

Title (en)

METHOD FOR SEPARATING BENZOTHIOPHENE COMPOUNDS FROM A HYDROCARBON MIXTURE CONTAINING THEM, AND HYDROCARBON MIXTURE OBTAINED BY SAID METHOD

Title (de)

VERFAHREN ZUR ABTRENNUNG BENZOTHIOPHEN-VERBINDUNGEN AUS EINEM KOHLENWASSERSTOFFGEMISCH UND NACH DIESEM VERFAHREN HERGESTELLTES KOHLENWASSERSTOFFGEMISCH

Title (fr)

PROCEDE DE SEPARATION DE COMPOSES BENZOTHIOPHENIQUES D'UN MELANGE D'HYDROCARBURES LES CONTENANT, ET MELANGE D'HYDROCARBURES OBTENUPAR CE PROCEDE

Publication

EP 0991736 A1 20000412 (FR)

Application

EP 98930834 A 19980611

Priority

- FR 9801218 W 19980611
- FR 9707538 A 19970612

Abstract (en)

[origin: US6441264B1] A method for separating at least a benzothiophene compound from a hydrocarbon mixture is disclosed. The method includes contacting the mixture of a fraction obtained therefrom with a reagent including an acceptor complexing agent pi, to obtain a donor-acceptor complex between the acceptor complexing agent and the benzothiophene compound; and separating the complex from the mixture, or from the fraction, to obtain a fraction depleted or purified in the benzothiophene compound.

IPC 1-7

C10G 29/20

IPC 8 full level

C10G 29/20 (2006.01)

CPC (source: EP US)

C10G 29/20 (2013.01 - EP US)

Cited by

US6441264B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

US 6441264 B1 20020827; AT E231906 T1 20030215; CA 2293550 A1 19981217; CA 2293550 C 20091013; DE 69811075 D1 20030306; DE 69811075 T2 20040129; EP 0991736 A1 20000412; EP 0991736 B1 20030129; EP 0991736 B8 20030507; ES 2192327 T3 20031001; FR 2764610 A1 19981218; FR 2764610 B1 19990917; JP 2002511895 A 20020416; JP 4040696 B2 20080130; WO 9856875 A1 19981217

DOCDB simple family (application)

US 44536900 A 20000417; AT 98930834 T 19980611; CA 2293550 A 19980611; DE 69811075 T 19980611; EP 98930834 A 19980611; ES 98930834 T 19980611; FR 9707538 A 19970612; FR 9801218 W 19980611; JP 50179099 A 19980611