(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
30 November 2000 (30.11.2000)

PCT

(10) International Publication Number
WO 00/71254 A1

(51) International Patent Classification[7]: B01J 37/00, 29/06

(21) International Application Number: PCT/US00/13978

(22) International Filing Date: 20 May 2000 (20.05.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/135,330 20 May 1999 (20.05.1999) US

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(81) Designated States *(national)*: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *With international search report.*
— *Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 00/71254 A1

(54) Title: HYDROCARBON CONVERSION PROCESS AND CATALYST USEFUL THEREIN

(57) Abstract: There is provided a process for converting hydrocarbons using a catalyst comprising macrostructures having a three-dimensional network of particles comprised of porous inorganic material. The particles of the macrostructures occupy less than 75 % of the total volume of the macrostructures and are joined together to form a three-dimensional interconnected network comprised of pores having diameters greater than about 20Å. The macrostructures can be made by forming an admixture containing a porous organic ion exchanger and a synthesis mixture capable of forming the porous inorganic material; converting the synthesis mixture to the porous inorganic material; and removing the porous organic ion exchanger from the inorganic material.