksley Court, Woodbury, NJ 08096 (US). PAPPAL, David, Andrew; 118 Peyton Avenue, Haddonfield, NJ 08033 (US). ROSE, Brenda, H.; 303, Mejiro House K, 3-25-10, Mejiro, Toshima-ku, Tokyo 171 (JP). (74) Agents: PRATER, Penny, L. et al.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).		(81) Designated States: CA, JP, KR, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: LOW PRESSURE NAPHTHA HYDROCRACKING PROCESS (57) Abstract This invention is directed to extinction recycle naphtha hydrocracking processes. Large pore zeolite catalysts with Constraint Indices less than 2, such as USY or beta, which are loaded with noble metals such as Pt or Pd or with transition metals such as Ni in combination with Mo or W are employed. Preferably, low hydrogen partial pressures, and a feedstock relatively rich in hydrogen are used, in order to prevent catalyst aging.		