

Title (en)

Process for the hydrocracking of a hydrocarbonaceous feedstock.

Title (de)

Verfahren zum Hydrokracken von Kohlenwasserstoffeinsätzen.

Title (fr)

Procédé d'hydrocraquage de charges hydrocarbonées.

Publication

EP 0354623 A1 19900214 (EN)

Application

EP 89202059 A 19890808

Priority

- CA 604067 A 19890627
- GB 8819122 A 19880811

Abstract (en)

A hydrocarbonaceous feedstock is hydrocracked by contacting the feedstock (11) in a first reaction stage (1) at elevated temperature and pressure in the presence of hydrogen (12) with a first hydrocracking catalyst to obtain a first effluent (14), separating from the first effluent a gaseous phase (15) and a liquid phase (16) at substantially the same temperature and pressure as prevailing in the first reaction stage, contacting the liquid phase of the first effluent in a second reaction stage (2) at elevated temperature and pressure in the presence of hydrogen (18) with a second hydrocracking catalyst to obtain a second effluent (20) and obtaining at least one desired product by fractionation (4) of the combined gaseous phase and the second effluent.

IPC 1-7

C10G 65/10

IPC 8 full level

B01J 29/10 (2006.01); **B01J 29/12** (2006.01); **B01J 29/14** (2006.01); **B01J 29/16** (2006.01); **C10G 65/10** (2006.01)

CPC (source: EP)

C10G 65/10 (2013.01)

Citation (search report)

- [Y] DE 2622426 A1 19761209 - BASF AG
- [Y] GB 1193212 A 19700528 - ATLANTIC RICHFIELD CO [US]
- [A] US 3365388 A 19680123 - SCOTT JR JOHN W
- [A] US 3554898 A 19710112 - WOOD FREDERICK C, et al

Cited by

AU2002226329B2; CN1293169C; US7354560B2; US7156977B2; WO0238704A3

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0354623 A1 19900214; **EP 0354623 B1 19920603**; AU 3945489 A 19900215; AU 615565 B2 19911003; DE 68901696 D1 19920709; DE 68901696 T2 19921217; ES 2032103 T3 19930101; JP H02153992 A 19900613; SG 45293 G 19930625

DOCDB simple family (application)

EP 89202059 A 19890808; AU 3945489 A 19890809; DE 68901696 T 19890808; ES 89202059 T 19890808; JP 20492289 A 19890809; SG 45293 A 19930414