

Title (en)

METHODS AND SYSTEMS FOR PRODUCING LIGHT OLEFINS FROM NAPHTHA

Title (de)

VERFAHREN UND SYSTEME ZUR HERSTELLUNG VON LEICHTEN OLEFINEN AUS NAPHTHA

Title (fr)

PROCÉDÉS ET SYSTÈMES POUR PRODUIRE DES OLÉFINES LÉGÈRES À PARTIR DE NAPHTHA

Publication

**EP 3720927 A1 20201014 (EN)**

Application

**EP 18816231 A 20181115**

Priority

- US 201762594329 P 20171204
- IB 2018058997 W 20181115

Abstract (en)

[origin: WO2019111079A1] Methods and systems for producing olefins from a naphtha feedstock are provided. Methods can include pyrolyzing the naphtha feedstock in the presence of hydrogen gas to produce a first effluent, separating the first effluent into light components, heavy components and one or more olefin product streams, steam cracking the light components to produce a second effluent, and extracting aromatics, if any, from the heavy components to produce a third effluent.

IPC 8 full level

**C10G 1/06** (2006.01); **C10G 9/36** (2006.01); **C10G 69/06** (2006.01); **C10K 3/04** (2006.01)

CPC (source: EP US)

**C10G 1/06** (2013.01 - EP); **C10G 9/36** (2013.01 - EP); **C10G 47/22** (2013.01 - US); **C10G 69/06** (2013.01 - EP US); **C10K 3/04** (2013.01 - EP US); **C10G 2300/1044** (2013.01 - EP US); **C10G 2400/20** (2013.01 - US); **C10G 2400/22** (2013.01 - US); **C10G 2400/30** (2013.01 - US)

Citation (search report)

See references of WO 2019111079A1

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)

**WO 2019111079 A1 20190613**; EP 3720927 A1 20201014; US 2020399546 A1 20201224

DOCDB simple family (application)

**IB 2018058997 W 20181115**; EP 18816231 A 20181115; US 201816767224 A 20181115