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(54) Title: IMPROVED PROCESS FOR SYNTHESIZING ALKYLATED ARYLAMINES

(57) Abstract: An improved process and novel catalyst system for alkylating arylamines generally comprising the combination of an arylamine and an alkylating agent in the presence of a trialkyl aluminum compound and a hydrogen halide. The improved process and new catalyst system allows for higher total conversion of the arylamine feedstock without sacrificing substitution product selectivity and also allows for the reaction of recycled alkylene feedstock.

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