

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2020/005258 A1

(43) International Publication Date
02 January 2020 (02.01.2020)

(51) International Patent Classification:

C08F 290/14 (2006.01) *C08L 51/08* (2006.01)
C08F 220/22 (2006.01) *C08L 83/04* (2006.01)
C08F 220/26 (2006.01) *B29D 11/00* (2006.01)
C08F 2/44 (2006.01) *G02C 7/04* (2006.01)
C08K 5/5415 (2006.01)

(21) International Application Number:

PCT/US2018/040039

(22) International Filing Date:

28 June 2018 (28.06.2018)

(25) Filing Language: English

(26) Publication Language: English

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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, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, 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: ULTRA-HIGH DK MATERIAL

(57) Abstract: A method of producing an ultra-high Dk material includes contacting and reacting a fluoroalkyl methacrylate; an alkyl glycol dimethacrylate; a hydrophilic agent, such as methacrylic acid; a hydroxyalkyl tris(trimethylsiloxy)silane; a hydroxyalkyl terminated polydimethylsiloxane; and styrylethyltris(trimethylsiloxy)silane. The reaction is conducted within an inert atmosphere at a pressure of at least 25 pounds per square inch (PSI) and for a period of time and at a temperature sufficient to produce the ultra-high Dk material.



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