

Title (en)

Process for the conversion of a residual hydrocarbon oil.

Title (de)

Verfahren zur Verwandlung von rückstand Kohlenwasserstofföls.

Title (fr)

Procédé de conversion d'une huile résiduelle hydrocarbonée.

Publication

EP 0683218 A3 19960320 (EN)

Application

EP 95201314 A 19950518

Priority

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- EP 94201423 A 19940519

Abstract (en)

[origin: EP0683218A2] Process for the conversion of a residual hydrocarbon oil, preferably a vacuum hydrocarbon oil residue, comprising the following steps: (a) deasphalting the residual hydrocarbon oil producing an asphaltic fraction and a deasphalted oil (DAO); (b) passing the DAO through a bed of a hydrometallisation catalyst in the presence of hydrogen under demetallising conditions, producing an upgraded DAO; and (c) blending the upgraded DAO with one or more flashed distillate fractions and subjecting the resulting blend stream to hydrocracking, producing one or more distillate fractions. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [Y] FR 1423627 A 19660107 - INST FRANCAIS DU PETROLE
- [Y] US 4165274 A 19790821 - KWANT PIETER B
- [Y] DE 1816828 A1 19690731 - SHELL INT RESEARCH

Cited by

CN103059998A; EP1731588A1; CN103540358A; CN102453541A; CN102453545A; CN113166659A; US6241874B1; US8052864B2; WO2008065182A1; WO0006670A1; WO9913024A1; US8475546B2; US9487400B2

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