

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 March 2001 (22.03.2001)

PCT

(10) International Publication Number
WO 01/19876 A1

- (51) International Patent Classification⁷: C08F 6/08, (US). GEIBEL, Jon, F. [US/US]; 2600 Mountain Road, Bartlesville, OK 74003 (US).
C08G 75/16
- (21) International Application Number: PCT/US00/40863 (74) Agents: RICHARDS, John; Ladas & Parry, 26 West 61st Street, New York, NY 10023 et al. (US).
- (22) International Filing Date:
11 September 2000 (11.09.2000) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
09/394,727 13 September 1999 (13.09.1999) US (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 09/394,727 (CON)
Filed on 13 September 1999 (13.09.1999)
- (71) Applicant (*for all designated States except US*): PHILLIPS PETROLEUM COMPANY [US/US]; 4th and Keeler, Bartlesville, OK 74004 (US). 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.
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): VIDAURRI, Fernando, C., Jr. [US/US]; 5925 Martin Lane, Bartlesville, OK 74006-8017 (US). WATERMAN, James, W. [US/US]; 2333 Windsor Way, Bartlesville, OK 74006
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHANOL EXTRACTION OF POLAR ORGANIC COMPOUNDS AND MODIFIER COMPOUNDS FROM POLY(ARYLENE SULFIDE) POLYMER AND OLIGOMER STREAMS

(57) Abstract: A process is provided to recover at least one modifier compound and at least one polar organic compound from a poly(arylene sulfide) reaction mixture comprising high molecular weight poly(arylene sulfide), low molecular weight poly(arylene sulfide), cyclic and linear poly(arylene sulfide) oligomers, at least one polar organic compound, at least one modifier compound, and an alkali metal halide by-product.

WO 01/19876 A1