

Title (en)  
METHOD FOR THE HYDROPROCESSING AND HYDROISOMERISATION OF OILS ORIGINATING FROM RENEWABLE SOURCES, USING A MODIFIED ZEOLITE

Title (de)  
VERFAHREN ZUR HYDROVERARBEITUNG UND HYDROISOMERISIERUNG VON ÖLEN AUS ERNEUERBAREN QUELLEN MITHILFE EINES MODIFIZIERTEN ZEOLITHS

Title (fr)  
PROCEDE D'HYDROTRAITEMENT ET D'HYDROISOMERISATION DES HUILES ISSUES DE SOURCE RENOUVELABLE METTANT EN OEUVRE UNE ZEOLITHE MODIFIEE

Publication  
**EP 2488606 A1 20120822 (FR)**

Application  
**EP 10781926 A 20101006**

Priority  
• FR 0904910 A 20091013  
• FR 2010000666 W 20101006

Abstract (en)  
[origin: US2011087059A1] This invention describes a process for treatment of feedstocks obtained from a renewable source implementing a catalyst that comprises at least one hydro-dehydrogenating metal that is selected from the group that is formed by the metals of group VIB and group VIII of the periodic table and a substrate that comprises at least one zeolite that has at least one series of channels whose opening is defined by a ring with 8 oxygen atoms modified by a) at least one stage for introducing at least one alkaline cation that belongs to group IA or IIA of the periodic table, b) a stage for treating said zeolite in the presence of at least one molecular compound that contains at least one silicon atom, c) at least one stage of partial exchange of said alkaline cations by NH<sub>4</sub><sup>+</sup> cations, and d) at least one heat treatment stage.

IPC 8 full level  
**C10G 3/00** (2006.01); **C10G 45/02** (2006.01); **C10G 45/08** (2006.01); **C10G 45/64** (2006.01); **C10G 65/04** (2006.01)

CPC (source: EP US)  
**B01J 29/084** (2013.01 - EP US); **B01J 29/166** (2013.01 - EP US); **C10G 3/46** (2013.01 - EP US); **C10G 3/47** (2013.01 - EP US); **C10G 3/50** (2013.01 - EP US); **C10G 3/54** (2013.01 - EP US); **C10G 45/64** (2013.01 - EP US); **B01J 23/883** (2013.01 - EP US); **B01J 29/72** (2013.01 - EP US); **B01J 29/7261** (2013.01 - EP US); **B01J 29/78** (2013.01 - EP US); **B01J 29/7861** (2013.01 - EP US); **B01J 37/20** (2013.01 - EP US); **B01J 2229/16** (2013.01 - EP US); **B01J 2229/20** (2013.01 - EP US); **B01J 2229/32** (2013.01 - EP US); **B01J 2229/42** (2013.01 - EP US); **C10G 2300/1014** (2013.01 - EP US); **C10G 2300/1018** (2013.01 - EP US); **C10G 2300/4006** (2013.01 - EP US); **C10G 2300/4012** (2013.01 - EP US); **C10G 2300/4018** (2013.01 - EP US); **C10G 2400/06** (2013.01 - EP US); **C10G 2400/08** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US)

Citation (search report)  
See references of WO 2011045482A1

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)  
**US 2011087059 A1 20110414**; EP 2488606 A1 20120822; FR 2951190 A1 20110415; FR 2951190 B1 20120817; WO 2011045482 A1 20110421

DOCDB simple family (application)  
**US 90369010 A 20101013**; EP 10781926 A 20101006; FR 0904910 A 20091013; FR 2010000666 W 20101006