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(21) International Application Number: PCT/US99/29745 (22) International Filing Date: 15 December 1999 (15.12.99) (30) Priority Data: 09/223,574 30 December 1998 (30.12.98) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventors: HATZIKOS, George, H.; 100 East Park Avenue, Haddonfield, NJ 08033 (US). KILIAN, Thomas, R.; 613 East Pleasant Grove Road, West Chester, PA 19382 (US). KIRKER, Garry, Wayne; #02-01 Wing on Life Apt., 335 Bukitimah Road, Singapore 259718 (SG). MO, W., Thomas; 3118 White Peach Place, Fairfax, VA 22031 (US). (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 With international search report.
(54) Title: LOW-PRESSURE HYDROCRACKING PROCESS		
(57) Abstract A catalytic process is provided for converting a high boiling point range petroleum stream to distillate range product which includes contacting a petroleum feedstock having a boiling range from 600° to 1100 °F with a hydrocracking catalyst having a zeolite component with a framework silica to alumina ratio of at least 200:1, preferably 2000:1, and a hydrogenation component. The process is conducted under superatmospheric hydrogen partial pressure to effect at least 20 % conversion, with at least 50 % of the converted product remaining in the boiling range of 330° to 730 °F.		