

(43) International Publication Date
28 July 2011 (28.07.2011)(10) International Publication Number
WO 2011/091195 A2(51) International Patent Classification:
C10G 47/06 (2006.01)

(21) International Application Number:

PCT/US2011/021959

(22) International Filing Date:

21 January 2011 (21.01.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/297,108	21 January 2010 (21.01.2010)	US
61/297,101	21 January 2010 (21.01.2010)	US

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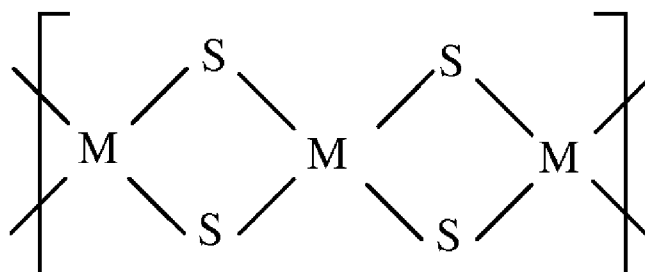
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(US).(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, 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:

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

(54) Title: PROCESS FOR TREATING A HYDROCARBON-CONTAINING FEED



(I)

(57) Abstract: A process for treating a hydrocarbon-containing feed is provided in which a hydrocarbon-containing feed comprising at least 20 wt.% of heavy hydrocarbons is mixed with hydrogen and a catalyst to produce a hydrocarbon-containing product. The catalyst is comprised of a material comprised of a first metal and a second metal, where the first metal is selected from the group consisting of Cu, Fe, Bi, Ag, Mn, Zn, Sn, Ru, La, Pr, Sm, Eu, Yb, Lu, Dy, Pb, and Sb and the second metal is Mo, W, V, Sn, and Sb. The material of the catalyst may have a structure according to formula (I): where M is either the first metal or the second metal, and at least one M is the first metal and at least one M is the second metal.

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