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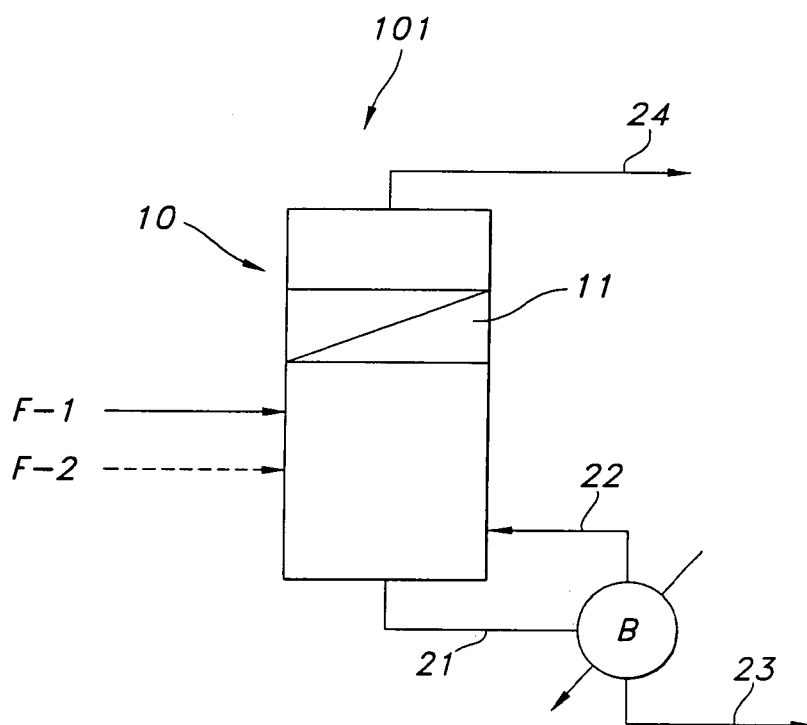
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(54) Title: NON-REFLUXING REACTOR STRIPPER



(57) Abstract: A process for catalytically treating a feed stream containing at least one organic compound is provided, which includes providing a distillative reaction system having a reaction section positioned at a top portion of the distillative reaction system and a reboiler and/or gas stripping section for vaporizing at least a portion of a bottom stream and returning the vaporized portion of the bottom stream to a bottom portion of the distillative reaction system, introducing an organic feed stream into the distillative reaction system below the uppermost reaction section, optionally introducing a gaseous reactant feed stream into the distillative reaction system below the uppermost reaction section, and removing an overhead product stream from a portion of the distillative reaction system above the uppermost reaction section without substantial reflux or recycling of the overhead product stream or feeding any other liquid stream that might recycle the desired products or any other compounds that are undesired

to be refluxed, into the uppermost reaction section.