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(54) Title: METHOD AND SYSTEM FOR RECOVERING HIGH -VALUE COMPONENTS FROM WASTE GAS STREAMS ADSORPTION

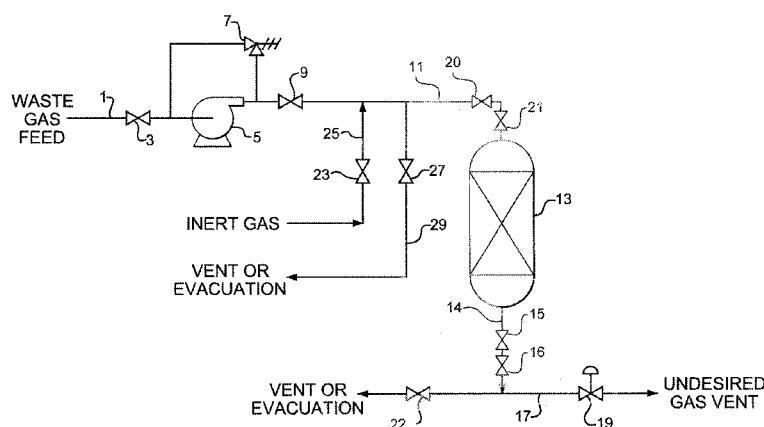


FIG. 3

(57) Abstract: Method for recovering a desired component from a waste gas comprising (a) at an operating facility, introducing a waste gas comprising the desired component and one or more undesired components into an adsorber containing adsorbent material selective for the desired component, adsorbing at least a portion of the desired component therein, (b) terminating flow of waste gas into the adsorber; and (c) recovering and concentrating the desired component by either (1) isolating the adsorber, transporting the adsorber to a central processing facility, or (2) withdrawing from the adsorber an intermediate gas enriched in the desired component, compressing the intermediate gas and storing it in a vessel, isolating the vessel, transporting the vessel to a central processing facility to provide a concentrated product further enriched in the desired component.

