



- (51) International Patent Classification:
B01J 21/04 (2006.01)
- (21) International Application Number:
PCT/US2013/037708
- (22) International Filing Date:
23 April 2013 (23.04.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/638,710 26 April 2012 (26.04.2012) US
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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, 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, PA, 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,

[Continued on next page]

- (54) Title: A HYDROPROCESSING CATALYST AND PROCESS FOR TREATING HEAVY HYDROCARBON FEEDSTOCKS

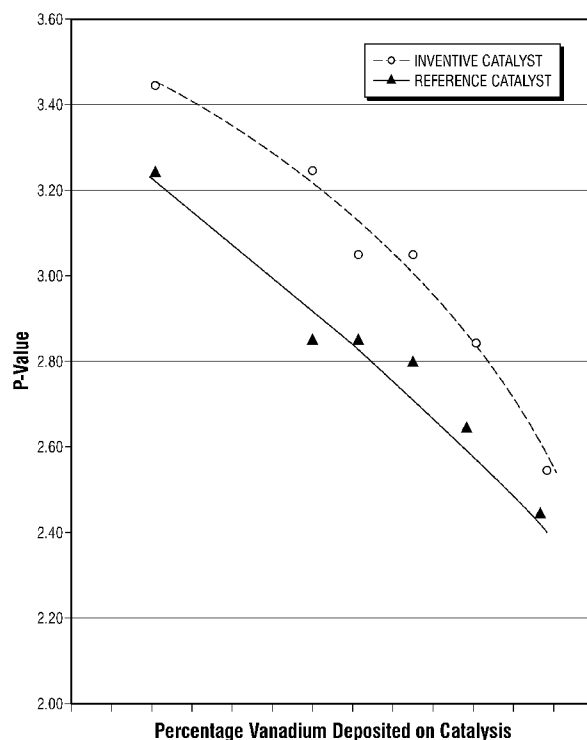


FIG. 1

(57) Abstract: A catalyst for treating heavy hydrocarbon feedstocks. The catalyst comprises a calcined particle comprising a co-mulled mixture made by co-mulling inorganic oxide powder, molybdenum trioxide powder, and a nickel compound or cobalt compound, or both compounds, and then forming the co-mulled mixture into a particle that is calcined to provide the calcined particle. The calcination is conducted at a temperature such that at least 20% of the pore volume of the calcined particle is in pores of greater than 5,000 and less than 70% of the pore volume of the calcined particle is in the pores having a pore size in the range of from 70 to 250.



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).

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