



- (51) **International Patent Classification:**
B01J 23/652 (2006.01)
- (21) **International Application Number:**
PCT/US2009/040248
- (22) **International Filing Date:**
10 April 2009 (10.04.2009)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
61/043,941 10 April 2008 (10.04.2008) US
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- (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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, SE, SI, SK, 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))

(54) **Title:** CATALYST SYSTEMS AND METHODS FOR CONVERTING A CRUDE FEED WITH SUCH CATALYST SYSTEMS

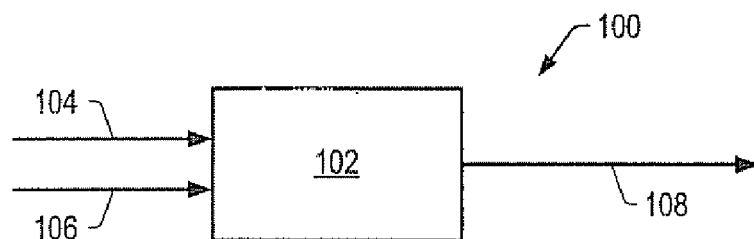


FIG. 1

(57) **Abstract:** A catalyst system comprising a first catalyst comprising a hydrogenation metal, mineral oxide particles and a support, wherein the hydrogenation metal consists of a column 6 metal and wherein the mineral oxide particles have an average particle size of at most 150 micrometers and wherein the first catalyst has a bimodal pore size distribution; a second catalyst comprising a hydrogenation metal and a support wherein the hydrogenation metal consists of a column 6 metal and the support comprises silica-alumina. A method of using such catalyst system and a catalyst used in the catalyst system.