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(21) International Application Number: PCT/EP97/07135 (22) International Filing Date: 9 December 1997 (09.12.97) (30) Priority Data: 766,829 13 December 1996 (13.12.96) US (71) Applicants: EXXON CHEMICAL PATENTS INC. [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). EXXON CHEMICAL LIMITED [GB/GB]; 4600 Parkway, P.O. Box 122, Fareham, Hants PO15 7AR (GB). EXXON RESEARCH & ENGINEERING COMPANY [US/US]; 200 Park Avenue, Florham Park, NJ 07932 (US). (72) Inventors: COYLE, Catherine, Louise; 16 Sterling Avenue, Mendham, NJ 07495 (US). GREANEY, Mark, Alan; R.D. 1, Box 617, River Road, Upper Black Eddy, PA 18972 (US). McCONNACHIE, Jonathan, Martin; Apartments #1B, 2 Prospect Hills, Flemington, NJ 08822 (US). STIEFEL, Edward, Ira; 3 Glen Eagles Drive, Bridgewater, NJ 08807 (US). (74) Agents: NORTHOVER, Robert, Frank et al.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB).		(81) Designated States: AU, BR, CA, JP, KR, MX, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. 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: MOLYBDENUM COMPLEXES CONTAINING LUBRICANT COMPOSITIONS (57) Abstract The invention relates to lubricating oil compositions comprising a major amount of an oil of lubricating viscosity and a minor amount of at least one compound containing a heterometallic tetranuclear core, preferably cubane, more preferably thiocubane, having 1, 2 or 3 molybdenum atoms, the other metal atoms being Co, Cr, Cu, Ni, W, Mn, Zn or Fe, preferably Cu, and bonded thereto ligands capable of rendering the compound oil-soluble or oil-dispersible. The formulated lubricating oil has enhanced friction reducing and anti-wear properties.		