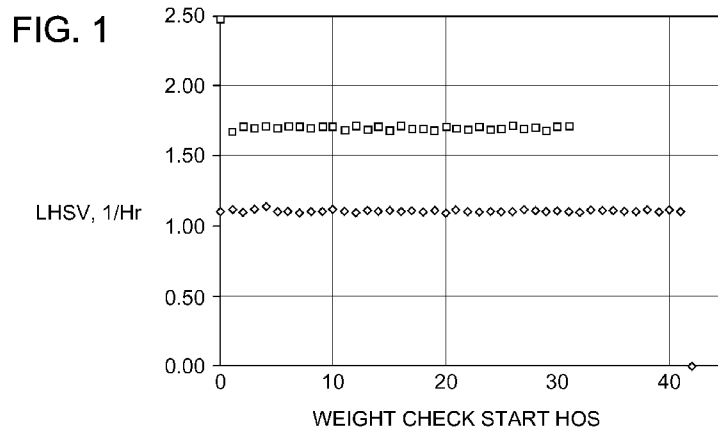




- (51) **International Patent Classification:**
C10G 61/02 (2006.01) **C10G 35/04** (2006.01)
C10G 59/02 (2006.01)
- (21) **International Application Number:**
PCT/US2012/034605
- (22) **International Filing Date:**
23 April 2012 (23.04.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
61/480,695 29 April 2011 (29.04.2011) US
13/440,487 5 April 2012 (05.04.2012) US
- (71) **Applicant (for all designated States except US):** **UOP LLC** [US/US]; 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **MOSER, Mark D.** [US/US]; Uop LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US). **SADLER, Clayton C.** [US/US]; Uop LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US). **LAPINSKI, Mark P.** [US/US]; Uop LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US). **VANDEN BUSSCHE, Kurt M.** [US/US]; Uop LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (US).
- (74) **Agent:** **GOODING, Arthur, E.**; Uop LLC, 25 East Algonquin Road, P. O. Box 5017, Des Plaines, IL 60017-5017 (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, QA, RO, RS, RU, RW, 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, RW, 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))
- (88) **Date of publication of the international search report:**
28 March 2013

(54) **Title:** HIGH TEMPERATURE PLATFORMING PROCESS

(57) **Abstract:** A process for reforming a hydrocarbon stream is presented. The process involves increasing the processing temperatures in the reformers. The reformers are operated under different conditions to utilize advantages in the equilibriums, but require modifications to prevent increasing thermal cracking and to prevent increases in coking. The process utilizes a common catalyst, and common downstream processes for recovering the desired aromatic compounds generated.