

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
23 September 2021 (23.09.2021)



(10) International Publication Number
WO 2021/188403 A1

(51) International Patent Classification:

B01J 23/52 (2006.01) *C07C* 67/39 (2006.01)
B01J 23/66 (2006.01) *B01J* 21/06 (2006.01)
B01J 35/00 (2006.01) *B01J* 37/02 (2006.01)

(21) International Application Number:

PCT/US2021/022283

(22) International Filing Date:

15 March 2021 (15.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/990,482 17 March 2020 (17.03.2020) 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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,

(54) Title: PROCESS AND CATALYST FOR OXIDATIVE ESTERIFICATION WITH LONG-LIFE CATALYST

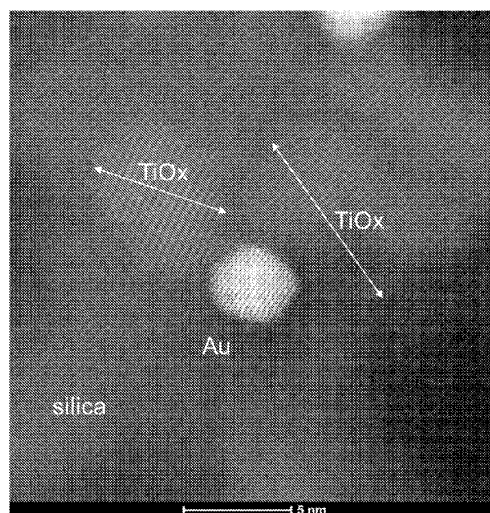


FIGURE 2C

(57) Abstract: A catalyst comprising noble metal particles and titanium-containing particles. The noble metal particles and titanium-containing particles are disposed on an outer surface of a support. At least 20% by weight of the total weight of noble metal particles are adjacent to at least one titanium-containing particle. The noble metal particles have an average diameter of less than 15 nm, and the catalyst has an average diameter of at least 200 microns. A method for preparing methyl methacrylate from methacrolein and methanol using the catalyst is also disclosed.

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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,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, ST, SZ, TZ, 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, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*