

Title (en)
PROCESS FOR PRODUCING LIGHTER DISTILLATES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON LEICHTEREN DESTILLATEN

Title (fr)
PROCÉDÉ DE PRODUCTION DE DISTILLATS PLUS LÉGERS

Publication
EP 3535355 A4 20200513 (EN)

Application
EP 17867017 A 20171107

Priority
• IN 201621038025 A 20161107
• IN 2017050514 W 20171107

Abstract (en)
[origin: WO2018083715A1] The present subject matter relates to a process of producing lighter distillates. The hydrocarbons in the presence of organometallic catalyst are reacted with hydrogen leading to hydrotreating and/or hydrocracking reactions. The metals present in product are subsequently captured in the metal capture unit.

IPC 8 full level
C10G 47/00 (2006.01); **B01J 31/12** (2006.01); **C10G 25/00** (2006.01); **C10G 31/10** (2006.01); **C10G 45/02** (2006.01); **C10G 45/04** (2006.01); **C10G 47/02** (2006.01); **C10G 49/02** (2006.01)

CPC (source: EP US)
C10G 25/00 (2013.01 - EP); **C10G 31/10** (2013.01 - EP); **C10G 45/02** (2013.01 - EP); **C10G 45/04** (2013.01 - EP); **C10G 45/08** (2013.01 - US); **C10G 45/10** (2013.01 - US); **C10G 45/16** (2013.01 - US); **C10G 47/00** (2013.01 - EP); **C10G 47/02** (2013.01 - EP); **C10G 47/14** (2013.01 - US); **C10G 49/02** (2013.01 - EP); **C10G 2300/1055** (2013.01 - US); **C10G 2300/301** (2013.01 - US); **C10G 2300/4093** (2013.01 - EP US); **C10G 2300/706** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP); **C10G 2400/04** (2013.01 - EP US); **C10G 2400/06** (2013.01 - US)

Citation (search report)
• [X] US 2016288101 A1 20161006 - PRAJAPATI RAVINDRA [IN], et al
• [X] US 5171727 A 19921215 - GATSIS JOHN G [US]
• [I] US 2009308792 A1 20091217 - WU ZHIHUA [US], et al
• [A] US 2016137931 A1 20160519 - KUMAR PRAMOD [IN], et al
• See also references of WO 2018083715A1

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

DOCDB simple family (publication)
WO 2018083715 A1 20180511; CA 3042972 A1 20180511; CA 3042972 C 20240220; EP 3535355 A1 20190911; EP 3535355 A4 20200513; US 2019330543 A1 20191031

DOCDB simple family (application)
IN 2017050514 W 20171107; CA 3042972 A 20171107; EP 17867017 A 20171107; US 201716347785 A 20171107