



PCT

(10) International Publication Number
WO 2008/130763 A1

(51) International Patent Classification:

C08F 6/00 (2006.01) **C08F 10/14** (2006.01)
C08F 10/10 (2006.01)

(21) International Application Number:

PCT/US2008/057535

(22) International Filing Date: 19 March 2008 (19.03.2008)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) Priority Data:

11/788,598	20 April 2007 (20.04.2007)	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, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: SEPARATION OF POLYMER SLURRIES

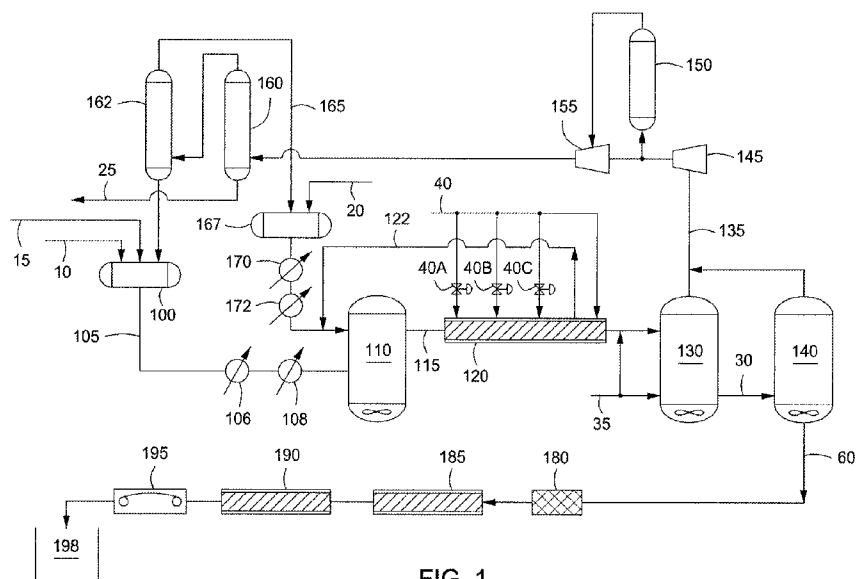


FIG. 1

(57) Abstract: Methods for producing elastomers or elastomeric compositions are provided. One or more C₄ to C₇ isoolefins and one or more comonomers can be polymerized in the presence of a diluent comprising one or more hydrofluorocarbons to provide a slurry comprising polymer product, unreacted monomer and the diluent. The slurry can be extruded to separate at least a portion of the diluent from the polymer product. The separated diluent can be recycled for polymerizing the one or more C₄ to C₇ isoolefins.



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*