

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 November 2011 (03.11.2011)

PCT

(10) International Publication Number
WO 2011/136843 A1

(51) International Patent Classification:

C08G 59/08 (2006.01) **C07D 303/30** (2006.01)
C08G 59/32 (2006.01)

(21) International Application Number:

PCT/US2011/000705

(22) International Filing Date:

21 April 2011 (21.04.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/329,334 29 April 2010 (29.04.2010) US

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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HEFNER, Robert, E.** [US/US]; 109 Wedgewood Street, Lake Jackson, TX 77566 (US). **MULLINS, Michael, J.** [US/US]; 1 Hermann Museum, Houston, TX 77004 (US).

(74) Agents: **HUEBSCH, Joseph, C.** et al.; 1221 Nicollet Avenue, Suite 500, Minneapolis, MN 55403 (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, 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, RS, SE, SI, SK, SM, 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: EPOXY POLYCYCLOPENTADIENE COMPOUNDS

(57) Abstract: The present disclosure provides for polycyclopentadiene compounds that useful as an epoxide resin and/or as an adduct for a curable composition.



WO 2011/136843 A1