

Title (en)
METHOD FOR PRODUCING A CRUDE PRODUCT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES ROHPRODUKTS

Title (fr)
SYSTEMES, PROCEDES ET CATALYSEURS POUR LA PRODUCTION D'UN PRODUIT BRUT

Publication
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Application
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Priority
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• US 53150603 P 20031219
• US 61889204 P 20041014

Abstract (en)
[origin: WO2005066301A2] Contact of a crude feed with one or more catalysts produces a total product that include a crude product. The crude product is a liquid mixture at 25 °C and 0.101 MPa. One or more other properties of the crude product may be changed by at least 10% relative to the respective properties of the crude feed.

IPC 8 full level
C10G 29/04 (2006.01); **B01J 23/22** (2006.01); **B01J 23/28** (2006.01); **B01J 35/10** (2006.01); **C10G 45/00** (2006.01); **C10G 45/04** (2006.01); **C10L 1/04** (2006.01); **B01J 37/00** (2006.01); **B01J 37/02** (2006.01)

CPC (source: EP KR)
B01J 23/22 (2013.01 - EP); **B01J 23/28** (2013.01 - EP); **B01J 35/60** (2024.01 - EP KR); **C10G 29/04** (2013.01 - KR); **C10G 45/00** (2013.01 - EP KR); **C10G 45/04** (2013.01 - EP); **C10L 1/04** (2013.01 - KR); **B01J 35/647** (2024.01 - EP); **B01J 35/66** (2024.01 - EP); **B01J 37/0009** (2013.01 - EP); **B01J 37/0203** (2013.01 - EP); **C10G 2300/203** (2013.01 - EP); **C10G 2300/205** (2013.01 - EP)

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JP 2007522269 A 20070809; JP 4891090 B2 20120307; JP 5107580 B2 20121226; JP 5179059 B2 20130410; JP 5306598 B2 20131002; KR 101229770 B1 20130207; KR 20060130110 A 20061218; KR 20060130113 A 20061218; KR 20060130114 A 20061218; KR 20060130117 A 20061218; KR 20060130118 A 20061218; KR 20060130119 A 20061218; KR 20070032625 A 20070322; MX PA06006788 A 20060823; MX PA06006794 A 20060823; MX PA06006795 A 20060823; MX PA06006806 A 20060823; NL 1027750 A1 20050622; NL 1027750 C2 20060713; NL 1027751 A1 20050622; NL 1027751 C2 20060713; NL 1027752 A1 20050622; NL 1027752 C2 20060831; NL 1027753 A1 20050622; NL 1027753 C2 20060713; NL 1027754 A1 20050622; NL 1027754 C2 20060713; NL 1027755 A1 20050622; NL 1027755 C2 20060713; NL 1027756 A1 20050622; NL 1027756 C2 20060713; NL 1027757 A1 20050622; NL 1027757 C2 20060713; NL 1027758 A1 20050622; NL 1027758 C2 20060713; NL 1027759 A1 20050622; NL 1027759 C2 20060713; NL 1027760 A1 20050622; NL 1027760 C2 20060829; NL 1027761 A1 20050622; NL 1027761 C2 20060920; 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NL 1027767 C2 20060920; NL 1027768 A1 20050622; NL 1027768 C2 20060713; NL 1027769 A1 20050622; NL 1027769 C2 20060713; NL 1027770 A1 20050622; NL 1027770 C2 20060713; NL 1027771 A1 20050622; NL 1027771 C2 20060713; NL 1027772 A1 20050622; NL 1027772 C2 20060829; SG 138599 A1 20080128; SG 149049 A1 20090129; SG 149055 A1 20090129; TW 200530386 A 20050916; TW 200530387 A 20050916; TW 200530388 A 20050916; TW 200532010 A 20051001; TW 200533737 A 20051016; TW 200535221 A 20051101; TW 200535222 A 20051101; TW 200535223 A 20051101; TW 200535224 A 20051101; TW 200535225 A 20051101; TW 200535226 A 20051101; TW 200535227 A 20051101; TW 200535228 A 20051101; TW 200602481 A 20060116; TW I440707 B 20140611; TW I452127 B 20140911; WO 2005061666 A2 20050707; WO 2005061666 A3 20051110; WO 2005061667 A2 20050707; WO 2005061667 A3 20051027; WO 2005061668 A2 20050707; WO 2005061668 A3 20051110; WO 2005061669 A2 20050707; WO 2005061669 A3 20060105; WO 2005061670 A2 20050707; WO 2005061670 A3 20060323; WO 2005061678 A2 20050707; WO 2005061678 A3 20051110; WO 2005063924 A2 20050714; WO 2005063924 A3 20051110; WO 2005063925 A2 20050714; WO 2005063925 A3 20060202; WO 2005063926 A2 20050714; WO 2005063926 A3 20060105; WO 2005063927 A2 20050714; WO 2005063927 A3 20060330; WO 2005063929 A2 20050714; WO 2005063929 A3 20060427; WO 2005063930 A2 20050714; WO 2005063930 A3 20051229; WO 2005063931 A2 20050714; WO 2005063931 A3 20051222; WO 2005063933 A2 20050714; WO 2005063933 A3 20051229; WO 2005063934 A2 20050714; WO 2005063934 A3 20051020; WO 2005063935 A2 20050714; WO 2005063935 A3 20060323; WO 2005063937 A2 20050714; WO 2005063937 A3 20051229; WO 2005063938 A2 20050714; WO 2005063938 A3 20051215; WO 2005063939 A2 20050714; WO 2005063939 A3 20060309; WO 2005065189 A2 20050721; WO 2005065189 A3 20051013; WO 2005066303 A2 20050721; WO 2005066303 A3 20051013; WO 2005066306 A2 20050721; WO 2005066306 A3 20051208; WO 2005066307 A2 20050721; WO 2005066307 A3 20051229; WO 2005066310 A2 20050721; WO 2005066310 A3 20050922; WO 2005066311 A2 20050721; WO 2005066311 A3 20051110

DOCDB simple family (application)

US 2004042088 W 20041216; AU 2004303869 A 20041216; AU 2004303870 A 20041216; AU 2004303873 A 20041216; AU 2004303874 A 20041216; AU 2004309330 A 20041216; AU 2004309334 A 20041216; AU 2004309335 A 20041216; AU 2004309349 A 20041216; AU 2004309354 A 20041216; AU 2004311743 A 20041216; AU 2004312365 A 20041216; AU 2004312367 A 20041216; AU 2004312379 A 20041216; AU 2004312380 A 20041216; AU 2009202290 A 20090609; BR PI0405535 A 20041215; BR PI0405537 A 20041215; BR PI0405564 A 20041215; BR PI0405565 A 20041215; BR PI0405566 A 20041215; BR PI0405567 A 20041215; BR PI0405568 A 20041215; BR PI0405570 A 20041215; BR PI0405571 A 20041215; BR PI0405572 A 20041215; BR PI0405576 A 20041215; BR PI0405577 A 20041215; BR PI0405578 A 20041215; BR PI0405579 A 20041215; BR PI0405582 A 20041215; BR PI0405584 A 20041215; BR PI0405586 A 20041215; BR PI0405587 A 20041215; BR PI0405588 A 20041215; BR PI0405589 A 20041215; BR PI0405720 A 20041215; BR PI0405722 A 20041215; BR PI0405738 A 20041215; BR PI0405739 A 20041215; BR PI0405795 A 20041215; BR PI0405843 A 20041215; CA 2547360 A 20041216; CA 2548914 A 20041216; CA 2549088 A 20041216; CA 2549246 A 20041216; CA 2549251 A 20041216; CA 2549255 A 20041216; CA 2549258 A 20041216; CA 2549410 A 20041216; CA 2549411 A 20041216; CA 2549427 A 20041216; CA 2549430 A 20041216; CA 2549535 A 20041216; CA 2549566 A 20041216; CA 2549873 A 20041216; CA 2549875 A 20041216; CA 2549886 A 20041216; CA 2549887 A 20041216; CA 2551091 A 20041216; CA 2551096 A 20041216; CA 2551098 A 20041216; CA 2551101 A 20041216; CA 2551105 A 20041216; CA 2552461 A 20041216; CA 2552466 A 20041216; CA 2562759 A 20041216; CA 2652088 A 20041216; EP 04814292 A 20041216; EP 04814320 A 20041216; EP 04814324 A 20041216; EP 04814334 A 20041216; EP 04814336 A 20041216; EP 04814412 A 20041216; EP 04814413 A 20041216; EP 04814428 A 20041216; EP 04814488 A 20041216; EP 04814508 A 20041216; EP 04814509 A 20041216; EP 04814514 A 20041216; EP 04814519 A 20041216; EP 04814562 A 20041216; EP 04814585 A 20041216; EP 04814586 A 20041216; EP 04814588 A 20041216; EP 04814589 A 20041216; EP 04814591 A 20041216; EP 04814783 A 20041216; EP 04814792 A 20041216; EP 04814794 A 20041216; EP 04814796 A 20041216; EP 04814797 A 20041216; EP 04817041 A 20041216; EP 04820781 A 20041216; JP 2006545369 A 20041216; JP 2006545381 A 20041216; JP 2006545384 A 20041216; JP 2006545389 A 20041216; JP 2006545390 A 20041216; JP 2006545420 A 20041216; JP 2006545421 A 20041216; JP 2006545425 A 20041216; JP 2006545444 A 20041216; JP 2006545445 A 20041216; JP 2006545449 A 20041216; JP 2006545450 A 20041216; JP 2006545453 A 20041216; JP 2006545455 A 20041216; JP 2006545464 A 20041216; JP 2006545470 A 20041216; JP 2006545471 A 20041216; JP 2006545472 A 20041216; JP 2006545473 A 20041216; JP 2006545474 A 20041216; JP 2006545520 A 20041216; JP 2006545522 A 20041216; JP 2006545524 A 20041216; JP 2006545526 A 20041216; JP 2006545528 A 20041216; JP 2006545529 A 20041216; KR 20067014545 A 20060719; KR 20067014548 A 20060719; KR 20067014549 A 20060719; KR 20067014555 A 20041216; KR 20067014556 A 20060719; KR 20067014558 A 20060719; KR 20067014561 A 20060719; MX PA06006788 A 20041216; MX PA06006794 A 20041216; MX PA06006795 A 20041216; MX PA06006806 A 20041216; NL 1027750 A 20041215; NL 1027751 A 20041215; NL 1027752 A 20041215; NL 1027753 A 20041215; NL 1027754 A 20041215; NL 1027755 A 20041215; NL 1027756 A 20041215; NL 1027757 A 20041215; NL 1027758 A 20041215; NL 1027759 A 20041215; NL 1027760 A 20041215; NL 1027761 A 20041215; NL 1027762 A 20041215; NL 1027763 A 20041215; NL 1027764 A 20041215; NL 1027765 A 20041215; NL 1027766 A 20041215; NL 1027767 A 20041215; NL 1027768 A 20041215; NL 1027769 A 20041215; NL 1027770 A 20041215; NL 1027771 A 20041215; NL 1027772 A 20041215; SG 2007178478 A 20041216; SG 2008094674 A 20041216; SG 2008095036 A 20041216; TW 93139049 A 20041216; TW 93139051 A 20041216; TW 93139053 A 20041216; TW 93139054 A 20041216; TW 93139055 A 20041216; TW 93139056 A 20041216; TW 93139059 A 20041216; TW 93139061 A 20041216; TW 93139062 A 20041216; TW 93139063 A 20041216; TW 93139064 A 20041216; TW 93139065 A 20041216; TW 93139066 A 20041216; TW 93139067 A 20041216; US 2004042121 W 20041216; US 2004042125 W 20041216; US 2004042137 W 20041216; US 2004042139 W 20041216; US 2004042224 W 20041216; US 2004042225 W 20041216; US 2004042231 W 20041216; US 2004042309 W 20041216; US 2004042310 W 20041216; US 2004042332 W 20041216; US 2004042333 W 20041216; US 2004042338 W 20041216; US 2004042343 W 20041216; US 2004042399 W 20041216; US 2004042426 W 20041216; US 2004042427 W 20041216; US 2004042429 W 20041216; US 2004042430 W 20041216; US 2004042432 W 20041216; US 2004042640 W 20041216; US 2004042647 W 20041216; US 2004042651 W 20041216; US 2004042653 W 20041216; US 2004042655 W 20041216; US 2004042656 W 20041216