

Title (en)

PREHEATING FEEDS TO HYDROCARBON PYROLYSIS PRODUCTS HYDROPROCESSING

Title (de)

VORWÄRMEN VON AUSGANGSSTOFFEN FÜR HYDROPROCESSING VON KOHLENWASSERSTOFFPYROLYSEPRODUKTEN

Title (fr)

PRÉCHAUFFAGE DES CHARGES D'ALIMENTATION POUR HYDROTRAITEMENT DES PRODUITS DE PYROLYSE D'HYDROCARBURES

Publication

EP 2751235 B1 20170802 (EN)

Application

EP 12798899 A 20120831

Priority

- US 201161529565 P 20110831
- US 201161529588 P 20110831
- US 201261657299 P 20120608
- US 2012053421 W 20120831

Abstract (en)

[origin: WO2013033582A1] The invention relates to processes for upgrading products obtained from hydrocarbon pyrolysis, equipment useful for such processes, and the use of upgraded pyrolysis products. A tar-containing stream recovered from the pyrolysis effluent is mixed with a utility fluid, preheated and subsequently hydroprocessed.

IPC 8 full level

C10G 49/18 (2006.01); **C10G 69/06** (2006.01)

CPC (source: EP US)

C10G 49/18 (2013.01 - EP); **C10G 69/06** (2013.01 - EP US); **C10G 2300/708** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013033582 A1 20130307; CA 2845002 A1 20130307; CA 2845002 C 20170228; CN 103764800 A 20140430; CN 103764800 B 20160427; EP 2751235 A1 20140709; EP 2751235 B1 20170802; SG 2014011100 A 20140529

DOCDB simple family (application)

US 2012053421 W 20120831; CA 2845002 A 20120831; CN 201280041823 A 20120831; EP 12798899 A 20120831; SG 2014011100 A 20120831