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(54) Title: PROCESS AND CATALYST FOR THE TRANSALKYLATION OF AROMATICS

(57) Abstract: Disclosed herein is a process and catalyst for producing a monoalkylated aromatic compound from a polyalkylated aromatic compound, comprising the step of contacting an alkylatable aromatic compound with a polyalkylated aromatic compound under at least partial liquid phase conditions in the presence of a zeolite beta catalyst having a phosphorus content in the range of 0.001 wt.% to 10.0 wt.% of said catalyst, to provide a product which comprises a monoalkylated aromatic compound.

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