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(21) International Application Number: PCT/US95/00235 (22) International Filing Date: 3 January 1995 (03.01.95) (30) Priority Data: 08/177,822 4 January 1994 (04.01.94) US 08/269,764 1 July 1994 (01.07.94) US (71) Applicant: CHEVRON CHEMICAL COMPANY [US/US]; 555 Market Street, P.O. Box 7141, San Francisco, CA 94120-7141 (US). (72) Inventors: HEYSE, John, V.; 190 Duperu Drive, Crockett, CA 94525 (US). KUNZE, Alan, G.; 542 Albemarle Avenue, El Cerrito, CA 94530 (US). (74) Agents: BOGGS, Jefferson, B., Jr. et al.; Burns, Doane, Swecker & Mathis, The George Mason Building, P.O. Box 1404, Alexandria, VA 22313-1404 (US).		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ). Published <i>With international search report.</i>	
(54) Title: CRACKING PROCESSES			
(57) Abstract Methods for cracking hydrocarbons in reactor systems having improved resistances to carburization and coking. The reactor system comprises a steel portion having provided thereon a Group VIB metal protective layer to isolate the steel portion from hydrocarbons, applied to a thickness effective for isolating the steel portion from the hydrocarbon environment. The protective layer is anchored to the steel substrate through an intermediate carbide-rich, bonding layer.			
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