

Title (en)
USE OF A CATALYST BASED ON IZM-2 WITH A LOW CONTENT OF ALKALI METAL FOR THE ISOMERIZATION OF PARAFFINIC
FEEDSTOCKS TO MIDDLE DISTILLATES

Title (de)
VERWENDUNG EINES KATALYSATORS AUF DER BASIS VON IZM-2 MIT NIEDRIGEM GEHALT AN ALKALIMETALL ZUR ISOMERISIERUNG
VON PARAFFINISCHEN AUSGANGSSTOFFEN ZU MITTELDESTILLATEN

Title (fr)
UTILISATION D'UN CATALYSEUR A BASE D'IZM-2 AYANT UNE FAIBLE TENEUR EN ALCALIN POUR L'ISOMERISATION DE CHARGES
PARAFFINIQUES EN DISTILLATS MOYENS

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Application
EP 20819768 A 20201209

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Abstract (en)
[origin: WO2021122198A1] The present invention relates to a process for the isomerization of paraffinic feedstocks operating at a temperature of between 200°C and 500°C, at a total pressure of between 0.45 MPa and 7 MPa, at a hydrogen partial pressure of between 0.3 and 5.5 MPa, at an hourly space velocity of between 0.1 and 10 kilograms of feedstock introduced per kilogram of catalyst and per hour and using a catalyst comprising at least one metal from group VIII of the Periodic Table of the Elements, at least one matrix and at least one IZM-2 zeolite, said catalyst being characterized in that the total weight content of alkali metal and/or alkaline-earth metal elements is less than 200 ppm by weight relative to the total mass of said catalyst, preferably less than 150 ppm, preferably less than 100 ppm, preferably less than 90 ppm by weight, preferably less than 85 ppm by weight, more preferably less than 80 ppm by weight, very preferably less than 75 ppm by weight and more preferably still less than 70 ppm by weight and greater than 20 ppm by weight and preferably greater than 30 ppm by weight.

IPC 8 full level
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