

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

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
17 September 2009 (17.09.2009)

PCT

(10) International Publication Number  
**WO 2009/114383 A1**

(51) International Patent Classification:

*C07C 37/20* (2006.01)      *C07C 39/17* (2006.01)  
*C07C 39/15* (2006.01)      *C08G 59/32* (2006.01)

(21) International Application Number:

PCT/US2009/036152

(22) International Filing Date:

5 March 2009 (05.03.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/035,810      12 March 2008 (12.03.2008)      US

(71) Applicant (for all designated States except US): **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; 2040 Dow Center, Midland, MI 48674 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HEARN, Robert** [US/US]; 308 Narcissus Street, Lake Jackson, TX 77566 (US). **DETTLOFF, Marvin** [US/US]; 205 Basswood, Lake Jackson, TX 77566 (US). **AGUIRRE VARGAS, Fabio** [CO/US]; 114 Spanish Oak Circle, Lake Jackson, TX 77566 (US). **JACOB, George** [IN/US]; 504 Highway 332, Apt 823, Lake Jackson, TX 77566 (US).

(74) Agent: **WELVAERT, Bronwyn**; 2030 Dow Center, Midland, Michigan 48674 (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, 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, MK, 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 (Art. 21(3))

(54) Title: POLYPHENOLIC COMPOUNDS AND EPOXY RESINS COMPRISING CYCLOALIPHATIC MOIETIES AND PROCESS FOR THE PRODUCTION THEREOF

(57) Abstract: Epoxy resins and mixtures of polyphenolic compounds which comprise cycloaliphatic moieties, processes for the production thereof and mixtures and cured products which comprise these resins and/or mixtures.



**WO 2009/114383 A1**