9904707-8
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C10G 2/00 — A1

(11) International Publication Number: WO 98/50487

(43) International Publication Date: 12 November 1998 (12.11.98)

(21) International Application Number: PCT/US98/08687

(22) International Filing Date: 29 April 1998 (29.04.98)

(30) Priority Data:
08/850,355 2 May 1997 (02.05.97) US

(71) Applicant: EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932–0390 (US).

(72) Inventors: LEVINESS, Stephen, C.; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US). MART, Charles, J.; 1705 Plantation Oak Drive, Baton Rouge, LA 70810 (US). BEHRMANN, William, C.; 546 Baird Drive, Baton Rouge, LA 70808 (US). HSIA, Stephen, J.; 12524 Newcastle Avenue, Baton Rouge, LA 70816 (US). NESKORA, Daniel, R.; 2045 Kleinert Avenue, Baton Rouge, LA 70806 (US).

(74) Agents: SIMON, Jay et al.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) Designated States: AU, BR, CA, JP, NO, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

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

(54) Title: SLURRY HYDROCARBON SYNTHESIS PROCESS WITH INCREASED CATALYST LIFE

(57) Abstract

A slurry catalytic hydrocarbon synthesis process which employs a catalyst comprising a supported cobalt component achieves a short term catalyst half life or more than 10 days, by using a syngas feed which contains less than fifty parts per billion of a combined total amount of HCN and NH_3.