

Title (en)

UZH-35 ZEOLITIC COMPOSITION, METHOD OF PREPARATION AND PROCESSES

Title (de)

ZEOLITHISCHE UZH-35-ZUSAMMENSETZUNG, HERSTELLUNGSVERFAHREN UND PROZESSE

Title (fr)

COMPOSITION ZÉOLITHIQUE UZH-35, SON PROCÉDÉ D'ÉLABORATION ET PROCÉDÉS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011162741A1] A new family of crystalline aluminosilicate zeolitic compositions, UZH-35 compositions, has been synthesized. These zeolitic compositions are represented by the empirical formula. $M_n + mR + rAl(1-x)E_xSi_yO_z$ where M represents a combination of potassium and sodium exchangeable cations, R is a singly charged organoammonium cation such as the dimethyldipropylammonium cation and E is a framework element such as gallium. These compositions comprise a MSE zeolite, a MFI zeolite and an ERI zeolite. The compositions are similar to MCM-68 but are characterized by unique x-ray diffraction patterns and have catalytic properties for carrying out various hydrocarbon conversion processes.

IPC 8 full level

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