

Title (en)

PROCESS FOR PRODUCING KEROSENE AND/OR DIESEL FROM RENEWABLE SOURCES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KEROSIN UND/ODER DIESEL AUS ERNEUERBAREN QUELLEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE KÉROSÈNE ET/OU DE DIESEL À PARTIR DE SOURCES RENOUVELABLES

Publication

EP 4321600 A1 20240214 (EN)

Application

EP 22189834 A 20220811

Priority

EP 22189834 A 20220811

Abstract (en)

A process for improving yield of kerosene and/or diesel from a renewable feedstock involves hydrotreating a renewable feedstock and hydroisomerizing the hydrotreated liquid. The isomerized effluent is separated to produce an offgas stream, at least one fuel stream having a desired boiling point range, and a heavy fraction having a boiling point greater than the desired boiling point range. The heavy fraction is passed to a hydrocracking zone to produce a hydrocracked effluent. The hydrocracked effluent is passed to the hydrotreating zone.

IPC 8 full level

C10G 65/12 (2006.01); **C10G 3/00** (2006.01); **C10G 45/02** (2006.01); **C10G 45/64** (2006.01); **C10G 47/02** (2006.01)

CPC (source: EP)

C10G 3/50 (2013.01); **C10G 45/02** (2013.01); **C10G 45/64** (2013.01); **C10G 47/02** (2013.01); **C10G 65/12** (2013.01); **C10G 2300/1011** (2013.01); **C10G 2400/04** (2013.01)

Citation (applicant)

- US 8828217 B2 20140909 - HANKS PATRICK L [US], et al
- EP 2684938 B1 20180207 - SK INNOVATION CO LTD [KR], et al
- WO 2020144095 A1 20200716 - IFP ENERGIES NOW [FR]
- WO 2020144096 A1 20200716 - IFP ENERGIES NOW [FR]
- WO 2020144097 A1 20200716 - IFP ENERGIES NOW [FR]
- US 8314274 B2 20121120 - MARKER TERRY L [US], et al
- US 8742183 B2 20140603 - MCCALL MICHAEL J [US], et al
- EP 2141217 B1 20150325 - NESTE OIL OYJ [FI]
- US 9005429 B2 20150414 - MARKKANEN VARPU [FI], et al
- US 63245023 P
- US 63245009 P

Citation (search report)

- [X] EP 3696250 A1 20200819 - HALDOR TOPSOE AS [DK]
- [A] US 2009229172 A1 20090917 - BRADY JOHN P [US], et al
- [A] US 2009162264 A1 20090625 - MCCALL MICHAEL J [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4321600 A1 20240214

DOCDB simple family (application)

EP 22189834 A 20220811