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(54) Title: PROCESS AND CATALYST FOR C8 ALKYLAROMATIC ISOMERIZATION

(57) Abstract: A process for isomerizing ethylbenzene into xylenes such as para-xylene using a zeolitic catalyst system based on MTW-type zeolite is disclosed. Preferably the two metals are platinum and tin. The invention obtains a stable and improved yield of xylenes such as para-xylene without excess benzene production by dealkylation. The zeolitic silica-to-alumina ratio ranges from 20 to 45. Use of MTW substantially free of mordenite improves yields and integrated aromatics complex economics by reducing undesirable aromatic ring-loss reactions.



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