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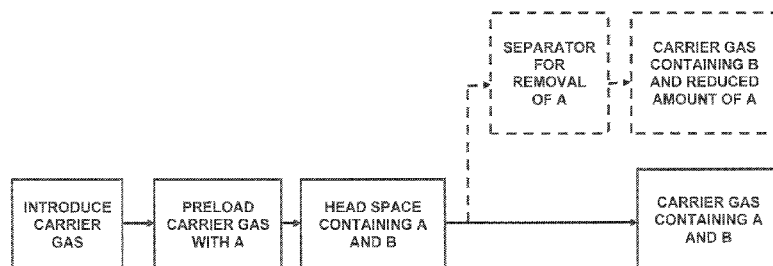
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(54) Title: METHOD OF DELIVERING A PROCESS GAS FROM A MULTI-COMPONENT SOLUTION

Figure 1



(57) **Abstract:** A method and chemical delivery system are provided. The method includes providing a vapor phase of a multi-component liquid source. The method further includes contacting a pre-loaded carrier gas with the vapor phase, wherein the pre-loaded carrier gas includes a carrier gas and at least one component of the multi-component liquid source and delivering a gas stream comprising at least one component of the liquid source to a critical process or application, wherein the amount of the component in the carrier gas is sufficient to keep the ratio of components in the multi-component liquid source relatively constant. The chemical delivery system includes a multi-component liquid source having a vapor phase. The system further includes a pre-loaded carrier gas source that is in fluid contact with the vapor phase, wherein the pre-loaded carrier gas includes a carrier gas and at least one component of the liquid source and an apparatus for delivering a gas stream including at least one component of the liquid source, wherein the amount of the component in the pre-loaded carrier gas is sufficient to keep the ratio of components in the multi-component liquid source relatively constant.

