

Title (en)
METHOD FOR PRODUCTION OF MEDIUM DISTILLATES BY HYDROISOMERISATION AND HYDROCRACKING OF TWO FRACTIONS FROM MATERIAL PRODUCED BY THE FISCHER-TROPSCH PROCESS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MITTELDESTILLATEN DURCH HYDROISOMERISATION UND HYDROCRACKING AUS ZWEI FRAKTIONEN DER REAKTIONSPRODUKTE AUS DEM FISCHER-TROPSCH VERFAHREN

Title (fr)
PROCEDE DE PRODUCTION DE DISTILLATS MOYENS PAR HYDROISOMERISATION ET HYDROCRAQUAGE DE 2 FRACTIONS ISSUES DE CHARGES PROVENANT DU PROCEDE FISCHER-TROPSCH

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Application
EP 02755093 A 20020626

Priority
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Abstract (en)
[origin: WO03004584A1] The method comprises the following steps: fractionation of the paraffinic product from a Fischer-Tropsch synthesis into at least three fractions, one intermediate fraction boiling between T1 and T2, with T1 between 120 and 200 DEG C and T2 greater than 300 DEG C and less than 410 DEG C, a light fraction with a lower boiling point and a heavy fraction with a higher boiling point; the intermediate fraction is at least partly hydrotreated, then at least partly passed over an amorphous hydroisomerisation/hydrocracking catalyst; the heavy fraction is passed over an amorphous hydroisomerisation/hydrocracking catalyst with a conversion of products boiling at 370 DEG C+ into products boiling at less than 370 DEG C of greater than 80 % by weight; and distillation of products from hydrocracking/hydroisomerisation to give medium distillates (kerosene, diesel). An installation is also disclosed.

IPC 1-7
C10G 65/00; **C10G 69/14**

IPC 8 full level
C10G 45/62 (2006.01); **C10G 47/14** (2006.01); **C10G 65/00** (2006.01); **C10G 65/14** (2006.01); **C10G 69/14** (2006.01)

CPC (source: EP US)
C10G 45/62 (2013.01 - EP US); **C10G 47/14** (2013.01 - EP US); **C10G 65/00** (2013.01 - EP US); **C10G 65/14** (2013.01 - EP US); **C10G 69/14** (2013.01 - EP US); **C10G 2300/1022** (2013.01 - EP US); **C10G 2300/301** (2013.01 - EP US); **C10G 2300/4018** (2013.01 - EP US); **C10G 2300/4081** (2013.01 - EP US); **C10G 2400/04** (2013.01 - EP US); **C10G 2400/06** (2013.01 - EP US); **C10G 2400/08** (2013.01 - EP US); **Y10S 208/95** (2013.01 - EP US)

Citation (search report)
See references of WO 03004584A1

Cited by
US10190063B2; US10487273B2

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DOCDB simple family (application)
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