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(21) International Application Number: PCT/US99/17264 (22) International Filing Date: 30 July 1999 (30.07.99) (30) Priority Data: 09/130,523 4 August 1998 (04.08.98) US (71) Applicant: EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US). (72) Inventors: ALDRICH, Haven, Scott; 10 Dartmouth Road, Annandale, NJ 08801 (US). WITTENBRINK, Robert, Jay; 6018 Riverchase Trail, Kingwood, TX 77345 (US). (74) Agents: BAKUN, Estelle, C. et al.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).		(81) Designated States: CA, JP, SG, European patent (AT, BE, CH, CY, 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: A LUBRICANT BASE OIL HAVING IMPROVED OXIDATIVE STABILITY (57) Abstract The instant invention is directed to a method for producing a lubricating base stock having a preselected oxidative stability comprising the steps of: (a) separating, into a plurality of fractions based on molecular shape, a hydroisomerized hydrocarbon wax, (b) collecting the fractions of step (a) which have the preselected oxidative stability for use as a lubricating base stock, wherein the fractions to be collected are determined by measuring the oxidative stability of each of said fractions of said plurality of fractions to determine which fractions have said preselected oxidative stability. The invention is also directed to an improved lubricating base oil and a formulated lubricating composition using said lubricating base oil.		