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(54) Title: DESALTER CONFIGURATION INTEGRATED WITH STEAM CRACKER

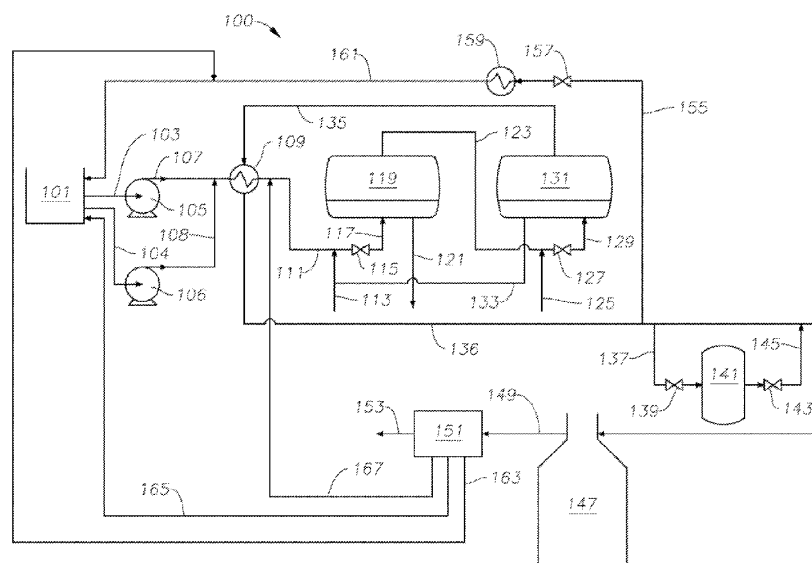


FIG. 1

(57) Abstract: The present disclosure provides for processes for producing light hydrocarbons. In an embodiment, a process includes pressurizing the hydrocarbon feed in one or more pumps producing a pressurized hydrocarbon feed and heating the pressurized hydrocarbon feed in one or more heat exchangers to produce a heated hydrocarbon feed. The process includes mixing the heated hydrocarbon feed with water and separating an inter-stage hydrocarbon feed from interstage water. The process includes mixing the inter-stage hydrocarbon feed with water and separating a desalted hydrocarbon feed from outlet water. The process includes pyrolysing the desalted hydrocarbon feed in a steam cracker.

[Continued on next page]

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