

Title (en)
ZEOLITE BOUND CATALYST CONTAINING AT LEAST THREE DIFFERENT ZEOLITES; USE FOR HYDROCARBON CONVERSION

Title (de)
DURCH ZEOLITH GEBUNDENER KATALYSATOR ENTHALTEND MINDESTENS DREI VERSCHIEDENE ZEOLITHEN; VERWENDUNG BEI DER UMWANDLUNG VON KOHLENWASSERSTOFFEN

Title (fr)
CATALYSEUR A LIANTS DE ZEOLITE COMPORTANT AU MOINS TROIS DIFFERENTS TYPES DE ZEOLITES, ET SERVANT A LA CONVERSION D'HYDROCARBURES

Publication
EP 1206317 A1 20020522 (EN)

Application
EP 00930411 A 20000505

Priority
• US 0012341 W 20000505
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Abstract (en)
[origin: WO0066263A1] There is provided a zeolite bound zeolite catalyst which does not contain significant amount of non-zeolitic binder and 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 core crystals containing first crystals of a first zeolite and optionally second crystals of a second zeolite having a composition, structure type, or both that is different from said first zeolite and binder crystals containing third crystals of a third zeolite and optionally fourth crystals of a fourth zeolite having a composition, structure type, or both that is different from said third zeolite. If the core crystals do not contain the second crystals of the second zeolite, then the binder crystals must contain the fourth crystals of the fourth zeolite. The zeolite bound zeolite finds application in hydrocarbon conversion processes, e.g., catalytic cracking, alkylation, disproportionation of toluene, isomerization, and transalkylation reactions.

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B01J 29/06

IPC 8 full level
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Citation (search report)
See references of WO 0066263A1

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