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(54) Title: TAIL GAS OF GAS FERMENTATION TO DRY GASIFICATION FEEDSTOCK

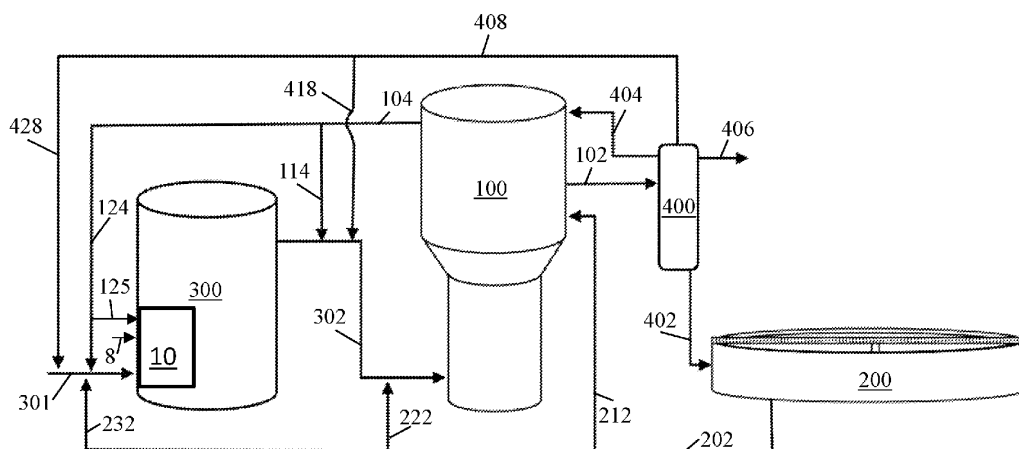


FIG. 1

(57) Abstract: The disclosure provides for the integration of a gas fermentation process with a gasification process whereby tail gas from the gas fermentation process is recycled to a dryer of the gasification process. The tail gas from the gas fermentation process is utilized to generate heat which in turn is used to dry feedstock to the gasification process. The heat is typically used to heat a drying gas, such as air, which is then directly or indirectly contacted with the gasification feedstock to dry the gasification feedstock. Dried gasification feedstock provides improved yield and improved quality of syngas as compared to gasification feedstock that is not dried.

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