

Title (en)

A METHOD OF UPGRADING HEAVY HYDROCARBON STREAMS TO JET PRODUCTS

Title (de)

VERFAHREN ZUR VEREDELUNG VON SCHWEREN KOHLENWASSERSTOFFSTRÖMEN ZU DÜSENPRODUKTEN

Title (fr)

PROCÉDÉ POUR AMÉLIORER DES COURANTS D'HYDROCARBURES LOURDS VERS DES PRODUITS POUR AVION À RÉACTION

Publication

EP 2205700 A1 20100714 (EN)

Application

EP 08843943 A 20081029

Priority

- US 2008081629 W 20081029
- US 93275107 A 20071031

Abstract (en)

[origin: US2009107880A1] A process of upgrading a heavy hydrocarbon feedstock comprising contacting a heavy hydrocarbon feedstock with a catalyst in the presence of hydrogen in a reactor system, containing the catalyst as the only catalyst, wherein the catalyst, is prepared by sulfiding a catalyst precursor obtained by mixing at reaction conditions, to form a precipitate or cogel, at least a Group VIII metal compound in solution; at least a Group VIB metal compound in solution; and, at least an organic oxygen containing ligand in solution, and thereby producing a fuel product.

IPC 8 full level

C10G 45/60 (2006.01)

CPC (source: EP US)

C10G 47/02 (2013.01 - EP US); **C10G 47/04** (2013.01 - EP US); **C10G 47/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2009058897A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2009107880 A1 20090430; AU 2008318768 A1 20090507; AU 2008318768 B2 20130530; CA 2703760 A1 20090507; EP 2205700 A1 20100714; JP 2011502205 A 20110120; WO 2009058887 A1 20090507; WO 2009058897 A1 20090507

DOCDB simple family (application)

US 93275107 A 20071031; AU 2008318768 A 20081029; CA 2703760 A 20081029; EP 08843943 A 20081029; JP 2010532214 A 20081029; US 2008081613 W 20081029; US 2008081629 W 20081029