

Title (en)
TWO STEP HYDROPROCESSING OF A LOAD FROM A RENEWABLE SOURCE USING A FIRST METAL CATALYST AND A SECOND SULPHURED CATALYST

Title (de)
ZWEISTUFIGE HYDRIERUNG EINER LAST AUS EINER ERNEUERBAREN QUELLE MITHILFE EINES METALLKATALYSATORS UND EINES SCHWEFELKATALYSATORS

Title (fr)
HYDROTRAITEMENT EN DEUX ETAPES D'UNE CHARGE ISSUE D'UNE SOURCE RENOUVELABLE METTANT EN OEUVRE UN PREMIER CATALYSEUR METALLIQUE ET UN DEUXIEME CATALYSEUR SULFURE

Publication
EP 2167614 A2 20100331 (FR)

Application
EP 08805642 A 20080603

Priority
• FR 2008000754 W 20080603
• FR 0704226 A 20070612

Abstract (en)
[origin: WO2009004180A2] The invention relates to a two-step hydroprocessing method for a load from a renewable source that comprises: a) a first so-called soft pre-hydrogenation step carried out in the presence of a first metal catalyst containing at least one hydro-dehydrogenation active phase including at least one metal of the group VIII and/or at least one metal of the group VIB and an amorphous mineral substrate; and b) a second so-called processing step carried out in the presence of a second sulphured catalyst containing at least one hydro-dehydrogenation active phase including at least one non-noble metal of the group VIII and/or at least one metal of the group VIB and an amorphous mineral substrate.

IPC 8 full level
C10G 3/00 (2006.01); **B01J 21/04** (2006.01); **B01J 23/755** (2006.01); **B01J 23/883** (2006.01); **B01J 27/049** (2006.01); **C07C 1/207** (2006.01); **C11C 3/12** (2006.01)

CPC (source: CN EP US)
C07C 1/2078 (2013.01 - CN EP US); **C10G 3/42** (2013.01 - US); **C10G 3/46** (2013.01 - CN EP US); **C10G 3/47** (2013.01 - CN EP US); **C10G 3/48** (2013.01 - CN EP US); **C10G 3/50** (2013.01 - CN EP US); **C10G 51/02** (2013.01 - US); **C11C 3/123** (2013.01 - CN EP US); **C10G 45/08** (2013.01 - US); **C10G 2300/1014** (2013.01 - CN EP US); **C10G 2300/1018** (2013.01 - CN EP US); **C10G 2300/4018** (2013.01 - CN EP US); **Y02P 30/20** (2015.11 - EP US)

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)
FR 2917423 A1 20081219; FR 2917423 B1 20121130; BR PI0813931 A2 20150825; CA 2689990 A1 20090108; CN 101679875 A 20100324; CN 104726126 A 20150624; EP 2167614 A2 20100331; JP 2010529981 A 20100902; JP 5337797 B2 20131106; KR 101509272 B1 20150406; KR 20100040719 A 20100420; MY 157822 A 20160729; US 2010292518 A1 20101118; US 8674151 B2 20140318; WO 2009004180 A2 20090108; WO 2009004180 A3 20090226

DOCDB simple family (application)
FR 0704226 A 20070612; BR PI0813931 A 20080603; CA 2689990 A 20080603; CN 200880019801 A 20080603; CN 201410810495 A 20080603; EP 08805642 A 20080603; FR 2008000754 W 20080603; JP 2010511676 A 20080603; KR 20107000608 A 20080603; MY PI20095265 A 20080603; US 66413608 A 20080603