

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
10 August 2023 (10.08.2023)



(10) International Publication Number
WO 2023/150480 A1

(51) International Patent Classification:

C08F 110/06 (2006.01) C07F 17/00 (2006.01)
C08F 210/16 (2006.01) C08F 4/659 (2006.01)

(21) International Application Number:

PCT/US2023/061530

(22) International Filing Date:

30 January 2023 (30.01.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/307,477 07 February 2022 (07.02.2022) 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, 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, ME, 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).

(54) Title: C1 SYMMETRIC 5-OME-6-ALKYL SUBSTITUTED METALLOCENES

(57) Abstract: The 5-OMe-6-tBu substitution of the indenyl 1 fragment of C₁ symmetric catalysts is critical for improvements in EP molecular weight capability. The catalysts described in this document are also capable of producing other ordinary polyolefins such as iPP, PE and EO copolymers. The added capability of high molecular weight EP copolymers may expand the potential of C₁ symmetric systems in the area of RCPs and ICPs where such capability is necessary.

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