

PROCESS FOR AROMATIC ALKYLATION THAT USES PROPERTIES OF DELAMINATED ZEOLITES

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PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,790,143	10/17/2017	2014-072

BRIEF DESCRIPTION

This invention relates to a process of aromatic alkylation. More specifically, provided is a process of aromatic alkylation catalyzed by delaminated zeolites exhibiting improved reaction rates.

SUGGESTED USES

This is a method of alkylating an aromatic compound comprising an alkylation agent in the presence of UCB-3 as a catalyst under reaction conditions suitable for aromatic alkylation. For example, the aromatic 2 compound comprises toluene and the alkylating agent comprises an olefin such as propylene.

ADVANTAGES

The temperature range for the reaction is in the range of from 100 to 300°C.

RELATED MATERIALS

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

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- ▶ [Robust And Selective Solid Catalyst For Tail End Of Olefin-Epoxidation Flow Reactor](#)

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OTHER INFORMATION

KEYWORDS

Alkylating

CATEGORIZED AS

» [Materials & Chemicals](#)

» [Chemicals](#)

RELATED CASES

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