



(51) International Patent Classification:

C08F 10/00 (2006.01) **C07C 43/215** (2006.01)
C08F 8/00 (2006.01) **C08L 23/26** (2006.01)
C08G 65/38 (2006.01)

(21) International Application Number:

PCT/US2011/038681

(22) International Filing Date:

1 June 2011 (01.06.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12/815,312 14 June 2010 (14.06.2010) US

(71) **Applicant** (for all designated States except US): **THE UNIVERSITY OF SOUTHERN MISSISSIPPI** [US/US]; 118 College Drive, Hattiesburgh, MS 39406-0001 (US).

(72) Inventors; and

(75) **Inventors/Applicants** (for US only): **STOREY, Robson, F.** [US/US]; 111 Holly Dr., Hattiesburg, MS 39402 (US). **MORGAN, David, L.** [US/US]; 78 Shoreline Ct., Richmond, CA94804 (US).

(74) **Agents:** **VIRASSAMMY, Carlton** et al.; Chevron Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

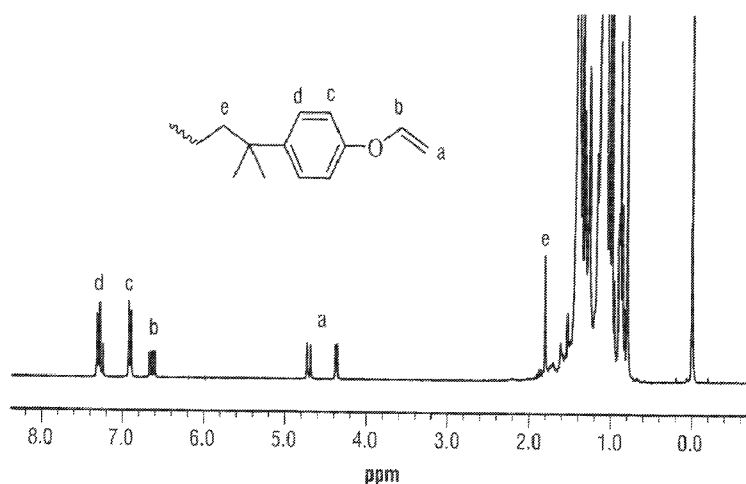
(54) **Title:** VINYL ETHER END-FUNCTIONALIZED POLYOLEFINS

FIG. 1

(57) **Abstract:** Provided herein are vinyl ether end-functionalized polyolefins and methods for producing the same.



Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*