

Title (en)

Process for converting residual hydrocarbon oils

Title (de)

Verfahren zur Verwandlung von Rückstandskohlenwasserstoffölen

Title (fr)

Procédé de conversion d'huiles hydrocarbonées résiduelles

Publication

EP 0751205 A3 19970409 (EN)

Application

EP 96201790 A 19960628

Priority

- EP 96201790 A 19960628
- EP 95201781 A 19950629

Abstract (en)

[origin: EP0751205A2] Process for hydrocracking residual hydrocarbon oils, which process comprises contacting a residual hydrocarbon oil in the presence of hydrogen with a hydrocracking catalyst comprising a modified zeolite Y having a unit cell size in the range of from 24.20 to 24.65 ÅNGSTROM under operating conditions whereby at least 20% by weight of the hydrocarbons having a boiling point of 520 DEG C or higher present in the residual hydrocarbon oil is converted into hydrocarbons having a boiling point below 520 DEG C.

IPC 1-7

C10G 47/16; C10G 65/12; C10G 69/08

IPC 8 full level

C10G 47/20 (2006.01); **C10G 65/12** (2006.01); **C10G 69/08** (2006.01)

CPC (source: EP)

C10G 47/20 (2013.01); **C10G 65/12** (2013.01); **C10G 69/08** (2013.01)

Citation (search report)

- [X] EP 0421422 A2 19910410 - RESIDUAL OIL PROC RES ASS [JP]
- [X] EP 0028938 A1 19810520 - UNION CARBIDE CORP [US]
- [DA] EP 0247678 A2 19871202 - SHELL INT RESEARCH [NL]
- [A] EP 0292030 A2 19881123 - SHELL INT RESEARCH [NL]
- [A] EP 0588440 A1 19940323 - SHELL INT RESEARCH [NL]
- [A] WO 9324592 A1 19931209 - UNION OIL CO [US]
- [A] EP 0528494 A1 19930224 - SHELL INT RESEARCH [NL]

Designated contracting state (EPC)

DE ES FI FR GB IT NL

DOCDB simple family (publication)

EP 0751205 A2 19970102; EP 0751205 A3 19970409

DOCDB simple family (application)

EP 96201790 A 19960628