



(51) International Patent Classification:

C10G 65/12 (2006.01) C10G 65/04 (2006.01)

C10G 21/12 (2006.01) B01D 17/02 (2006.01)

B01D 11/04 (2006.01) C10G 25/00 (2006.01)

B01D 17/04 (2006.01) C10G 67/06 (2006.01)

C10G 67/04 (2006.01)

(21) International Application Number:

PCT/US2012/048466

(22) International Filing Date:

27 July 2012 (27.07.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/513,250 29 July 2011 (29.07.2011) US

(71) Applicant (for all designated States except US): SAUDI ARABIAN OIL COMPANY [SA/SA]; Box 5000, Dhahran, 31311 (SA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KOSEOGLU, Omer, Refa [US/SA]; P.O. Box 8560, Saudi Aramco, Dhahran, 31311 (SA).

(74) Agent: CRISPINO, Ralph, J.; Abelman, Frayne & Schwab, 666 Third Avenue, New York, NY 10017-5621 (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, BN, 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, 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))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

18 July 2013

(54) Title: INTEGRATED HYDROTREATING AND ISOMERIZATION PROCESS WITH AROMATIC SEPARATION

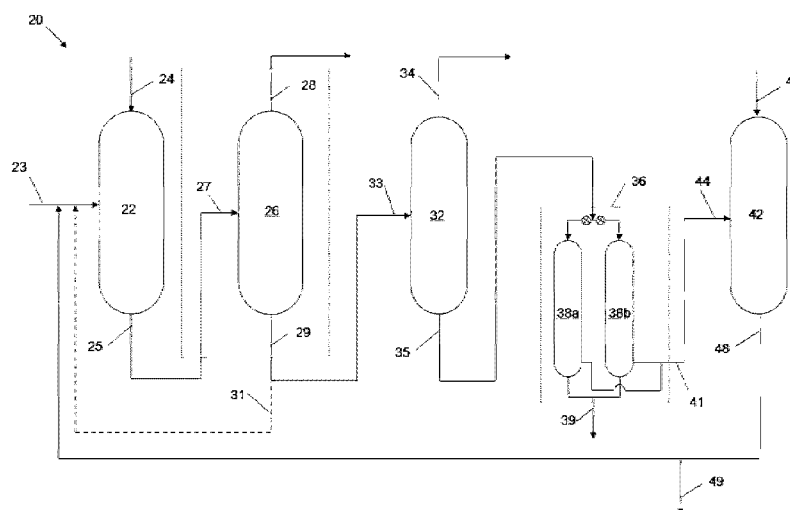


FIG. 2

(57) Abstract: Deep desulfurization of hydrocarbon feeds containing undesired organosulfur compounds to produce a hydrocarbon product having low levels of sulfur, i.e., 15 ppmw or less of sulfur, is achieved by hydrotreating the feed under mild conditions, and separating the hydrotreated effluent into an aromatic-rich fraction which contains a substantial amount of the aromatic refractory and sterically hindered sulfur-containing compounds, and an aromatic-lean fraction. The aromatic-rich fraction is contacted with isomerization catalyst, and the isomerized aromatic-rich fraction is recycled to the mild hydrotreating process.

International application No
PCT/US2012/048466

INV.	C10G65/12	C10G21/12	B01D11/04		
ADD.	B01D17/04	C10G67/04	C10G65/04	B01D17/02	C10G25/00
	C10G67/06				

EP0-Internal, WPI Data

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X See patent family annex.

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2012/048466

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