

Title (en)

METHOD FOR FIXED-BED REFORMING USING A CATALYST HAVING A PARTICULAR FORM

Title (de)

VERFAHREN ZUR FESTBETTREFORMIERUNG UNTER VERWENDUNG EINES KATALYSATORS MIT EINER BESTIMMTEN FORM

Title (fr)

PROCEDE DE REFORMAGE EN LIT FIXE UTILISANT UN CATALYSEUR DE FORME PARTICULIERE

Publication

**EP 3877084 A1 20210915 (FR)**

Application

**EP 19787286 A 20191021**

Priority

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- EP 2019078574 W 20191021

Abstract (en)

[origin: WO2020094378A1] Method for fixed-bed reforming of a hydrocarbon feedstock comprising n-paraffin, naphthenic and aromatic hydrocarbons, at a temperature of between 400 and 700°C, a pressure of between 0.1 and 4 MPa, and a mass flow of feedstock processed per unit mass of catalyst and per hour of between 0.1 and 10 h<sup>-1</sup>, by bringing said feedstock into contact with a catalyst comprising platinum, a promoter metal selected from the group consisting of rhenium and iridium, a halogen selected from the group consisting of fluorine, chlorine, bromine and iodine, and a porous aluminium support in the form of an extrusion characterised by a length 'l' of between 1 and 10 mm, a section comprising four lobes, wherein the largest diameter 'D' of the cross-section of said extrusion is between 1 and 3 mm.

IPC 8 full level

**B01J 35/00** (2006.01); **C10G 35/085** (2006.01)

CPC (source: EP KR US)

**B01J 6/001** (2013.01 - US); **B01J 8/02** (2013.01 - US); **B01J 21/04** (2013.01 - EP KR US); **B01J 23/42** (2013.01 - EP KR US); **B01J 27/13** (2013.01 - EP KR); **B01J 35/40** (2024.01 - US); **B01J 35/615** (2024.01 - EP KR US); **B01J 35/633** (2024.01 - EP KR US); **B01J 35/635** (2024.01 - EP KR US); **B01J 35/647** (2024.01 - EP KR US); **B01J 37/0201** (2013.01 - EP KR US); **B01J 37/088** (2013.01 - EP KR); **B01J 37/18** (2013.01 - US); **B01J 37/24** (2013.01 - EP KR); **C10G 35/085** (2013.01 - EP KR US); **Y02P 20/52** (2015.11 - EP)

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