

Title (en)

Process for producing lubricating base oils

Title (de)

Verfahren zur Herstellung von Basisschmierölen

Title (fr)

Procédé de production d'huiles de base pour lubrifiants

Publication

EP 0744452 A3 19970122 (EN)

Application

EP 96201148 A 19960426

Priority

- EP 96201148 A 19960426
- EP 95400991 A 19950428

Abstract (en)

[origin: EP0744452A2] Process for producing lubricating base oils, which process comprises the steps of: (a) contacting a hydrowax obtained as the bottom fraction of a hydrocracked effluent with a catalyst comprising platinum and/or palladium on a refractory oxide carrier in the presence of hydrogen under such conditions that at least 10% by weight, preferably at least 25% by weight, of the hydrocarbons having a boiling point of 370 DEG C or higher, which are present in the hydrowax, is converted into hydrocarbons having a lower boiling point, (b) separating the product obtained in step (a) in at least one lighter distillate fraction and a heavy distillate fraction having a VI of 125 or higher, preferably of 135 or higher, and a kinematic viscosity at 100 DEG C of a least 3.5 centiStokes, and (c) dewaxing the heavy distillate fraction obtained in step (b).

IPC 1-7

C10G 65/12; **C10G 65/04**; **C10G 67/04**

IPC 8 full level

C10G 65/10 (2006.01); **C10G 65/12** (2006.01); **C10G 67/04** (2006.01)

CPC (source: EP)

C10G 65/10 (2013.01); **C10G 2400/10** (2013.01)

Citation (search report)

- [A] EP 0574191 A1 19931215 - MOBIL OIL CORP [US]
- [A] EP 0323724 A2 19890712 - EXXON RESEARCH ENGINEERING CO [US]
- [A] EP 0323092 A2 19890705 - EXXON RESEARCH ENGINEERING CO [US]

Cited by

EP1054939A4; US6136181A; US5993644A; FR2798136A1; KR100711294B1; WO0118156A1; US6264826B1

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