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(71) Applicant: UOP LLC [US/US]; 25 East Algonquin Road,
P.O. Box 5017, Des Plaines, Illinois 60017-5017 (US).

(72) Inventors: NICHOLAS, Christopher P.; UOP LLC, 25
East Algonquin Road, P.O. Box 5017, Des Plaines, Illinois
60017-5017 (US). BOLDINGH, Edwin P.; UOP LLC, 25
East Algonquin Road, P.O. Box 5017, Des Plaines, Illinois
60017-5017 (US). SCHREIER, Marc R.; UOP LLC, 25
East Algonquin Road, P.O. Box 5017, Des Plaines, Illinois
60017-5017 (US).

(74) Agent: MAAS, Maryann; UOP LLC, 25 East Algonquin
Road, P.O. Box 5017, Des Plaines, Illinois 60017-5017
(US).

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(54) Title: AROMATIC TRANSALKYLATION USING UZM-44 ALUMINOSILICATE ZEOLITE

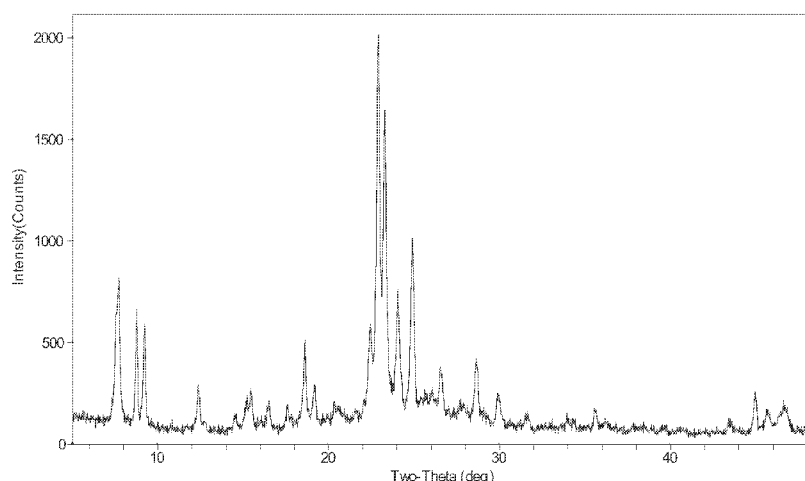


FIG. 1

(57) Abstract: A new family of aluminosilicate zeolites designated UZM-44 has been synthesized. These zeolites are represented by the empirical formula, $\text{Na}_m\text{M}_m^{\text{ke}}\text{T}_t\text{Al}_{1-x}\text{E}_x\text{Si}_y\text{O}_z$ where M represents a metal or metals from zinc, Group 1, Group 2, Group 3 and or the lanthanide series of the periodic table, "m" is the mole ratio of M to (Al + E), T is the organic structure directing agent or agents, and E is a framework element such as gallium. UZM-44 may be used to catalyze a process for the transalkylation of a feedstream comprising one or more of C₇, C₉, C₁₀ and C₁₁+ aromatics to obtain a transalkylation product stream having an increased concentration of C₈ aromatics relative to that of the feedstream.



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