

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 April 2009 (30.04.2009)

PCT

(10) International Publication Number
WO 2009/055666 A1

(51) International Patent Classification:

C08G 18/00 (2006.01) *C08G 18/78* (2006.01)
C08G 18/02 (2006.01) *C08G 18/79* (2006.01)
C08G 18/08 (2006.01) *C08G 59/40* (2006.01)
C08G 18/09 (2006.01)

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(21) International Application Number:

PCT/US2008/081106

(22) International Filing Date: 24 October 2008 (24.10.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/982,996 26 October 2007 (26.10.2007) 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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(54) Title: EPOXY RESIN COMPOSITION CONTAINING ISOCYANURATES FOR USE IN ELECTRICAL LAMINATES

(57) Abstract: A resin composition comprising oligomers having a molar ratio of isocyanurate to oxazolidinone greater than 1 :1, wherein the weight average molecular weight of the oligomers is less than or equal to 3000, as measured by gel permeation chromatography. Such resin compositions may be combined with a hardener to form a curable composition. Also disclosed is a process for forming a resin composition, including: reacting diisocyanates to form isocyanurates; reacting isocyanate groups in the isocyanurates and unreacted diisocyanates with an epoxy precursor to form a resin composition comprising oligomers having: a molar ratio of isocyanurate to oxazolidinone greater than 1 :1; wherein the weight average molecular weight of the oligomers is less than or equal to 3000, as measured by gel permeation chromatography. Such compositions may be useful in prepregs and laminates.



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