

Title (en)
HYDROPROCESSING OF HIGH DENSITY CRACKED FRACTIONS

Title (de)
HYDROPROCESSING VON CRACKFRAKTIONEN MIT HOHER DICHT

Title (fr)
HYDROTRAITEMENT DE FRACTIONS CRAQUÉES DE DENSITÉ ÉLEVÉE

Publication
EP 3679113 A1 20200715 (EN)

Application
EP 18778608 A 20180829

Priority

- US 201762555748 P 20170908
- US 2018048441 W 20180829

Abstract (en)
[origin: US2019078027A1] Systems and methods are provided for upgrading a heavy cracked feedstock in a single reaction stage under fixed bed hydroprocessing conditions, including exposing the feedstock to a first bulk or supported mixed metal catalyst comprising Ni and Mo; exposing the feedstock to a second bulk or supported mixed metal catalyst comprising Ni and W; and exposing the feedstock to a third catalyst comprising a zeolite-based hydrocracking catalyst.

IPC 8 full level
C10G 65/12 (2006.01); **C10G 45/08** (2006.01); **C10G 45/50** (2006.01); **C10G 47/02** (2006.01); **C10G 47/16** (2006.01)

CPC (source: EP US)
C10G 45/08 (2013.01 - EP US); **C10G 45/50** (2013.01 - EP US); **C10G 45/52** (2013.01 - EP US); **C10G 47/02** (2013.01 - EP US); **C10G 47/16** (2013.01 - EP US); **C10G 47/18** (2013.01 - EP US); **C10G 65/12** (2013.01 - EP US); **C10G 2300/301** (2013.01 - EP US); **C10G 2300/308** (2013.01 - EP US)

Citation (search report)
See references of WO 2019050725A1

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

DOCDB simple family (publication)
US 2019078027 A1 20190314; AU 2018329534 A1 20200206; CA 3071276 A1 20190314; CN 111051477 A 20200421; EP 3679113 A1 20200715; SG 11201913295X A 20200330; WO 2019050725 A1 20190314

DOCDB simple family (application)
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