

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 February 2007 (15.02.2007)

PCT

(10) International Publication Number
WO 2007/018743 A1

(51) International Patent Classification:

C07F 5/02 (2006.01) *C08F 4/00* (2006.01)
C08F 10/00 (2006.01)

(21) International Application Number:

PCT/US2006/023404

(22) International Filing Date: 16 June 2006 (16.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/186,238 21 July 2005 (21.07.2005) US

(71) Applicant (*for all designated States except US*): **EXXON-MOBIL CHEMICAL PATENTS, INC.** [US/US]; A CORPORATION OF THE STATE OF DELAWARE, 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **RODRIGUEZ, George** [US/US]; 13827 Placid Brook Ct., Houston, TX 77059 (US).

(74) Agents: **BELL, Catherine, L.** 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,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, 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))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FLUOROPHENYLBORATES AND THEIR USE AS ACTIVATORS IN CATALYST SYSTEMS FOR OLEFIN POLYMERIZATION

(57) Abstract: A fluorophenylborate useful as an activator for an olefin polymerization catalyst is represented by the formula: $\text{Ct}^+ [\text{B}-(\text{Ar}^f\text{R}_n)_4]$ where Ct^+ is a cation capable of extracting an alkyl group from, or breaking a carbon-metal bond of, an organo metallic compound; Ar^f is a fluorophenyl group; n is 1 or 2; and each R is independently selected from a fluorophenyl group and a fluoronaphthyl group, provided that when $n=1$, each R group is connected at the 3- position relative the connection between the associated Ar^f group and the boron atom and, when $n=2$; the R groups are connected at the 3-position and the 5- position respectively relative the connection between the associated Ar^f group and the boron atom.



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