

Title (en)

METHOD FOR PRODUCING HYDROTREATED OIL AND METHOD FOR PRODUCING CATALYTIC CRACKED OIL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WASSERSTOFFBEHANDELTEM ÖL UND SYSTEM ZUR HERSTELLUNG VON KATALYTISCH GECKACKTEM ÖL

Title (fr)

PROCÉDÉ DE PRODUCTION D'HUILE HYDROTRAITÉE ET PROCÉDÉ DE PRODUCTION D'HUILE DE CRAQUAGE CATALYTIQUE

Publication

EP 3305874 A4 20190123 (EN)

Application

EP 16803121 A 20160523

Priority

- JP 2015109748 A 20150529
- JP 2016065219 W 20160523

Abstract (en)

[origin: US2018016505A1] There is provided a method for producing hydrotreated oil comprising: a step of passing heavy hydrocarbon oil through a reactor filled with a hydrotreating catalyst to obtain hydrotreated oil, wherein the hydrotreating catalyst contains phosphorus, an iron group element, and a group 6 element; the ratio C2/C1 of a content C2 of the iron group element to a content C1 of phosphorus in the hydrotreating catalyst is less than 0.60 in a molar ratio; and the average pore diameter of the hydrotreating catalyst is larger than 7.5 nm and smaller than 9.5 nm.

IPC 8 full level

C10G 45/08 (2006.01); **C10G 69/04** (2006.01)

CPC (source: EP KR US)

C10G 45/08 (2013.01 - EP KR US); **C10G 69/04** (2013.01 - EP KR US); **C10G 2300/202** (2013.01 - EP KR US)

Citation (search report)

- [X] US 4846961 A 19890711 - ROBINSON PAUL R [US], et al
- [I] FR 2904242 A1 20080201 - INST FRANCAIS DU PETROLE [FR]
- [A] US 2008017551 A1 20080124 - KIRIYAMA KAZUYUKI [JP], et al
- See references of WO 2016194686A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 201615550871 A 20160523; CA 2986556 A 20160523; EP 16803121 A 20160523; JP 2016065219 W 20160523; JP 2017521827 A 20160523; KR 20177024887 A 20160523