

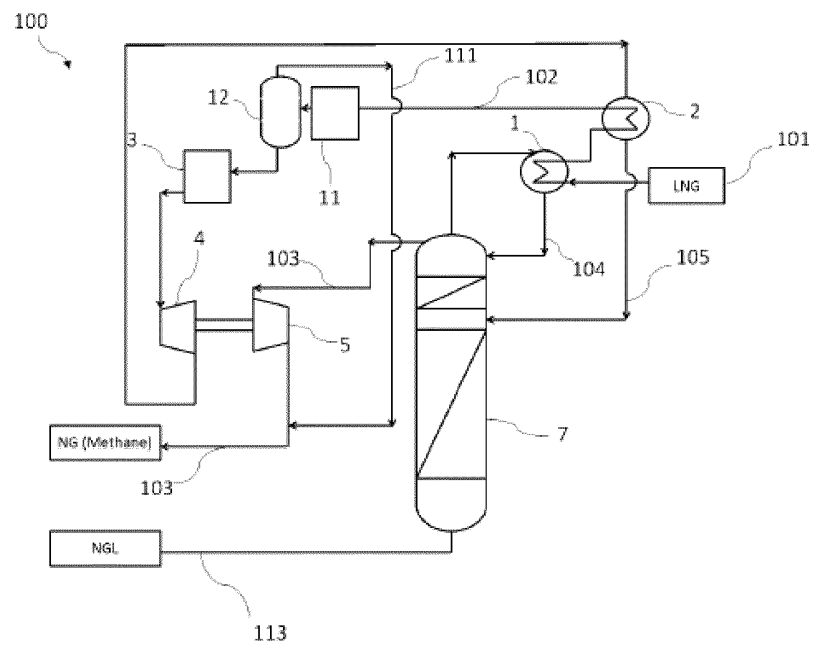
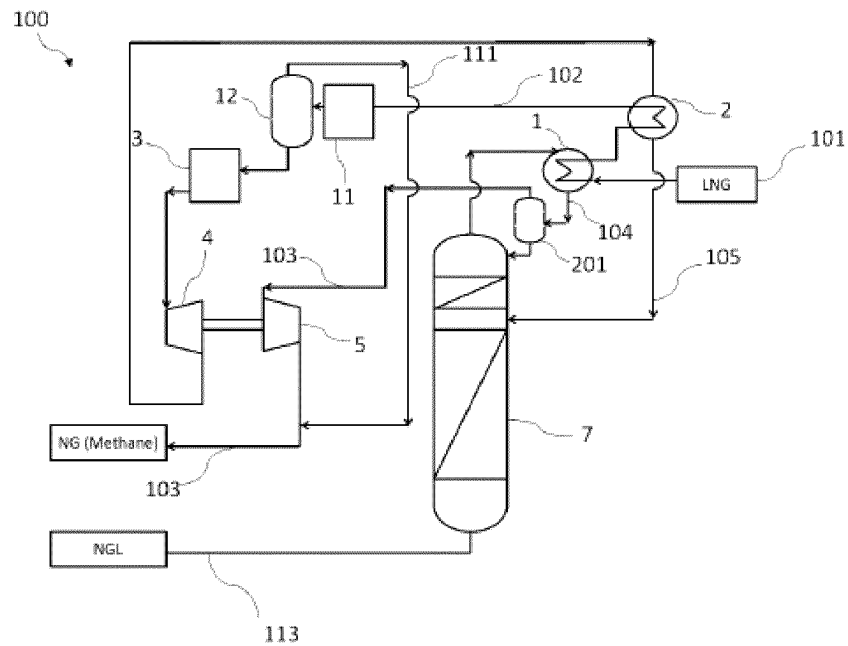


Fig. 1



- 1... First heat exchanger
- 2... Second heat exchanger
- 3... First vaporizer
- 4... First expander
- 5... First compressor
- 6... Second natural gas heater (to be inserted at a stage after 5)
- 7... Distillation column
- 11... First natural gas heater
- 12... Separator

- 100... Natural gas supply apparatus
- 101... Starting material supply
- 102... Starting material supply flow path
- 103... First natural gas delivery flow path
- 104... First reflux flow path
- 105... High-boiling-point component supply flow path
- 111... Low-boiling-point component supply flow path
- 113... Natural gas liquid delivery flow path

Fig. 2

Fig. 4

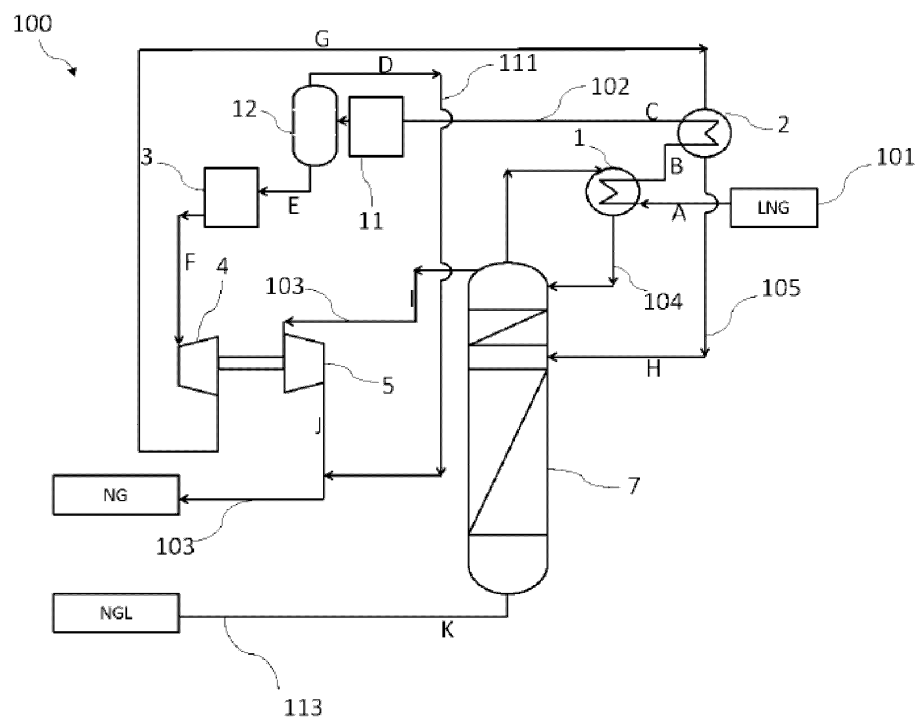


Fig. 5

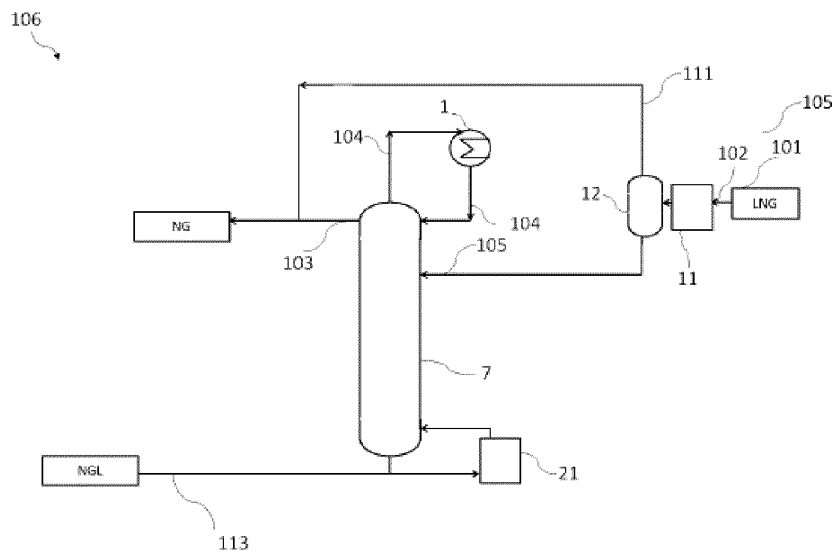


Fig. 6

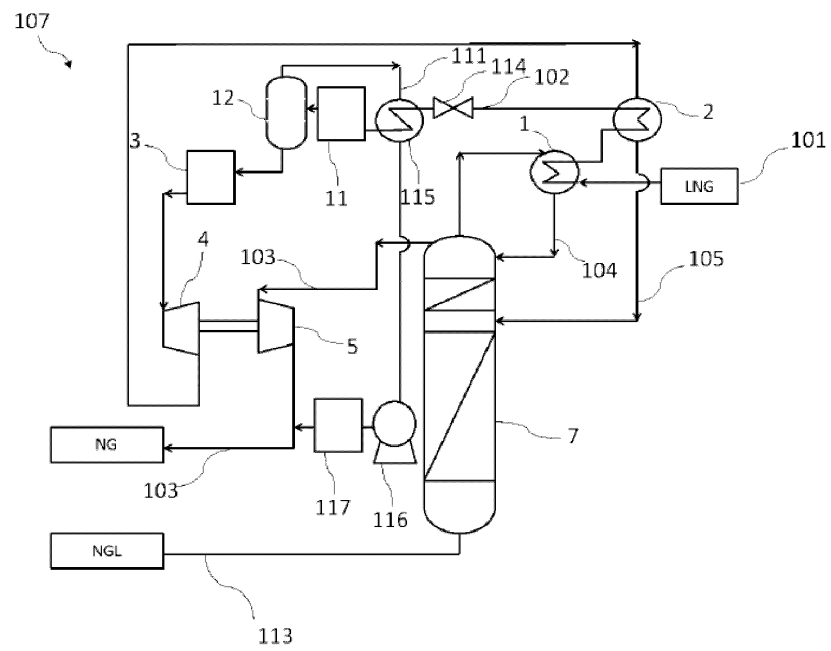


Fig. 7

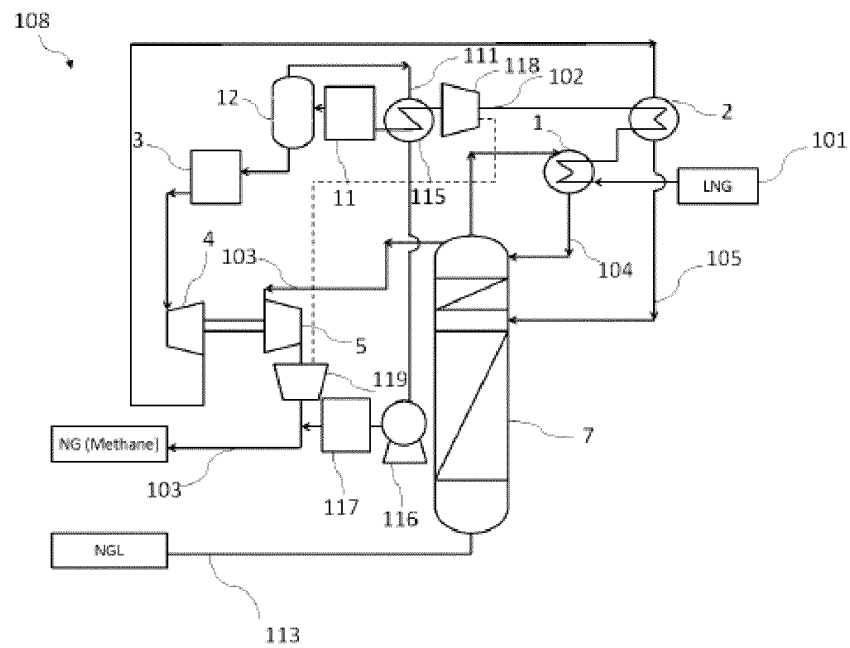


Fig. 8