

Title (en)

COMPOSITION OF SUPPORTED MOLYBDENUM CATALYST AND PROCESS FOR USE IN SLURRY HYDROCRACKING

Title (de)

ZUSAMMENSETZUNG AUS EINEM GETRÄGERTEN MOLYBDÄN-KATALYSATOR UND VERFAHREN ZUR VERWENDUNG IN EINEM SCHLAMM-HYDROCRACKING

Title (fr)

COMPOSITION DE CATALYSEUR AU MOLYBDÈNE SUR SUPPORT ET PROCÉDÉ POUR UNE UTILISATION DANS L'HYDROCRAQUAGE EN SUSPENSION CONCENTRÉE

Publication

EP 2579982 A4 20150415 (EN)

Application

EP 11792908 A 20110601

Priority

- US 81306010 A 20100610
- US 81304310 A 20100610
- US 81302010 A 20100610
- US 2011038662 W 20110601

Abstract (en)

[origin: WO2011156180A2] A composition and process is disclosed for converting heavy hydrocarbon feed into lighter hydrocarbon products. The heavy hydrocarbon feed is slurried with a catalyst composition comprising molybdenum supported on a base, such as boehmite or pseudo-boehmite alumina. Iron oxide may also be in the base. The base is preferably bauxite. The heavy hydrocarbon slurry is hydrocracked in the presence of the catalyst to produce lighter hydrocarbons.

IPC 8 full level

B01J 23/28 (2006.01); **B01J 23/881** (2006.01); **C07C 4/06** (2006.01); **C10G 47/12** (2006.01)

CPC (source: EP)

B01J 21/04 (2013.01); **B01J 23/28** (2013.01); **B01J 23/881** (2013.01); **B01J 37/0201** (2013.01); **B01J 37/20** (2013.01); **C10G 47/12** (2013.01); **C10G 47/26** (2013.01)

Citation (search report)

- [X] US 2908633 A 19591013 - REIF HENRY E, et al
- [X] US 2004020829 A1 20040205 - MAGNA LIONEL [FR], et al
- [A] WO 2010002514 A2 20100107 - UOP LLC [US], et al
- See references of WO 2011156180A2

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 2011156180 A2 20111215; **WO 2011156180 A3 20120412**; EP 2579982 A2 20130417; EP 2579982 A4 20150415

DOCDB simple family (application)

US 2011038662 W 20110601; EP 11792908 A 20110601