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(21) International Application Number: PCT/US98/21766 (22) International Filing Date: 15 October 1998 (15.10.98) (30) Priority Data: 60/062,824 20 October 1997 (20.10.97) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventors: FORBUS, Thomas, R., Jr.; 30 Two Penny Run, Pilesgrove Township, Woodstown, NJ 08098 (US). JIANG, Zhaozhong; Apartment G-9, 968 Kings Highway, Thorofare, NJ 08086 (US). PARTRIDGE, Randall, D.; 229 Mountwell Avenue, Haddonfield, NJ 08033 (US). SCHRAMM, Suzanne, E.; 26 Cherry Circle, Glen Mills, PA 19342 (US). TREWELLA, Jeffrey, C.; 283 Hickory Drive, Kennett Square, PA 19348-1551 (US). (74) Agents: STEINBERG, Thomas, W. et al.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, 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, 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> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: ISOPARAFFINIC LUBE BASESTOCK COMPOSITIONS		
(57) Abstract		
A liquid hydrocarbon composition, containing paraffinic hydrocarbon components in which the extent of branching, as measured by the percentage of methyl hydrogens (BI), and the proximity of branching, as measured by the percentage of recurring methylene carbons which are four or more carbons removed from an end group or branch ($\text{CH}_2>4$), are such that: (a) $\text{BI} - 0.5(\text{CH}_2>4) > 15$; and (b) $\text{BI} + 0.85(\text{CH}_2>4) < 45$ as measured over said liquid hydrocarbon composition as a whole.		