

Title (en)

REMOVAL OF SULFUR COMPOUNDS FROM HYDROCARBON STREAMS WHICH CONTAIN A MAJOR PROPORTION OF REACTIVE UNSATURATES

Title (de)

ENTFERNUNG VON SCHWEFELHALTENDEN VERBINDUNGEN AUS REAKTIVEN KOHLENWASSERSTOFFEN DIE UEBERWIEGEND UNGESAELTIGTEN VERBINDUNGEN ENTHALTEN

Title (fr)

ELIMINATION DE COMPOSES SOUFRES D' HYDROCARBURES CONTENANT EN MAJORITE DES COMPOSES INSATURES REACTIFS

Publication

EP 0701595 B1 20001227 (EN)

Application

EP 94919268 A 19940527

Priority

- US 9405994 W 19940527
- US 6894293 A 19930528

Abstract (en)

[origin: WO9428089A1] Sulfur and mercaptans in hydrocarbon streams comprising reactive unsaturates are removed by contacting the hydrocarbon stream at mild temperatures with a hydrogen reduced metal oxide, such as copper, zinc and/or aluminum oxide, without the undesirable byproduct reaction of oligomerization or polymerization of the reactive unsaturates.

IPC 1-7

C10G 25/00

IPC 8 full level

C10G 25/00 (2006.01); **C10G 29/04** (2006.01); **C10G 29/16** (2006.01)

CPC (source: EP)

C10G 25/003 (2013.01)

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9428089 A1 19941208; AU 679759 B2 19970710; AU 7046994 A 19941220; CA 2163866 A1 19941208; CA 2163866 C 20050301; DE 69426493 D1 20010201; DE 69426493 T2 20010809; EP 0701595 A1 19960320; EP 0701595 B1 20001227; ES 2154678 T3 20010416; JP 3637569 B2 20050413; JP H08511813 A 19961210; SG 49007 A1 19980518

DOCDB simple family (application)

US 9405994 W 19940527; AU 7046994 A 19940527; CA 2163866 A 19940527; DE 69426493 T 19940527; EP 94919268 A 19940527; ES 94919268 T 19940527; JP 50098295 A 19940527; SG 1996005138 A 19940527