

Title (en)

METHOD FOR IMPROVING A GAS OIL FRACTION CETANE INDEX

Title (de)

VERFAHREN ZUR VERBESSERUNG DER CETANZAHL EINER GASÖLFRAKTION

Title (fr)

PROCEDE D'AMELIORATION DE L'INDICE DE CETANE D'UNE COUPE GASOIL

Publication

EP 1070108 A1 20010124 (FR)

Application

EP 99913363 A 19990409

Priority

- FR 9900817 W 19990409
- FR 9804605 A 19980409

Abstract (en)

[origin: FR2777290A1] The invention concerns a method for transforming a gas oil fraction derived from a conversion process or an aromatic crude, thereby improving said fraction cetane index. Said method comprises at least a hydrogenation step wherein said gas oil fraction is passed, in the presence of hydrogen, on a catalyst comprising an amorphous mineral support, at least a group VIB metal compound, at least a group VIII non-noble metal compound and at least phosphorus or a phosphorus compound; said method comprises a subsequent hydrocracking step wherein the hydrogenated load is passed, in the presence of hydrogen, on a catalyst comprising at least a group VIB metal compound and at least a group VIII non-noble metal compound.

IPC 1-7

C10G 65/12

IPC 8 full level

C10G 35/06 (2006.01); **C10G 45/08** (2006.01); **C10G 45/50** (2006.01); **C10G 47/18** (2006.01); **C10G 65/12** (2006.01)

CPC (source: EP KR US)

C10G 65/12 (2013.01 - EP KR US); **C10G 2400/04** (2013.01 - EP US)

Citation (search report)

See references of WO 9952993A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

FR 2777290 A1 19991015; **FR 2777290 B1 20000512**; BR 9909546 A 20001212; DE 69913673 D1 20040129; DE 69913673 T2 20040617; EP 1070108 A1 20010124; EP 1070108 B1 20031217; EP 1070108 B9 20040915; ES 2213358 T3 20040816; JP 2002511516 A 20020416; KR 100601822 B1 20060719; KR 20010042560 A 20010525; US 2005029161 A1 20050210; US 6814856 B1 20041109; WO 9952993 A1 19991021

DOCDB simple family (application)

FR 9804605 A 19980409; BR 9909546 A 19990409; DE 69913673 T 19990409; EP 99913363 A 19990409; ES 99913363 T 19990409; FR 9900817 W 19990409; JP 2000543542 A 19990409; KR 20007011223 A 20001009; US 44557300 A 20000504; US 91653704 A 20040812