

Title (en)

METHOD FOR PRODUCING HYDROCARBON FUEL OIL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOHLENWASSERSTOFFBRENNÖLEN

Title (fr)

PROCEDE PERMETTANT DE PRODUIRE UN MAZOUT D'HYDROCARBURES

Publication

EP 1927645 A4 20090527 (EN)

Application

EP 05785789 A 20050922

Priority

JP 2005017522 W 20050922

Abstract (en)

[origin: EP1927645A1] To efficiently obtain a liquid fuel containing no sulfur and having good cold flow properties by hydrotreating heavy wax generated by the Fischer-Tropsch (FT) synthesis to perform cracking with the gasification rate restrained and also increase an isomerization reaction which occurs at the same time. A method for producing a hydrocarbon fuel oil, in which heavy wax generated by the FT synthesis is hydrotreated with a catalyst of the platinum group using zeolite or silica-alumina as a support under specific reaction conditions corresponding to the kind of the support, thereby performing cracking and an isomerization reaction.

IPC 8 full level

C10L 1/16 (2006.01); **C10G 2/00** (2006.01); **C10G 45/62** (2006.01); **C10G 45/64** (2006.01); **C10G 47/14** (2006.01); **C10G 47/18** (2006.01)

CPC (source: EP US)

C10G 45/64 (2013.01 - EP US)

Citation (search report)

- [X] US 2004074810 A1 20040422 - HOEK AREND [NL], et al
- [X] WO 0190280 A2 20011129 - SASOL TECH PTY LTD [ZA], et al
- [A] EP 1101813 A1 20010523 - AGIP PETROLI [IT], et al
- [A] US 6602402 B1 20030805 - BENAZZI ERIC [FR], et al
- [A] US 3268436 A 19660823 - AREY JR WILLIAM FLOYD, et al
- See references of WO 2007034556A1

Citation (examination)

- WO 9934917 A1 19990715 - SHELL INT RESEARCH [NL]
- EP 0532118 A1 19930317 - SHELL INT RESEARCH [NL]

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CN105548377A; AU2008207434B2

Designated contracting state (EPC)

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EP 1927645 A1 20080604; **EP 1927645 A4 20090527**; US 2008222945 A1 20080918; WO 2007034556 A1 20070329; ZA 200700432 B 20080825

DOCDB simple family (application)

EP 05785789 A 20050922; JP 2005017522 W 20050922; US 63179305 A 20050922; ZA 200700432 A 20070126