

Title (en)

Process for desulfurizing catalytically cracked gasoline

Title (de)

Verfahren zur Entschwefelung von Benzin von katalytischen Kracken

Title (fr)

Procédé de désulfuration d'essence craquée catalytiquement

Publication

EP 0725126 A1 19960807 (EN)

Application

EP 96101595 A 19960205

Priority

JP 3776495 A 19950203

Abstract (en)

An efficient process for desulfurizing catalytically cracked gasoline, in which a reduction in olefin content is controlled to thereby minimize a reduction in octane number. A catalytically cracked gasoline is separated into a plurality of fractions including one or both of a fraction rich in sulfur compounds that are hard to desulfurize and a fraction rich in sulfur compounds that are easy to desulfurize. One or both of the fractions are subjected to hydrodesulfurization. The resulting fractions are then mixed with the remaining fractions.

IPC 1-7

C10G 45/02; **C10G 65/16**

IPC 8 full level

B01D 3/14 (2006.01); **C10G 45/02** (2006.01); **C10G 45/04** (2006.01); **C10G 45/08** (2006.01); **C10G 65/16** (2006.01); **C10G 67/04** (2006.01); **C10G 69/04** (2006.01)

CPC (source: EP KR)

C10G 45/02 (2013.01 - EP); **C10G 65/16** (2013.01 - EP); **C10G 67/04** (2013.01 - EP); **C10G 69/00** (2013.01 - KR)

Citation (search report)

- [X] FR 2476118 A1 19810821 - INST FRANCAIS DU PETROLE [FR]
- [X] DE 1030952 B 19580529 - EXXON RESEARCH ENGINEERING CO

Cited by

KR100694775B1; US6824676B1; EP1002853A1; FR2785908A1; CN1325611C; EP1138749A1; FR2807061A1; US6830678B2; WO2019229049A1; US6334948B1; US7351327B2; EP2169032A1; US7393807B2; WO03050207A1; EP3153564A1; WO2018096064A1; WO2018096065A1; WO2018096063A1; US7291258B2; US6984312B2; WO2019229050A1; KR100626623B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0725126 A1 19960807; **EP 0725126 B1 20000809**; CA 2168720 A1 19960804; CA 2168720 C 20040622; DE 69609640 D1 20000914; DE 69609640 T2 20010412; JP 3443474 B2 20030902; JP H08209154 A 19960813; KR 100396143 B1 20031218; KR 960031578 A 19960917; SG 52231 A1 19980928; TW 318862 B 19971101

DOCDB simple family (application)

EP 96101595 A 19960205; CA 2168720 A 19960202; DE 69609640 T 19960205; JP 3776495 A 19950203; KR 19960002500 A 19960202; SG 1996000905 A 19960203; TW 84113905 A 19951223