

Title (en)

A PROCESS FOR THE PRODUCTION OF LOW-ASPHALTENES HYDROCARBON MIXTURES

Publication

EP 0125709 A3 19870325 (EN)

Application

EP 84200457 A 19840328

Priority

- NL 8301352 A 19830418
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Abstract (en)

[origin: EP0125709A2] Deasphalted oils and distillates are produced from asphaltenes-containing hydrocarbons by two-step solvent-deasphalting (yielding a high quality DAO-1, a DAO-2 of lower quality and asphalt) and converting the DAO-2 or the asphalt by catalytic hydrotreatment into a product having a reduced RCT, which is separated by distillation into distillate fraction(s) and a residue which is subjected to thermal or catalytic cracking or which is used as feed component for solvent-deasphalting and the cracked product is separated by distillation into distillate fraction(s) and a residue which is used as feed component in solvent-deasphalting, or by subjecting the DAO-2 to thermal or catalytic cracking and/or the asphalt to thermal cracking and converting a distillation residue of the cracked product(s) by catalytic hydrotreatment into a product having a reduced RCT, which is separated by distillation into distillate fraction(s) and a residue which is used as feed component for solvent-deasphalting.

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C10G 69/02

IPC 8 full level

C10G 69/02 (2006.01)

CPC (source: EP)

C10G 69/02 (2013.01); **C10G 2300/107** (2013.01)

Citation (search report)

- [A] GB 1546960 A 19790531 - SHELL INT RESEARCH
- [AP] EP 0082555 A1 19830629 - SHELL INT RESEARCH [NL]
- [A] US 4354922 A 19821019 - DERBYSHIRE FRANCIS J, et al

Cited by

EP0372632A1; US8440069B2; US8062504B2; US8425761B2; WO9607716A1

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