

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
4 October 2012 (04.10.2012)



(10) International Publication Number
WO 2012/134552 A8

- (51) International Patent Classification:
C07C 5/367 (2006.01) C07C 15/04 (2006.01)
C07C 2/74 (2006.01) C07C 13/28 (2006.01)
- (21) International Application Number:
PCT/US2011/063112
- (22) International Filing Date:
2 December 2011 (02.12.2011)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/468,298 28 March 2011 (28.03.2011) US
11166684.8 19 May 2011 (19.05.2011) EP
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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, 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, 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,

[Continued on next page]

(54) Title: DEHYDROGENATION PROCESS

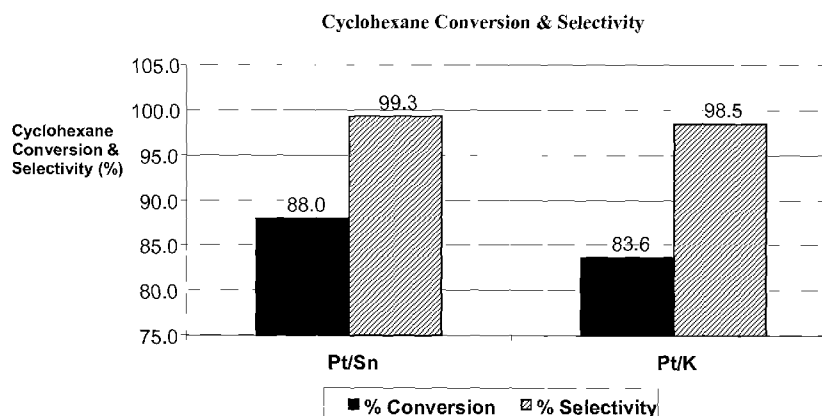


Figure 1

(57) Abstract: Disclosed herein is a process for dehydrogenating a saturated cyclic hydrocarbon and/or 5-membered ring compound with a dehydrogenation catalyst. The dehydrogenation catalyst comprises: (i) 0.05 wt% to 5 wt% of a metal selected from Group 14 of the Periodic Table of Elements; and (ii) 0.1 wt% to 10 wt% of a metal selected from Groups 6 to 10 of the Periodic Table of Elements. The process is conducted under dehydrogenation conditions effective to dehydrogenate at least a portion saturated cyclic hydrocarbon and/or 5-membered ring compound.



GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

— *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))*

(48) Date of publication of this corrected version:

27 June 2013

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

(15) Information about Correction:

see Notice of 27 June 2013