



- (51) International Patent Classification:  
*C08F 2/00* (2006.01) *C08F 2/01* (2006.01)
- (21) International Application Number:  
PCT/US2014/043518
- (22) International Filing Date:  
20 June 2014 (20.06.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
61/838,919 25 June 2013 (25.06.2013) US  
13178917.4 1 August 2013 (01.08.2013) EP
- (71) Applicant: **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
- (72) Inventors: **HO, Suzzy, C.**; 1066 Stuart Road, Princeton, NJ 08540 (US). **CANICH, Jo Ann, M.**; 15710 Mesa Verde Drive, Houston, TX 77059 (US). **MERTENS, Machteld, M.**; 12 Hastings Lane, Flemington, NJ 08822 (US). **RAVISHANKAR, Periagaram, S.**; 6006 Soaring Pine Court, Kingwood, TX 77345 (US). **BYRNE, Patrick, S.**; 6341 Celestial Drive, Baton Rouge, LA 70817 (US). **STEFANIAK, Lisa, B.V.**; 1321 Upland Drive #4056, Houston, TX 77043 (US).
- (74) Agents: **SCHMIDT, Jennifer, A.** et al.; Exxonmobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (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).

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: MITIGATION OF CATALYST INHIBITION IN OLEFIN POLYMERIZATION

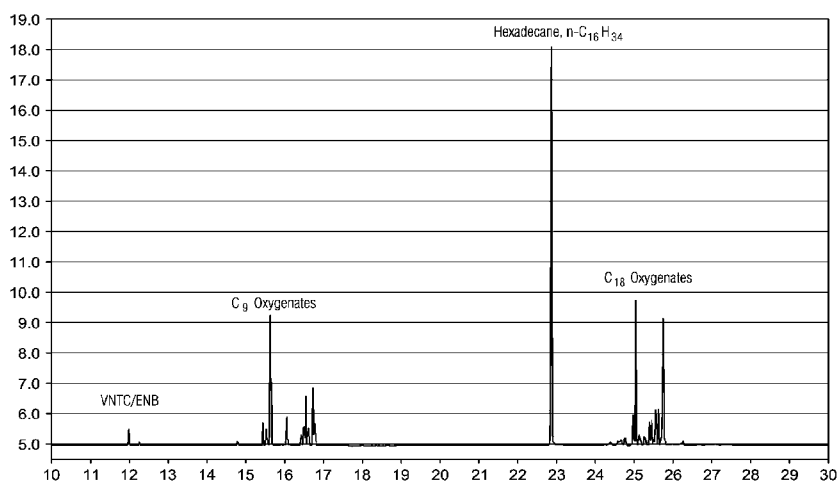


FIG. 1

(57) Abstract: This disclosure relates to a process for polymerization comprising providing a recycle stream, wherein the recycle stream comprises one or more  $C_6$  to  $C_{12}$  conjugated or non- conjugated diene monomers and one or more  $C_1$  to  $C_{40}$  oxygenates. The recycle stream is contacted with an adsorbent bed to produce a treated recycle stream; wherein the adsorbent bed comprises at least two adsorbents to remove quenching agent and  $C_1$  to  $C_{40}$  oxygenates.



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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- Published:**
- *with international search report (Art. 21(3))*