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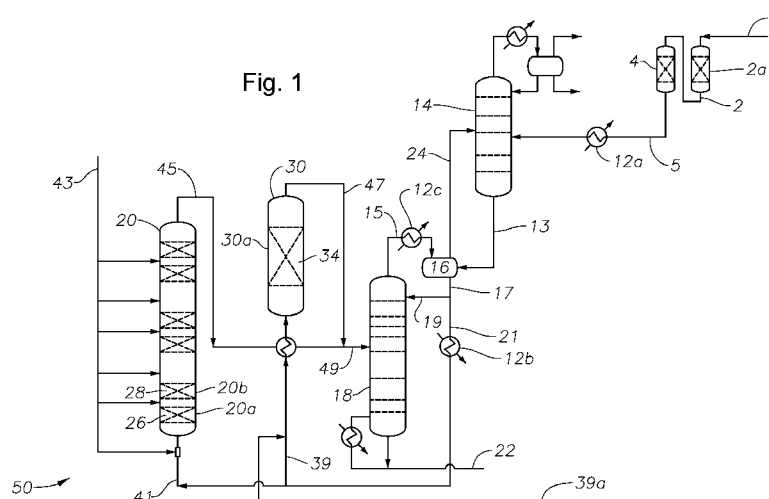
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(54) Title: ALKYLATED AROMATICS PRODUCTION



(57) Abstract: Disclosed is a process for the production of alkylated aromatics by contacting a feed stream comprising an alkylatable aromatic, an alkylating agent and trace amounts of water and impurities in the presence of first and second alkylation catalysts wherein the water and impurities are removed in order to improve the cycle length of such alkylation catalysts. Water and a portion of impurities are removed in a dehydration zone. A first alkylation zone having a first alkylation catalyst which, in some embodiments is a large pore molecular sieve, acts to remove a larger portion of impurities, such as nitrogenous and other species, and to alkylate a smaller portion of the alkylatable aromatic compound. A second alkylation zone, which in some embodiments is a medium pore molecular sieve, acts to remove a smaller portion of impurities, and to alkylate a larger portion of the alkylatable aromatic compound.