

Title (en)

PROCESS FOR PREPARING A HYDROPROCESSING CATALYST BY IMPREGNATION OF A PHOSPHORUS COMPOUND

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES HYDRIERUNGSKATALYSATORS DURCH IMPRÄGNIERUNG EINER PHOSPHORVERBINDUNG

Title (fr)

PROCEDE DE PREPARATION DE CATALYSEUR D'HYDROTRAITEMENT PAR IMPREGNATION D'UN COMPOSE PHOSPHORE

Publication

EP 2162211 A2 20100317 (FR)

Application

EP 08805644 A 20080603

Priority

- FR 2008000756 W 20080603
- FR 0704553 A 20070625

Abstract (en)

[origin: WO2009007522A2] The invention relates to a process for preparing a hydroprocessing catalyst comprising the following steps: a) at least one step of impregnating a calcined and/or dried catalytic precursor containing at least one element of group VIII and/or at least one element of group VIB and an amorphous support, with an impregnating solution constituted of at least one phosphorus compound in solution in at least one polar solvent having a dielectric constant of greater than 20, b) a step of maturing said impregnated catalytic precursor derived from step a), and c) a step of drying, without a subsequent calcination step, said catalytic precursor derived from step b).

IPC 8 full level

B01J 27/185 (2006.01); **B01J 27/188** (2006.01); **B01J 27/28** (2006.01); **C10G 45/08** (2006.01)

CPC (source: EP US)

B01J 23/882 (2013.01 - EP US); **B01J 23/883** (2013.01 - EP US); **B01J 27/1853** (2013.01 - EP US); **B01J 27/188** (2013.01 - EP US); **B01J 27/19** (2013.01 - EP US); **B01J 31/0258** (2013.01 - EP US); **B01J 37/0203** (2013.01 - EP US); **B01J 37/0205** (2013.01 - EP US); **B01J 37/28** (2013.01 - EP US); **C10G 49/04** (2013.01 - EP US); **B01J 21/04** (2013.01 - EP US); **B01J 37/20** (2013.01 - EP US); **C10G 2300/1081** (2013.01 - EP US); **C10G 2300/1088** (2013.01 - EP US); **C10G 2300/1096** (2013.01 - EP US); **C10G 2300/44** (2013.01 - EP US)

Citation (search report)

See references of WO 2009007522A2

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 2917647 A1 20081226; **FR 2917647 B1 20110506**; CN 101687183 A 20100331; CN 101687183 B 20121114; EP 2162211 A2 20100317; JP 2010531224 A 20100924; JP 5362712 B2 20131211; KR 20100041782 A 20100422; RU 2010102058 A 20110727; RU 2451551 C2 20120527; US 2010243530 A1 20100930; WO 2009007522 A2 20090115; WO 2009007522 A3 20090326

DOCDB simple family (application)

FR 0704553 A 20070625; CN 200880021757 A 20080603; EP 08805644 A 20080603; FR 2008000756 W 20080603; JP 2010514029 A 20080603; KR 20107001718 A 20080603; RU 2010102058 A 20080603; US 66669408 A 20080603