

(43) International Publication Date
12 September 2013 (12.09.2013)(51) International Patent Classification:
C08F 2/00 (2006.01)(21) International Application Number:
PCT/US2013/028270(22) International Filing Date:
28 February 2013 (28.02.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/609,020 9 March 2012 (09.03.2012) US(71) Applicant: **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).(72) Inventors: **RAVISHANKAR, Periagaram, S.**; 6006 Soaring Pine Court, Kingwood, TX 77345 (US). **WANG, Yu, Feng**; 15907 Moon Rock Drive, Houston, TX 77062 (US). **STEPHENS, Luke, P.**; 2350 Bagby Street, #9308, Houston, TX 77006 (US). **BARSAN, Florin**; 3623 Brookstone Court, Pearland, TX 77584 (US). **BERTI, Douglas, A.**; 15711 Elk Park Lane, Houston, TX 77062 (US).(74) Agents: **GUICE, Chad, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, 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:

- without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: POLYOLEFIN ADHESIVE COMPOSITIONS AND METHODS OF PREPARING THE SAME

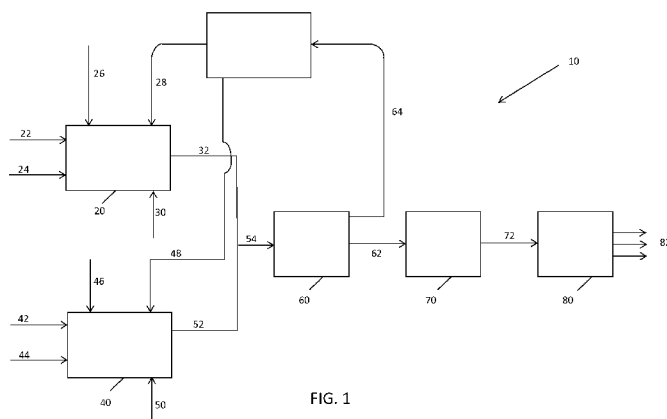


FIG. 1

(57) **Abstract:** A blended multimodal polymer product is disclosed that comprises a first polymer, wherein the first polymer is a homopolymer of propylene or a propylene copolymer having an ethylene or a C₄ to C₁₀ olefin comonomer; and a second polymer, wherein the second polymer is a propylene homopolymer and a propylene copolymer having an ethylene or a C₄ to C₁₀ olefin comonomer, and wherein the first polymer and second polymer have a difference in heat of fusion of about 25 J/g or more. Methods for making such a polymer product using at least two reactors in parallel and for separating a propylene-based polymer from a solvent using a liquid-phase separator are also disclosed.

