

Title (en)

PROCESS TO PRODUCE A GAS OIL BY CATALYTIC CRACKING OF A FISHER-TROPSCH PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GASÖLS DURCH KATALYTISCHES CRACKEN EINES FISCHER-TROPSCH-PRODUKTS

Title (fr)

PROCEDE PERMETTANT DE PRODUIRE UN GASOIL PAR CRAQUAGE CATALYTIQUE D'UN PRODUIT FISHER-TROPSCH

Publication

EP 1753841 A1 20070221 (EN)

Application

EP 05742738 A 20050525

Priority

- EP 2005052391 W 20050525
- EP 2004050931 W 20040526
- EP 04106189 A 20041130
- EP 05742738 A 20050525

Abstract (en)

[origin: WO2005118747A1] Process to prepare a gas oil, by (a) isolating from a Fischer-Tropsch synthesis product a first gas oil fraction and a fraction boiling above the gas oil fraction, (b) contacting the heavier fraction with a catalyst system comprising a catalyst, which catalyst comprises an acidic matrix and a large pore molecular sieve in a riser reactor at a temperature of between 450 and 650 °C at a contact time of between 1 and 10 seconds and at a catalyst to oil ratio of between 2 and 20 kg/kg, (c) isolating from the product of step (b) a second gas oil fraction; (d) combining the first gas oil fraction with the second gas oil.

IPC 8 full level

C10G 2/00 (2006.01); **C10G 11/05** (2006.01); **C10G 11/18** (2006.01); **C10L 1/08** (2006.01)

CPC (source: EP US)

C10G 2/332 (2013.01 - EP US); **C10G 11/00** (2013.01 - EP US); **C10G 11/05** (2013.01 - EP US); **C10G 11/18** (2013.01 - EP US); **C10G 2300/1022** (2013.01 - EP US); **C10G 2300/1059** (2013.01 - EP US); **C10G 2300/4006** (2013.01 - EP US); **C10G 2400/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2005118747A1

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 2005118747 A1 20051215; BR PI0510476 A 20071106; CN 1965059 A 20070516; CN 1965059 B 20100616; EP 1753841 A1 20070221; JP 2008500418 A 20080110; JP 4955541 B2 20120620; RU 2006146060 A 20080710; RU 2388791 C2 20100510; US 2007227946 A1 20071004

DOCDB simple family (application)

EP 2005052391 W 20050525; BR PI0510476 A 20050525; CN 200580013751 A 20050525; EP 05742738 A 20050525; JP 2007513930 A 20050525; RU 2006146060 A 20050525; US 59744105 A 20050525