

Title (en)

ISOPARAFFIN/OLEFIN ALKYLATION PROCESS USING RARE-EARTH EXCHANGED FAUJASITE CATALYSTS

Title (de)

VERFAHREN ZUR ALKYLIERUNG VON ISOPARAFFINEN UND OLEFINEN UNTER VERWENDUNG EINES DURCH SELTENE ERDEN AUSGETAUSCHTEN FAUJASIT-KATALYSATORS

Title (fr)

PROCEDE D'ALKYLATION D'ISOPARAFFINE ET D'OLEFINE UTILISANT DES CATALYSEURS FAUJASITE A ECHANGE DE TERRES RARES

Publication

**EP 0863860 A1 19980916 (EN)**

Application

**EP 96930549 A 19960813**

Priority

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Abstract (en)

[origin: WO9720787A1] An isoparaffin olefin alkylation process conducted in the presence of RE USY or RE USX is disclosed. Catalysts useful have a particle size range from 50 to 150 microns and an attrition index of less than 10 and preferably less than 5. The alkylate product is useful, inter alia, as an octane enhancer for gasoline.

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