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(54) Title: METHOD AND APPARATUS FOR PRODUCING A LIQUEFIED HYDROCARBON STREAM

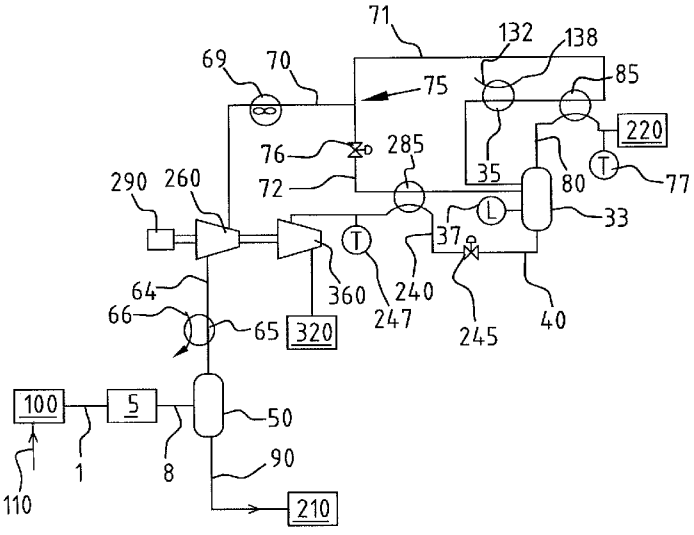


FIG. 1

(57) Abstract: A cryogenic hydrocarbon composition, obtained by subjecting a raw liquefied hydrocarbon stream to a pressure reduction step, is first separated into a vaporous reject stream and a liquid stream. The liquid stream is discharged in the form of the liquefied hydrocarbon stream. The vaporous reject stream is recompressed, split into first and second compressed vapour part streams. Each part stream is indirectly heat exchanged whereby the first compressed vapour part stream is indirectly heat exchanged against the first auxiliary refrigerant stream and the second compressed vapour part stream against the second auxiliary refrigerant stream. The second auxiliary refrigerant stream is formed from the condensed fraction, which is thus revaporized and subsequently combusted in a gas turbine. The vapour fraction, which generally has a higher nitrogen content and a lower heating value than the condensed fraction, is combusted in a combustion device other than a gas turbine.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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