

Title (en)
FIXED BED HYDROPROCESSING OF DEASPHALTER ROCK

Title (de)
FESTBETT-HYDROPROCESSING VON ENTASPHALTIERERGESTEIN

Title (fr)
HYDROTRAITEMENT SUR LIT FIXE DE ROCHE DE DÉSALPHALTAGE

Publication
EP 3325576 A1 20180530 (EN)

Application
EP 16741753 A 20160706

Priority

- US 201562196501 P 20150724
- US 2016041062 W 20160706

Abstract (en)
[origin: US2017022433A1] Systems and methods are provided for fixed bed hydroprocessing of deasphalter rock. Instead of attempting to process vacuum resid in a fixed bed processing unit, vacuum resid is deasphalted to form a deasphalted oil and deasphalter residue or rock. The rock can then be hydroprocessed in a fixed bed reaction zone, optionally after combining the rock with an aromatic co-feed and/or a hydroprocessing solvent. This can allow for improved conversion of the deasphalter rock and/or improved combined conversion of the deasphalter rock and deasphalted oil.

IPC 8 full level
C10G 49/00 (2006.01); **C10G 67/04** (2006.01)

CPC (source: EP US)
C10G 45/00 (2013.01 - EP US); **C10G 47/00** (2013.01 - EP US); **C10G 49/002** (2013.01 - EP US); **C10G 67/0454** (2013.01 - EP US); **C10G 67/0463** (2013.01 - EP US); **C10G 67/049** (2013.01 - EP US); **C10G 69/04** (2013.01 - EP US); **C10G 2300/1077** (2013.01 - EP US); **C10G 2300/206** (2013.01 - EP US); **C10G 2300/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2017019263A1

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2017022433 A1 20170126; CA 2993442 A1 20170202; EP 3325576 A1 20180530; WO 2017019263 A1 20170202

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