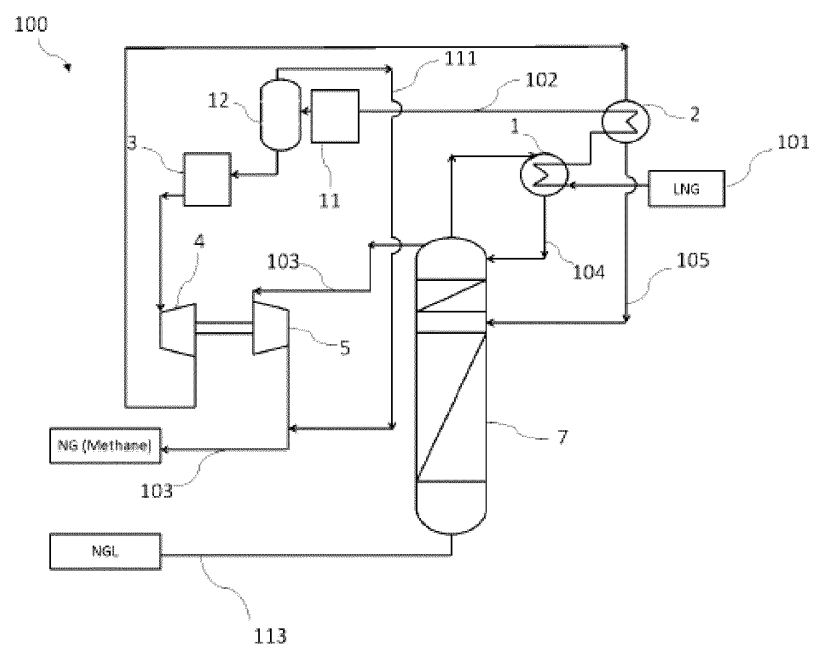
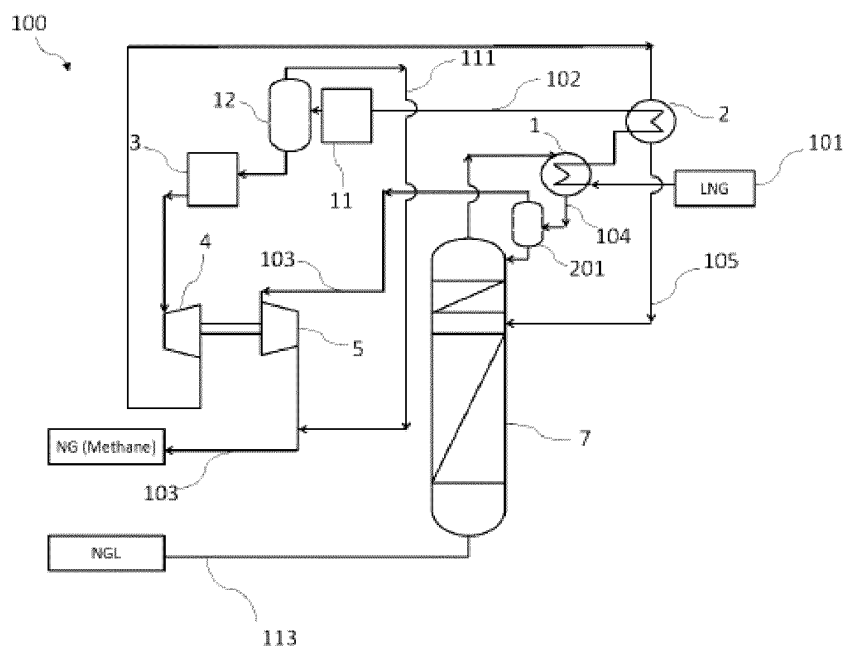




**Fig. 1**



- 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

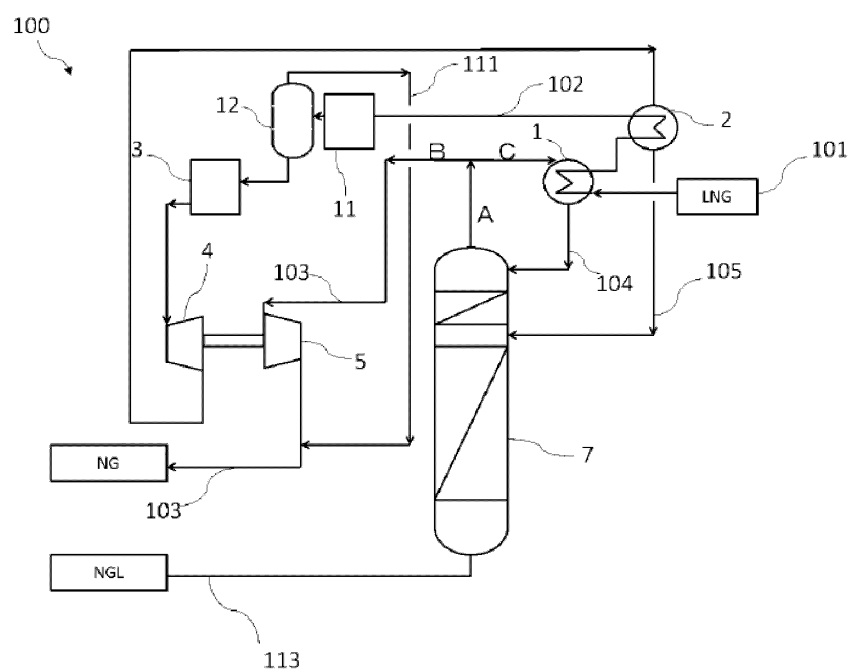


Fig. 3

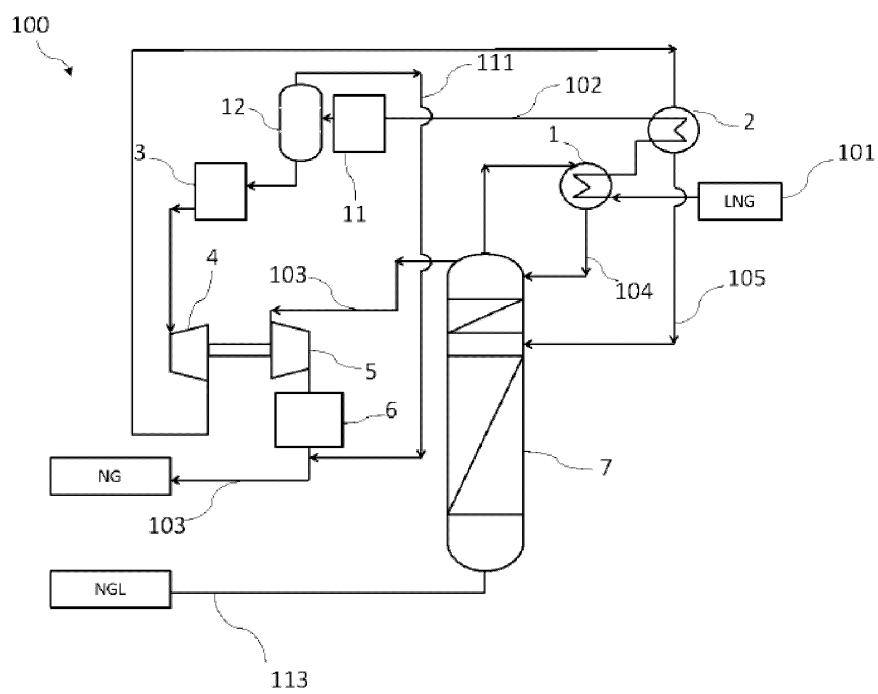


Fig. 4

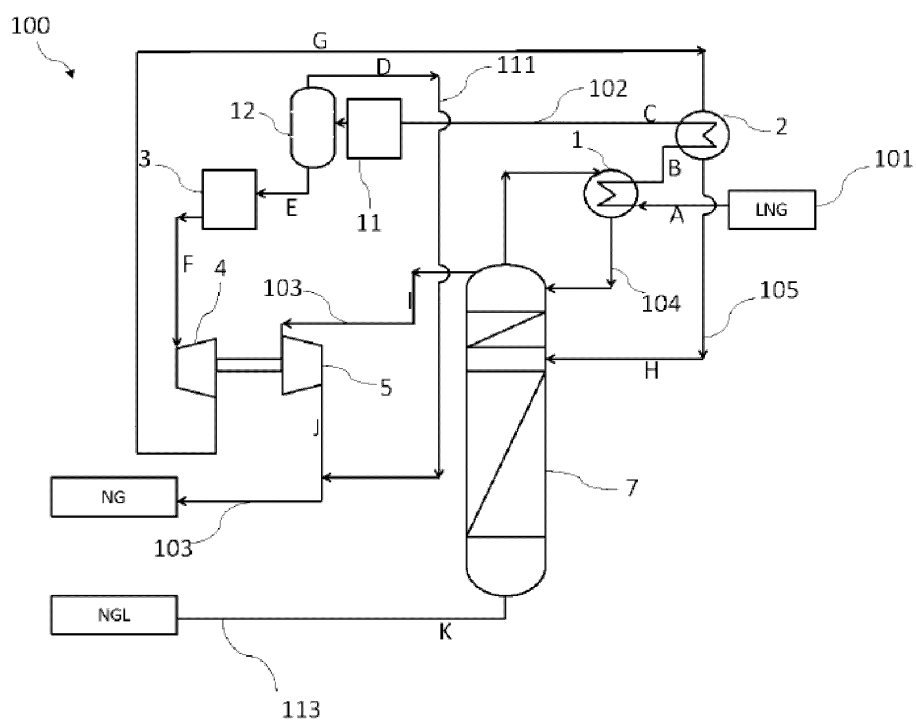


Fig. 5

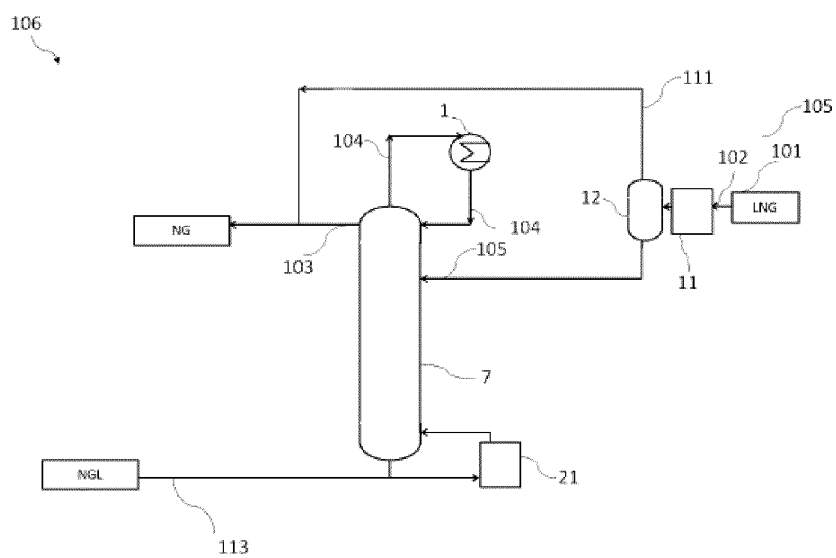
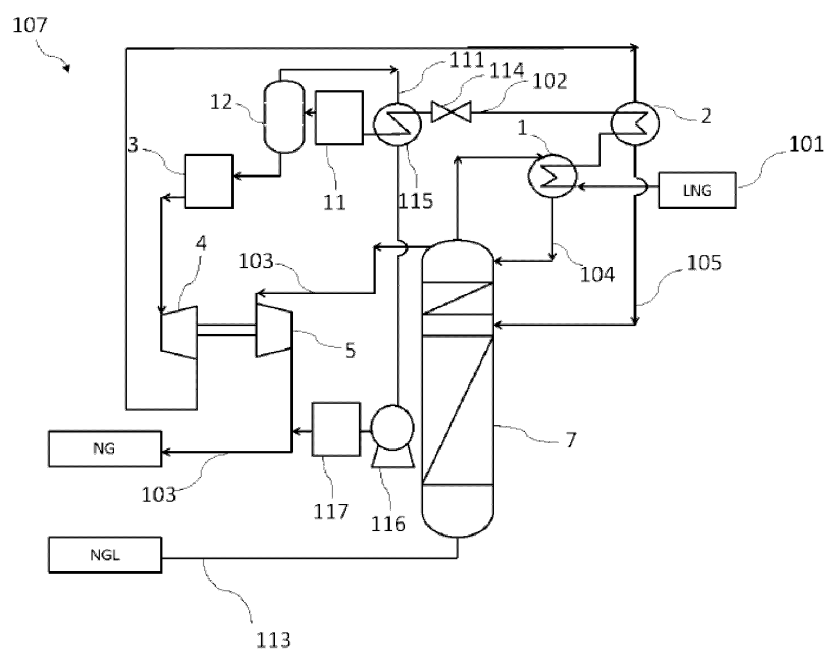
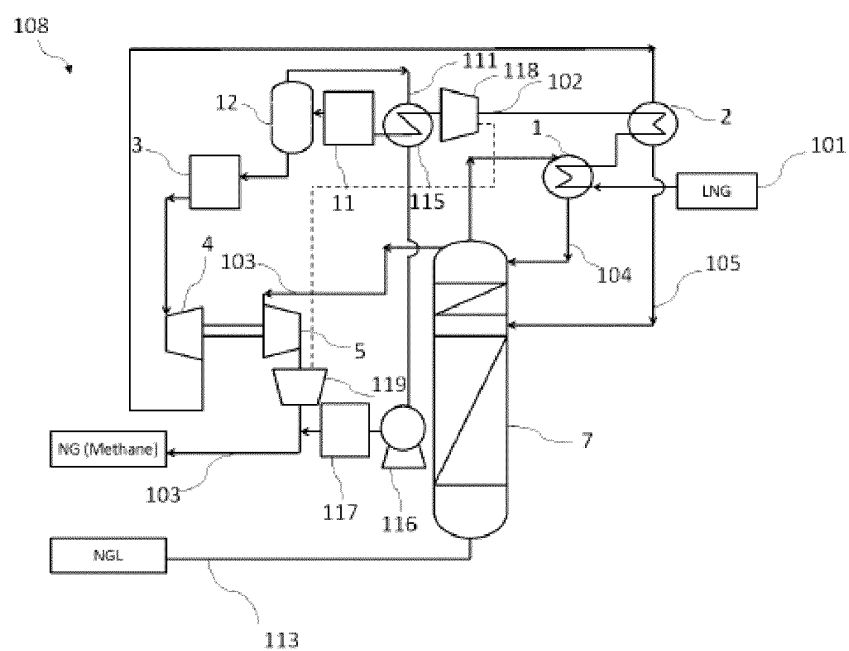


Fig. 6



**Fig. 7**



**Fig. 8**