

Figures

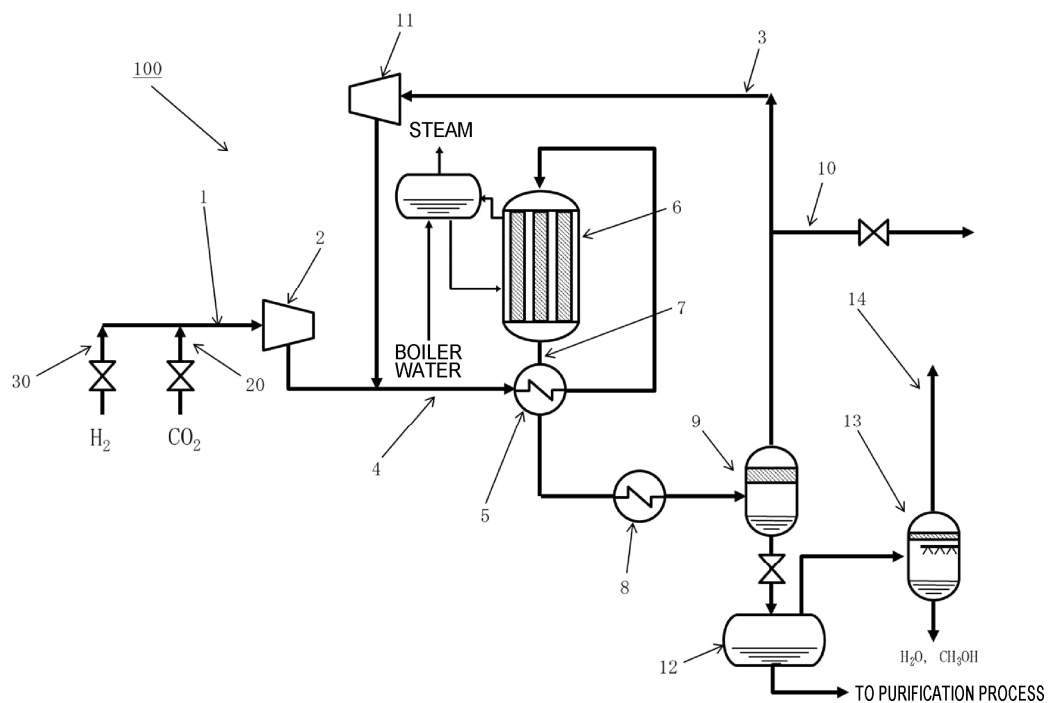


Figure 1

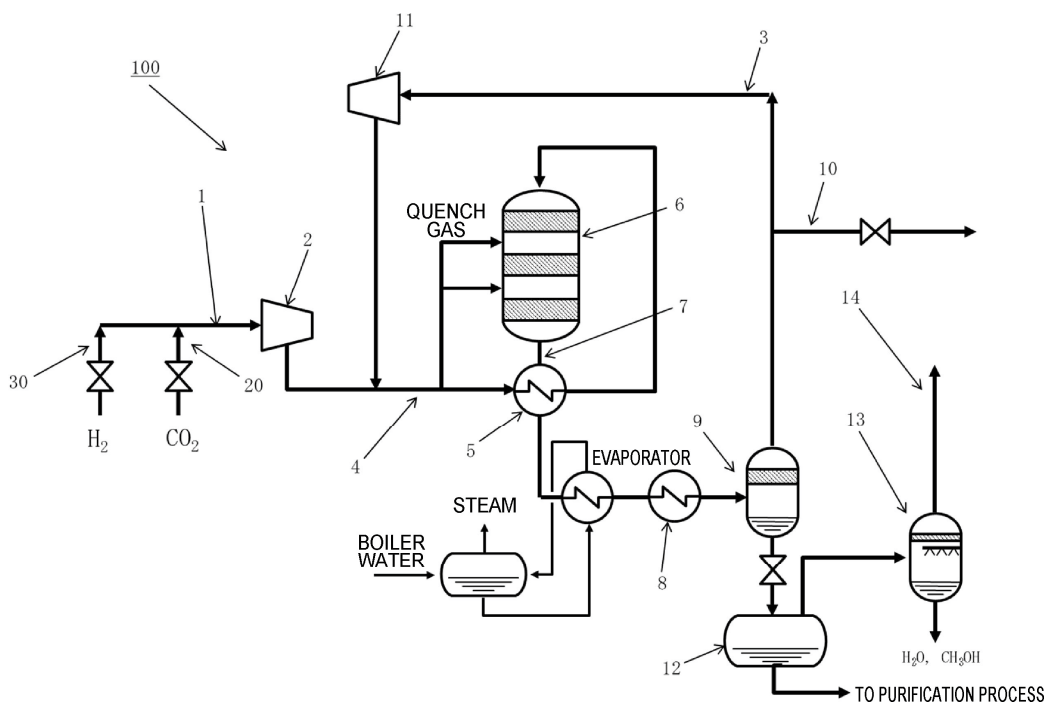


Figure 2

The diagram illustrates a two-stage distillation process. Feed stream 1 enters a reboiler 2, which is part of a heating jacket 102. The jacket is heated by stream 11. The top product of the first stage, stream 3, is a mixture of water and methanol that is sent to a purification process. The bottom product of the first stage, stream 4, is pumped by pump 5 to a second reboiler 6. This reboiler is also part of a heating jacket 102, heated by stream 11. The top product of the second stage, stream 6', is pumped by pump 7' to a condenser 8'. The bottom product of the second stage, stream 9', is pumped by pump 8' to a third reboiler 12. The top product of the third stage, stream 13, is a mixture of water and methanol that is sent to a purification process. The bottom product of the third stage, stream 14, is a mixture of water and methanol that is sent to a purification process.

Figure 4