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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 December 2006 (14.12.2006)

PCT

(10) International Publication Number
WO 2006/133187 A3

(51) International Patent Classification:
B01J 21/04 (2006.01) *B01J 35/10* (2006.01)
B01J 21/12 (2006.01) *B01J 37/00* (2006.01)

(21) International Application Number:
PCT/US2006/021910

(22) International Filing Date: 6 June 2006 (06.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/688,208 7 June 2005 (07.06.2005) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, 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*

(88) Date of publication of the international search report:
5 April 2007

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.

(54) Title: A CATALYST CARRIER AND A PROCESS FOR PREPARING THE CATALYST CARRIER

(57) Abstract: A carrier, which comprises non-platelet alumina and/or a bond material, has a surface area of at least 1 m2/g, a total pore volume and a pore size distribution such that at least 80 % of the total pore volume is contained in pores with diameters in the range of from 0.1 to 10 μm, and at least 80 % of the pore volume contained in the pores with diameters in the range of from 0.1 to 10 μm is contained in pores with diameters in the range of from 0.3 to 10 μm, and a process for the preparation of a carrier which comprises forming a mixture comprising: a) from 50 to 95 weight percent of a first particulate α- alumina having a median particle size (d50) of from 5 to 100 μm; b) from 5 to 50 weight percent of a second particulate α- alumina having a d50 which is less than the dso of the first particulate α-alumina and which is in the range of from 1 to 10 μm; and c) an alkaline earth metal silicate bond material; weight percent being based on the total weight of α-alumina in the mixture; and firing the mixture to form the carrier.

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