

Title (en)  
A METHOD FOR DIESEL PRODUCTION

Title (de)  
VERFAHREN ZUR DIESELPRODUKTION

Title (fr)  
PROCÉDÉ DE PRODUCTION DE DIESEL

Publication  
**EP 3230411 B1 20230111 (EN)**

Application  
**EP 14835732 A 20141211**

Priority  
TR 2014000503 W 20141211

Abstract (en)  
[origin: WO2016093777A1] The present invention proposes a method for production of diesel from a hydrocarbon mixture having an initial T95 distillation temperature within the range between 360°C and 420°C, using a continuous reactor system wherein the reactor system temperature is within the range of 350°C and 450°C, the hydrogen partial pressure within the reactor system is within the range of 60 bar and 80 bar, the reactor system comprises a hydrodesulfurization zone comprising hydrodesulfurization catalyst, and the reactor system further comprises a hydrocracking zone comprising a hydrocracking catalyst; and wherein said method comprises the sequential steps of preparation of a hydrocarbon mixture by admixing a diesel range stream having a T95 distillation temperature of maximum 360°C with a heavy stream having a T95 distillation temperature higher than 360°C, feeding the hydrocarbon mixture into the reactor system, forwarding the hydrocarbon mixture such that the hydrocarbon mixture flows through the hydrodesulfurization zone, forwarding the hydrocarbon mixture such that said hydrocarbon mixture flows through a hydrocracking zone.

IPC 8 full level  
**C10G 65/12** (2006.01); **C10G 45/08** (2006.01); **C10G 47/18** (2006.01); **C10G 47/20** (2006.01); **C10L 1/08** (2006.01)

CPC (source: EP)  
**C10G 45/08** (2013.01); **C10G 47/18** (2013.01); **C10G 47/20** (2013.01); **C10G 65/12** (2013.01); **C10L 1/08** (2013.01); **C10G 2300/1055** (2013.01); **C10G 2300/1059** (2013.01); **C10G 2300/202** (2013.01); **C10G 2300/301** (2013.01); **C10G 2300/802** (2013.01); **C10G 2400/04** (2013.01)

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 2016093777 A1 20160616**; EP 3230411 A1 20171018; EP 3230411 B1 20230111

DOCDB simple family (application)  
**TR 2014000503 W 20141211**; EP 14835732 A 20141211