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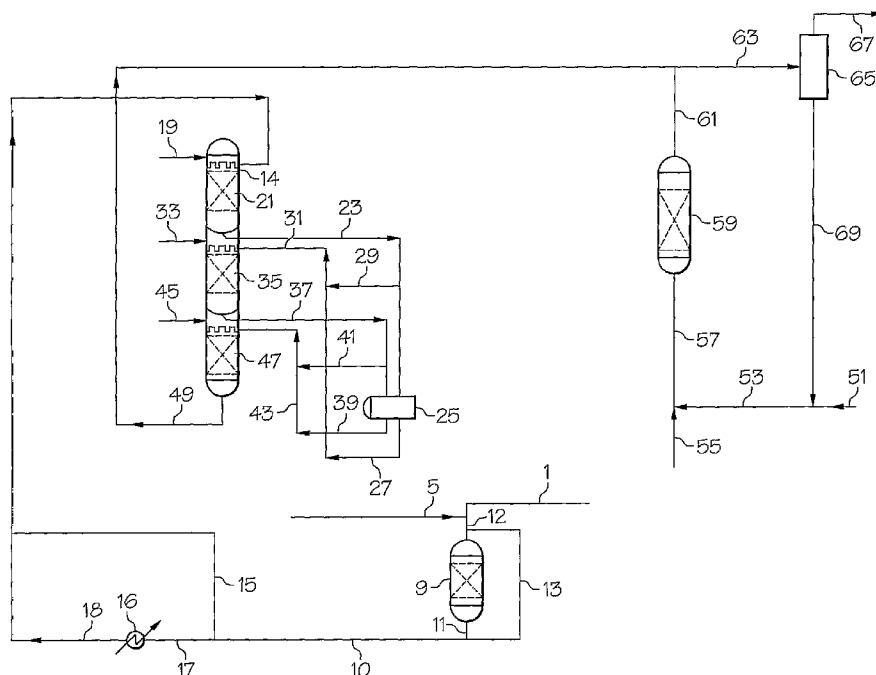
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(54) Title: MULTIPHASE ALKYLAROMATICS PRODUCTION



(57) Abstract: A process for producing a monoalkylated aromatic product in a reactor by reacting a mixed phase mixture of an alkylatable aromatic compound feedstock with another feedstock comprising alkene component in a reaction zone containing an alkylation catalyst. An effluent comprising the monoalkylated aromatic product and polyalkylated aromatic compounds exits from the reaction zone in liquid phase. The polyalkylated aromatic compounds can be separated as feed stream for transalkylation reaction in a transalkylation reaction zone.

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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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