



(43) International Publication Date
25 September 2014 (25.09.2014)

(51) International Patent Classification:

C07C 2/04 (2006.01) *C10G 69/12* (2006.01)
C10G 50/00 (2006.01) *B01J 29/40* (2006.01)

(21) International Application Number:

PCT/US2014/020592

(22) International Filing Date:

5 March 2014 (05.03.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/789,051 15 March 2013 (15.03.2013) US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: PRODUCTION OF LUBRICANT BASE OILS FROM DILUTE ETHYLENE FEEDS

(57) Abstract: Methods are provided for oligomerizing a dilute ethylene feed to form oligomers suitable for use as fuels and/or lubricant base oils. The fuels and/or lubricant base oils are formed by oligomerization of impure dilute ethylene with a zeolitic catalyst, where the zeolitic catalyst is resistant to the presence of poisons such as sulfur and nitrogen in the ethylene feed. The oligomers can also be formed in presence of diluents such as light paraffins.

