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(21) International Application Number: PCT/US99/26089 (22) International Filing Date: 4 November 1999 (04.11.99) (30) Priority Data: 60/107,923 10 November 1998 (10.11.98) US (71) Applicant (for all designated States except US): EXXON-MOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; P.O. Box 3272, Houston, TX 77253-3272 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): ANTIKA, Shlomo [US/US]; 15 Tuscan Road, Maplewood, NJ 07040 (US); POIRER, Marc-Andre [CA/CA]; 744 Esser Cr., Samia, Ontario N7S 5W9 (CA). (74) Agent: HAGENAH, Jeffrey A.; Burns Doane Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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: PHOSPHATE ESTER BASE STOCKS COMPRISING MIXED <i>n</i> -BUTYL/ISOBUTYL PHOSPHATE ESTERS AND AIRCRAFT HYDRAULIC FLUIDS COMPRISING THE SAME		
(57) Abstract Disclosed are phosphate ester base fluids and aircraft hydraulic fluids containing mixed <i>n</i> -butyl/isobutyl phosphate ester components. The disclosed aircraft hydraulic fluids contain from about 30 to about 95 weight percent, based on the total weight of the fluid, of <i>n</i> -butyl diisobutyl phosphate or di- <i>n</i> -butyl isobutyl phosphate or a mixture thereof; from 0 to about 15 weight percent, based on the total weight of the fluid, of one or more triaryl phosphates; and an effective amount of a viscosity index improver, an acid control additive and an erosion inhibitor.		