

(43) International Publication Date
16 May 2013 (16.05.2013)(10) International Publication Number
WO 2013/070588 A1

(51) International Patent Classification:

C10M 115/08 (2006.01) *C10N 30/06* (2006.01)
C10M 123/02 (2006.01) *C10N 30/12* (2006.01)
C10N 30/02 (2006.01) *C10N 40/04* (2006.01)

(21) International Application Number:

PCT/US2012/063685

(22) International Filing Date:

6 November 2012 (06.11.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/557,002 8 November 2011 (08.11.2011) 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, IS, JP, KE, KG, KM, 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, 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, ML, MR, NE, SN, TD, TG).

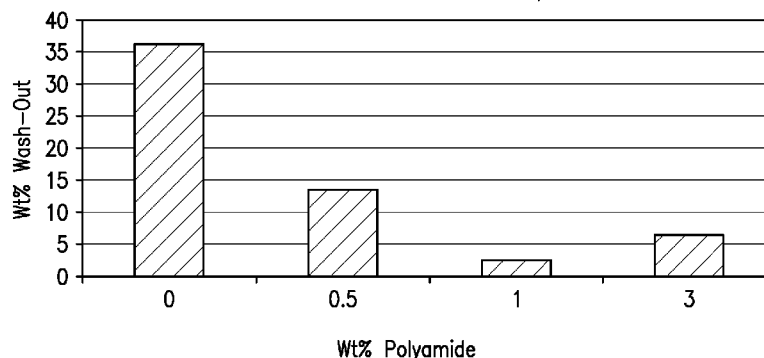
Published:

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

(54) Title: WATER RESISTANT GREASE COMPOSITION

Water Wash-Out, ASTM D1264 @ 79°C

ISO VG 220 PAO, Lithium Complex

**FIG. 1**

(57) Abstract: A grease with improved water resistance is based on a combination of a polyamide thixotrope with a water insoluble thickener, preferably a lithium soap/complex thickener and an antioxidant/corrosion inhibitor/antiwear additive package. The improvement is maintained when highly effective or aggressive rust inhibitors which normally tend to degrade water wash out resistance are present in the grease. Another advantage is that resistance to fretting is significantly improved to the extent that the greases containing these components are capable of achieving a high level of resistance to false brinelling. The greases are particularly useful for application in wind turbine bearings.



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