

Title (en)
UZM-35 ZEOLITIC COMPOSITION, METHOD OF PREPARATION AND PROCESSES

Title (de)
ZEOLITHISCHE UZM-35-ZUSAMMENSETZUNG, HERSTELLUNGSVERFAHREN UND PROZESSE

Title (fr)
COMPOSITION ZÉOLITHIQUE UZM-35, SON PROCÉDÉ D'ÉLABORATION ET PROCÉDÉS

Publication
EP 2582626 A1 20130424 (EN)

Application
EP 10853784 A 20100621

Priority
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Abstract (en)
[origin: WO2011162741A1] A new family of crystalline aluminosilicate zeolitic compositions, UZM-35 compositions, has been synthesized. These zeolitic compositions are represented by the empirical formula. $M_n + m R + r Al(1-x) E_x Si_y O_z$ 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.

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