



(51) International Patent Classification:

B01J 31/18 (2006.01) *C07C 2/36* (2006.01)
B01J 31/14 (2006.01) *B01J 19/00* (2006.01)
B01J 37/04 (2006.01) *C07F 11/00* (2006.01)

(21) International Application Number:

PCT/IB2015/050077

(22) International Filing Date:

5 January 2015 (05.01.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/924,064 6 January 2014 (06.01.2014) 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, 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, 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, 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:

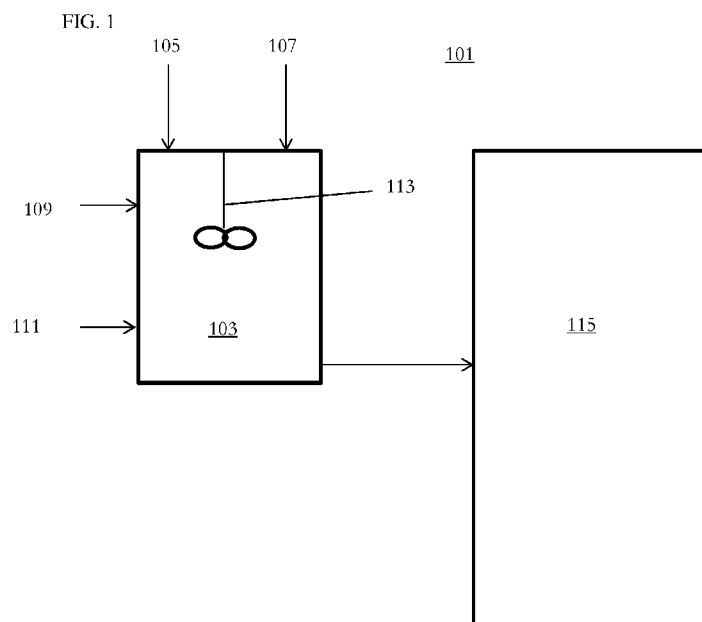
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

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

[Continued on next page]

(54) Title: MODIFIED PREFORMATION METHOD FOR CATALYST ACTIVATION IN ETHYLENE REACTIONS



(57) Abstract: Systems and methods for catalyst activation in ethylene reactions are described. Systems and methods include pre-mixing at least one ligand (pref. a PN-PN-H ligand) and at least one chromium source in at least one solvent to form a pre-mixed composition; activating the pre-mixed composition with an activator (pref. triethylaluminum) to form an activated composition; and supplying the preactivated composition to a reactor.



(88) Date of publication of the international search report:

26 November 2015