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(21) International Application Number: PCT/US99/04655 (22) International Filing Date: 11 March 1999 (11.03.99) (30) Priority Data: 60/078,022 14 March 1998 (14.03.98) US (71) Applicant: CHEVRON U.S.A. INC. [US/US]; 555 Market Street, San Francisco, CA 94105 (US). (72) Inventors: HABIB, Mohammad, M.; 421 Canyon Court, Benicia, CA 94510 (US). ZIEMER, James, N.; 987 Calle Verde, Martinez, CA 94553 (US). DAHLBERG, Arthur, J.; 887 Oxford Way, Benicia, CA 94519 (US). (74) Agents: KLAASSEN, Alan, W. 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, IN, 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, SL, 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: HYDROCARBON CONVERSION PROCESS AND CATALYSTS USED THEREIN (57) Abstract This invention relates to a process useful in converting hydrocarbonaceous oils into products of lower average molecular weight and lower average boiling point. The process comprises contacting said hydrocarbonaceous oils under hydrocracking conditions sufficient to convert at least about 30 % of the hydrocarbonaceous oils, which boil above 700 °F, to middle distillate components, having a boiling point of less than 700 °F, with a catalyst comprising a cracking component, a binder, a first hydrogenation consisting of palladium and a second hydrogenation component consisting of platinum wherein the molar ratio of palladium to platinum is between 10:1 and 1:10.		