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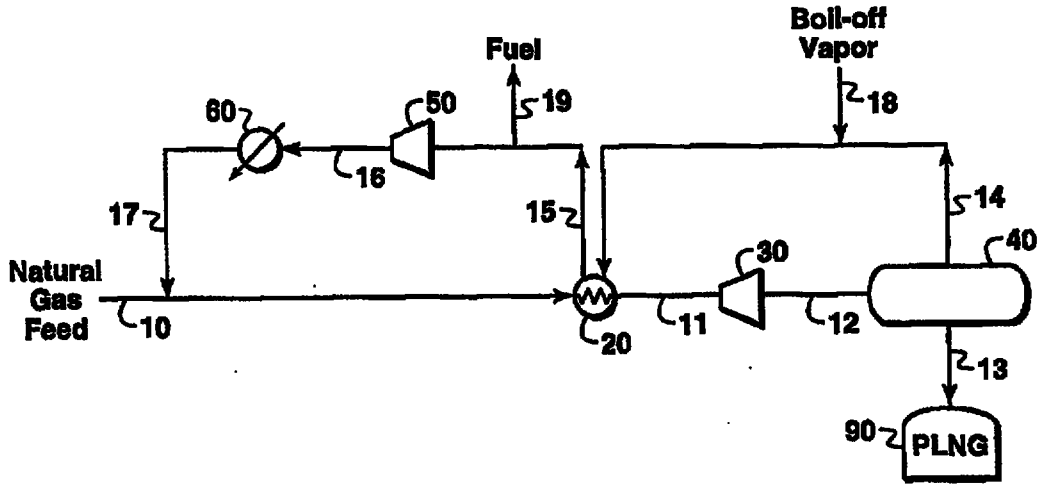
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(54) Title: IMPROVED PROCESS FOR LIQUEFACTION OF NATURAL GAS



(57) Abstract

This invention relates to a process for liquefying a gas stream rich in methane and having a pressure above about 3103 kPa (450 psia). The gas stream is expanded to a lower pressure to produce a gas phase and a liquid product having a temperature above about –112 °C (–170 °F) and a pressure sufficient for the liquid product to be at or below its bubble point. The gas phase and the liquid product are then phase separated in a suitable separator, and the liquid product is introduced to a storage means for storage at a temperature above about –112 °C (–170 °F).