

Title (en)
SYSTEMS, METHODS, AND CATALYSTS FOR PRODUCING A CRUDE PRODUCT

Title (de)
SYSTEME, VERFAHREN UND KATALYSATOREN ZUR HERSTELLUNG EINES ROHPRODUKTS

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

Publication
EP 1704211 A2 20060927 (EN)

Application
EP 04814413 A 20041216

Priority
• US 2004042225 W 20041216
• 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 45/04 (2006.01); **B01J 23/22** (2006.01); **B01J 23/28** (2006.01); **B01J 35/10** (2006.01); **C10G 29/04** (2006.01); **C10G 45/00** (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)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005066301 A2 20050721; WO 2005066301 A3 20051117; AU 2004303869 A1 20050707; AU 2004303870 A1 20050707; AU 2004303873 A1 20050707; AU 2004303874 A1 20050707; AU 2004303874 B2 20090312; AU 2004309330 A1 20050714; AU 2004309330 B2 20090507; AU 2004309330 C1 20091022; AU 2004309334 A1 20050714; AU 2004309335 A1 20050714; AU 2004309335 B2 20080710; AU 2004309349 A1 20050714; AU 2004309349 B2 20090226; AU 2004309354 A1 20050714; AU 2004309354 B2 20090122; AU 2004311743 A1 20050721; AU 2004311743 B2 20081016; AU 2004312365 A1 20050721; AU 2004312367 A1 20050721; AU 2004312379 A1 20050721; AU 2004312380 A1 20050721; AU 2009202290 A1 20090702; AU 2009202290 B2 20110512; BR PI0405535 A 20050830; BR PI0405535 B1 20140916; BR PI0405537 A 20050830; BR PI0405537 B1 20140722; BR PI0405564 A 20050830; BR PI0405564 B1 20140311; BR PI0405565 A 20050830; BR PI0405566 A 20050920; BR PI0405567 A 20050830; BR PI0405567 B1 20140805; BR PI0405568 A 20050830; BR PI0405568 B1 20140826; BR PI0405570 A 20050830; BR PI0405570 B1 20140812; BR PI0405571 A 20050830; BR PI0405572 A 20050830; BR PI0405576 A 20051004; BR PI0405577 A 20051004; BR PI0405577 B1 20140812; BR PI0405578 A 20051004; BR PI0405578 B1 20140819; BR PI0405579 A 20051004; BR PI0405582 A 20051004; BR PI0405582 B1 20140902; BR PI0405584 A 20051004; BR PI0405586 A 20051004; BR PI0405587 A 20051004; BR PI0405588 A 20051004; BR PI0405589 A 20051004; BR PI0405589 B1 20140902; BR PI0405720 A 20051004; BR PI0405720 B1 20140304; BR PI0405722 A 20051004; BR PI0405738 A 20050830; BR PI0405738 B1 20140923; BR PI0405739 A 20050830; BR PI0405739 B1 20140617; BR PI0405795 A 20051004; BR PI0405843 A 20051004; BR PI0405843 B1 20140909; CA 2547360 A1 20050714; CA 2548914 A1 20050714; CA 2548914 C 20130514; CA 2549088 A1 20050714; CA 2549088 C 20130604; CA 2549246 A1 20050707; CA 2549251 A1 20050707; CA 2549251 C 20140211; CA 2549255 A1 20050721; CA 2549255 C 20131119; CA 2549258 A1 20050721; CA 2549258 C 20130312; CA 2549410 A1 20050721; CA 2549410 C 20130423; CA 2549411 A1 20050721; CA 2549427 A1 20050707; CA 2549427 C 20130924; CA 2549430 A1 20050721; CA 2549430 C 20130702; CA 2549535 A1 20050707; CA 2549535 C 20130312; CA 2549566 A1 20050714; CA 2549566 C 20131112; CA 2549873 A1 20050721; CA 2549873 C 20140218; CA 2549875 A1 20050714; CA 2549875 C 20131119; CA 2549886 A1 20050714; CA 2549886 C 20150317; CA 2549887 A1 20050707; CA 2551091 A1 20050714; CA 2551091 C 20140513; CA 2551096 A1 20050714; CA 2551096 C 20130312; CA 2551098 A1 20050714; CA 2551101 A1 20050714; CA 2551101 C 20130312; CA 2551105 A1 20050714; CA 2551105 C 20130723; CA 2552461 A1 20050714; CA 2552461 C 20131112; CA 2552466 A1 20050714; CA 2552466 C 20130312; CA 2562759 A1 20050721; CA 2652088 A1 20050714; CA 2652088 C 20141118; EP 1702022 A2 20060920; EP 1702030 A2 20060920; EP 1702031 A2 20060920; EP 1702032 A2 20060920; EP 1702033 A2 20060920; EP 1702034 A2 20060920; EP 1702035 A2 20060920; EP 1702036 A2 20060920; EP 1702037 A2 20060920; EP 1702039 A2 20060920; EP 1702040 A2 20060920; EP 1702042 A2 20060920; EP 1702043 A2 20060920; EP 1702044 A2 20060920; EP 1702047 A2 20060920; EP 1702055 A2 20060920; EP 1704204 A2 20060927; EP 1704205 A2 20060927; EP 1704206 A2 20060927; EP 1704208 A2 20060927; EP 1704211 A2 20060927; EP 1709141 A2 20061011; EP 1711582 A2 20061018; EP 1711583 A2 20061018; EP 1713886 A2 20061025; EP 1713887 A2 20061025; JP 2007514539 A 20070607; JP 2007514820 A 20070607; JP 2007514821 A 20070607; JP 2007514824 A 20070607; JP 2007514826 A 20070607; JP 2007514827 A 20070607; JP 2007514830 A 20070607; JP 2007514831 A 20070607; JP 2007514835 A 20070607; JP 2007514836 A 20070607; JP 2007514837 A 20070607; JP 2007514838 A 20070607; JP 2007514840 A 20070607; JP 2007514841 A 20070607; JP 2007514842 A 20070607; JP 2007514843 A 20070607; JP 2007514845 A 20070607; JP 2007514847 A 20070607; JP 2007514849 A 20070607; JP 2007514850 A 20070607; JP 2007515523 A 20070614; JP 2007517931 A 20070705; JP 2007518847 A 20070712; JP 2007518848 A 20070712; JP 2007521386 A 20070802; 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; NL 1027762 A1 20050622; NL 1027762 C2 20060713; NL 1027763 A1 20050622; NL 1027763 C2 20060920; NL 1027764 A1 20050622; NL 1027764 C2 20060713; NL 1027765 A1 20050622; NL 1027765 C2 20060920; NL 1027766 A1 20050622; NL 1027766 C2 20060713; NL 1027767 A1 20050622;

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