

Title (en)
A METHOD FOR DIESEL PRODUCTION

Title (de)
VERFAHREN ZUR DIESELPRODUKTION

Title (fr)
PROCÉDÉ DE PRODUCTION DE DIESEL

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Application
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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.

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