

Title (en)
HYDRODESULFURIZATION METHOD USING A CATALYST COMPRISING A FLASH ALUMINA SUPPORT

Title (de)
HYDROENTSCWEFELUNGSVERFAHREN UNTER VERWENDUNG EINES KATALYSATORS MIT EINEM FLASH-ALUMINIUMOXIDTRÄGER

Title (fr)
PROCEDE D'HYDRODESULFURATION METTANT EN OEUVRE UN CATALYSEUR COMPRENANT UN SUPPORT D'ALUMINE FLASH

Publication
EP 4251714 A1 20231004 (FR)

Application
EP 21807138 A 20211118

Priority

- FR 2012315 A 20201127
- EP 2021082065 W 20211118

Abstract (en)
[origin: WO2022112077A1] The invention relates to a method for hydrodesulfurization of a sulfur-containing olefinic gasoline cut wherein said gasoline cut, hydrogen and a catalyst comprising an alumina support obtained by dehydration of an aluminum hydroxide or oxyhydroxide at a temperature of between 400°C and 1200°C and for a time of between 0.1 seconds and 5 seconds, at least one metal from group VIB, at least one metal from group VIII, and phosphorus are brought into contact, the molar ratio between the phosphorus and the metal from group VIB being between 0.2 and 0.35.

IPC 8 full level
C10G 45/08 (2006.01); **B01J 23/84** (2006.01); **B01J 23/882** (2006.01); **B01J 23/883** (2006.01); **B01J 35/10** (2006.01); **B01J 37/03** (2006.01)

CPC (source: EP KR US)
B01J 21/04 (2013.01 - EP KR); **B01J 23/882** (2013.01 - EP KR); **B01J 27/19** (2013.01 - EP KR); **B01J 35/615** (2024.01 - EP KR); **B01J 35/633** (2024.01 - EP KR); **B01J 35/647** (2024.01 - EP KR); **B01J 37/0009** (2013.01 - EP KR); **B01J 37/0201** (2013.01 - EP KR); **B01J 37/031** (2013.01 - EP KR); **B01J 37/084** (2013.01 - EP KR); **B01J 37/20** (2013.01 - EP KR); **C10G 45/08** (2013.01 - EP KR US); **C10G 2300/1037** (2013.01 - US); **C10G 2300/202** (2013.01 - US); **C10G 2300/4006** (2013.01 - US); **C10G 2300/4012** (2013.01 - US); **C10G 2300/4018** (2013.01 - US); **C10G 2300/70** (2013.01 - US); **C10G 2400/02** (2013.01 - US)

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022112077 A1 20220602; AU 2021386550 A1 20230622; CN 116547069 A 20230804; EP 4251714 A1 20231004; FR 3116826 A1 20220603; FR 3116826 B1 20231103; JP 2023550817 A 20231205; KR 20230112117 A 20230726; MX 2023005257 A 20230523; US 2024010933 A1 20240111

DOCDB simple family (application)
EP 2021082065 W 20211118; AU 2021386550 A 20211118; CN 202180079687 A 20211118; EP 21807138 A 20211118; FR 2012315 A 20201127; JP 2023532267 A 20211118; KR 20237017345 A 20211118; MX 2023005257 A 20211118; US 202118037443 A 20211118