Title (en)

IZM-2 ZEOLITE CATALYST HAVING A LOW ALKALI CONTENT, AND USE THEREOF FOR THE ISOMERIZATION OF THE AROMATIC C8 FRACTION

Title (de)

IZM-2 ZEOLITH-KATALYSATOR, DER EINEN NIEDRIGEN ALKALIGEHALT AUFWEIST, UND VERWENDUNG DAVON ZUR ISOMERISIERUNG DER AROMATISCHEN C8-FRAKTION

Title (fr)

CATALYSEUR A BASE DE ZEOLITHE IZM-2 AYANT UNE TENEUR EN ALCALIN FAIBLE ET SON UTILISATION POUR L'ISOMERISATION DE LA COUPE C8 AROMATIQUE

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Application

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Abstract (en)

[origin: WO2021122199A1] The invention relates to a catalyst comprising at least one IZM-2 zeolite, at least one matrix and at least one metal from group VIII of the periodic table, said catalyst being characterized in that the total weight content of alkali and/or alkaline earth elements in said catalyst is less than 200 ppm by weight relative to the total weight 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, more preferably less than 75 ppm by weight, and even more preferably less than 70 ppm by weight and more than 20 ppm by weight and preferably more than 30 ppm by weight. The invention also relates to a method for isomerizing a fraction containing at least one aromatic compound having eight carbon atoms per molecule, said method involving bringing said aromatic fraction in contact with at least said catalyst according to the invention in a catalytic reactor. The invention relates to a catalyst comprising a zeolite called IZM-2 and a specific alkali or alkaline earth metal content. The invention also relates to a method for isomerizing an aromatic C8 fraction using said isomerization catalyst.

IPC 8 full level

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1. **C07C 5/2708** + **C07C 15/08**
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Citation (search report)

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