



- (51) **International Patent Classification:**
C08L 23/14 (2006.01) *F16L 9/12* (2006.01)
C08F 2/00 (2006.01)
- (21) **International Application Number:**
PCT/EP2014/001072
- (22) **International Filing Date:**
22 April 2014 (22.04.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
13002098.5 22 April 2013 (22.04.2013) EP
- (71) **Applicants:** **ABU DHABI POLYMERS COMPANY LIMITED (BOROUGE)** [AE/AE]; Sheikh Khalifa Energy Complex, Corniche Road, P.O. Box 6925, Abu Dhabi (AE). **BOREALIS AG** [AT/AT]; IZD Tower, Wagramerstrasse 17-19, A-1220 Wien (AT).
- (72) **Inventors:** **HEDESIU, Cristian**; Innovation Center, SKEC, Boroque Tower, 11th Floor, P.O. Box 6951, Abu Dhabi (AE). **ALASTALO, Kauno**; Karjapolku 4, FI-06400 Porvoo (NA).
- (74) **Agent:** **Kador & Partner**; Corneliusstr. 15, 80469 München (DE).

- (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, 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, 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, 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:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*

(54) **Title:** MULTIMODAL POLYPROPYLENE COMPOSITION FOR PIPE APPLICATIONS

(57) **Abstract:** A multimodal propylene copolymer composition suitable for moulding and pipe applications comprising a multimodal propylene copolymer (U).



WO 2014/173533 A1