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(54) Title: ZEOLITE CATALYST AND ITS USE IN HYDROCARBON CONVERSION

(57) Abstract

There is provided a zeolite bound zeolite catalyst which can be tailored to optimize its performance and a process for converting hydrocarbons utilizing the zeolite bound zeolite catalyst. The zeolite bound zeolite catalyst comprises a first zeolite and a binder comprising a second zeolite. The structure type of the second zeolite is different from the structure type of the first zeolite. The zeolite bound zeolite catalyst finds particular application in hydrocarbon conversion process, e.g., catalytic cracking, alkylation, disproportionation of toluene, isomerization, and transalkylation reactions.