



(51) International Patent Classification:

C09D 127/12 (2006.01) *C08L* 27/12 (2006.01)
C09D 139/04 (2006.01) *C08F* 246/00 (2006.01)
C08L 39/04 (2006.01) *C08F* 226/06 (2006.01)
C08F 14/18 (2006.01) *C08J* 5/18 (2006.01)

(21) International Application Number:

PCT/US2015/037725

(22) International Filing Date:

25 June 2015 (25.06.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/016,954 25 June 2014 (25.06.2014) US

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) Inventors: **OLSON, David B.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **SAVU, Patricia M.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **NORTH, Diane**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) Agents: **GROSS, Kathleen B.** et al.; 3M Center, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

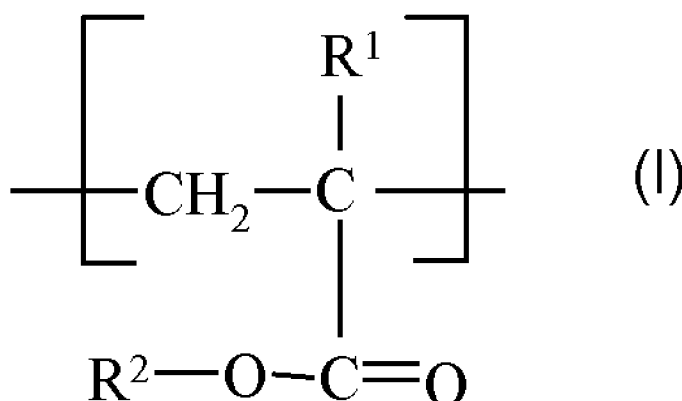
(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, 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).

Published:

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

(54) Title: FLUOROPOLYMER COMPOSITION INCLUDING AT LEAST ONE OLIGOMER



(57) Abstract: A composition that includes a blend of a fluoropolymer and an ultraviolet light-absorbing oligomer. The oligomer has a first divalent unit having a pendent ultraviolet absorbing group and a second divalent unit represented by formula (I): At least one of the following limitations is also met: the ultraviolet light-absorbing oligomer further comprises a third divalent unit comprising a pendent 2,2,6,6-tetramethylpiperidinyl group, or the composition further comprises a second oligomer comprising a third divalent unit comprising a pendent 2,2,6,6-tetramethylpiperidinyl group at least one of the second divalent units. Articles including the composition are disclosed. The composition can be an extruded film. A method of making such an extruded film is also disclosed.

