

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⁻¹, 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)

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