

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 April 2011 (07.04.2011)

(10) International Publication Number
WO 2011/041230 A1

(51) International Patent Classification:
C08L 23/14 (2006.01)

(21) International Application Number:
PCT/US2010/050243

(22) International Filing Date:
24 September 2010 (24.09.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/248,190 2 October 2009 (02.10.2009) 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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, 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:

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

(54) Title: **CROSSLINKED POLYOLEFIN POLYMER BLENDS**

(57) Abstract: Crosslinked polyolefin blends, methods for their production, and articles made of the same are provided. In at least one specific embodiment, the polyolefin blends comprise a first polymer formed in a first reactor and a second polymer formed in a second reactor. The first and second polymers, as well as the resulting blend, may comprise units derived from propylene, ethylene, and a diene. The blended composition can then be compounded with one or more coagents, antioxidants, and/or other additives and crosslinked, preferably by exposure to energetic photons. The crosslinked polymers are particularly useful for making fibers, films, and nonwovens.



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