

Title (en)

NEW DESULPHURISING PROCESS OF GASOLINES BY RENDERING SULPHUR COMPOUNDS HEAVIER

Title (de)

NEUES VERFAHREN ZUR SCHWEFELENTFERNUNG VON BENZINE DURCH BESCHWEREN DER SCHWEFEL ENTHALTENDEN KOMPONENTEN

Title (fr)

NOUVEAU PROCÉDÉ DE DÉSULFURATION DES ESSENCES PAR ALOURDISSEMENT DES COMPOSÉES SOUFRÉS

Publication

EP 1715026 B1 20231011 (FR)

Application

EP 06290373 A 20060303

Priority

FR 0503981 A 20050419

Abstract (en)

[origin: EP1715026A1] Desulfurization of a gasoline fraction (I) containing olefins, sulfur compounds and optionally 3-4 carbon fractions, comprises contacting (I) on an acidic resin and allowing the reaction of olefins and sulfur compounds to produce heavy sulfur compounds, fractionating the obtained mixture to produce a light fraction with decreased sulfur content compared to the load, and a heavy fraction containing concentrated sulfur compounds, where the resin has an acidity greater than 4.7 equivalents per kg, and a specific surface area less than 55 m²/g.

IPC 8 full level

C10G 25/05 (2006.01)

CPC (source: EP KR US)

C10G 17/095 (2013.01 - EP US); **C10G 25/05** (2013.01 - EP US); **C10G 47/02** (2013.01 - KR)

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 1715026 A1 20061025; EP 1715026 B1 20231011; BR PI0601297 A 20070515; FR 2884521 A1 20061020; FR 2884521 B1 20090821; JP 2006299263 A 20061102; JP 5270070 B2 20130821; KR 101286805 B1 20130717; KR 20060110226 A 20061024; US 2007023324 A1 20070201; US 7504022 B2 20090317

DOCDB simple family (application)

EP 06290373 A 20060303; BR PI0601297 A 20060419; FR 0503981 A 20050419; JP 2006115101 A 20060419; KR 20060035033 A 20060418; US 40567606 A 20060418