

Title (en)

A process for isomerizing xylenes.

Title (de)

Verfahren zur Isomerisierung von Xylenen.

Title (fr)

Procédé d'isomérisation de xylènes.

Publication

EP 0000812 A1 19790221 (EN)

Application

EP 78300170 A 19780720

Priority

US 81817177 A 19770722

Abstract (en)

Isomerization of xylenes in admixture with ethyl benzene by contact with a zeolite catalyst such as ZSM-5 is improved by use of zeolite having a silica/alumina ratio of at least 500 at a temperature above about 427 DEG C. At these conditions, conversion of ethyl benzene follows a different reaction path which permits high conversion of ethyl benzene to benzene without loss of xylenes by disproportionation.

IPC 1-7

C07C 15/08; **B01J 29/28**; **C07C 5/24**; **C07C 5/30**

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

C07C 5/2737 + **C07C 15/08**

Citation (search report)

[D] GB 1444481 A 19760728 - MOBIL OIL CORP

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