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(54) Title: APPARATUS AND METHOD FOR PYROLYZING FLUID HYDROCARBONS

(57) Abstract: The invention relates to an apparatus for pyrolyz-
ing fluid hydrocarbons to one or more hydrocarbon products, the
apparatus comprising: - at least one recycle pump for forward-
ing fluid hydrocarbons; and - at least one recycle heat exchanger
providing at least one tube for the fluid hydrocarbons to pass;
wherein the at least one recycle pump and/or the recycle heat ex-
changer are configured to establish a flow velocity of at least 1
m/s of the fluid hydrocarbons inside the at least one tube.

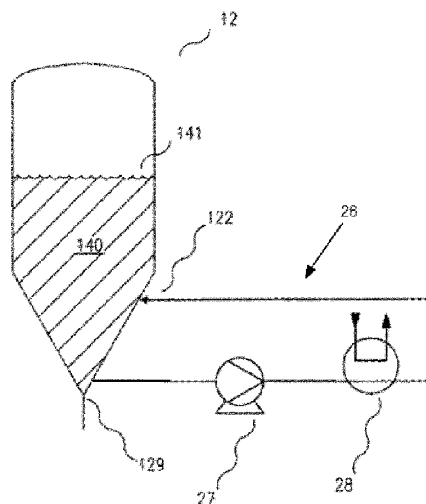


FIG. 2

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