

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

- US 9613468 W 19960813
- US 56164295 A 19951122

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.

IPC 1-7

C07C 2/56; **C07C 2/58**

IPC 8 full level

C07C 2/58 (2006.01)

CPC (source: EP)

C07C 2/58 (2013.01); **C07C 2529/08** (2013.01)

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9720787 A1 19970612; AU 6954996 A 19970627; AU 708623 B2 19990805; CA 2231445 A1 19970612; EP 0863860 A1 19980916; EP 0863860 A4 19990901

DOCDB simple family (application)

US 9613468 W 19960813; AU 6954996 A 19960813; CA 2231445 A 19960813; EP 96930549 A 19960813