

Figure 1:

- 5 Simplified process flow chart for the preparation of methyl formate using a bubble-column reactor with recycling of the carbon monoxide-containing circulating-gas stream and with recycling of a methanol-containing liquid stream.

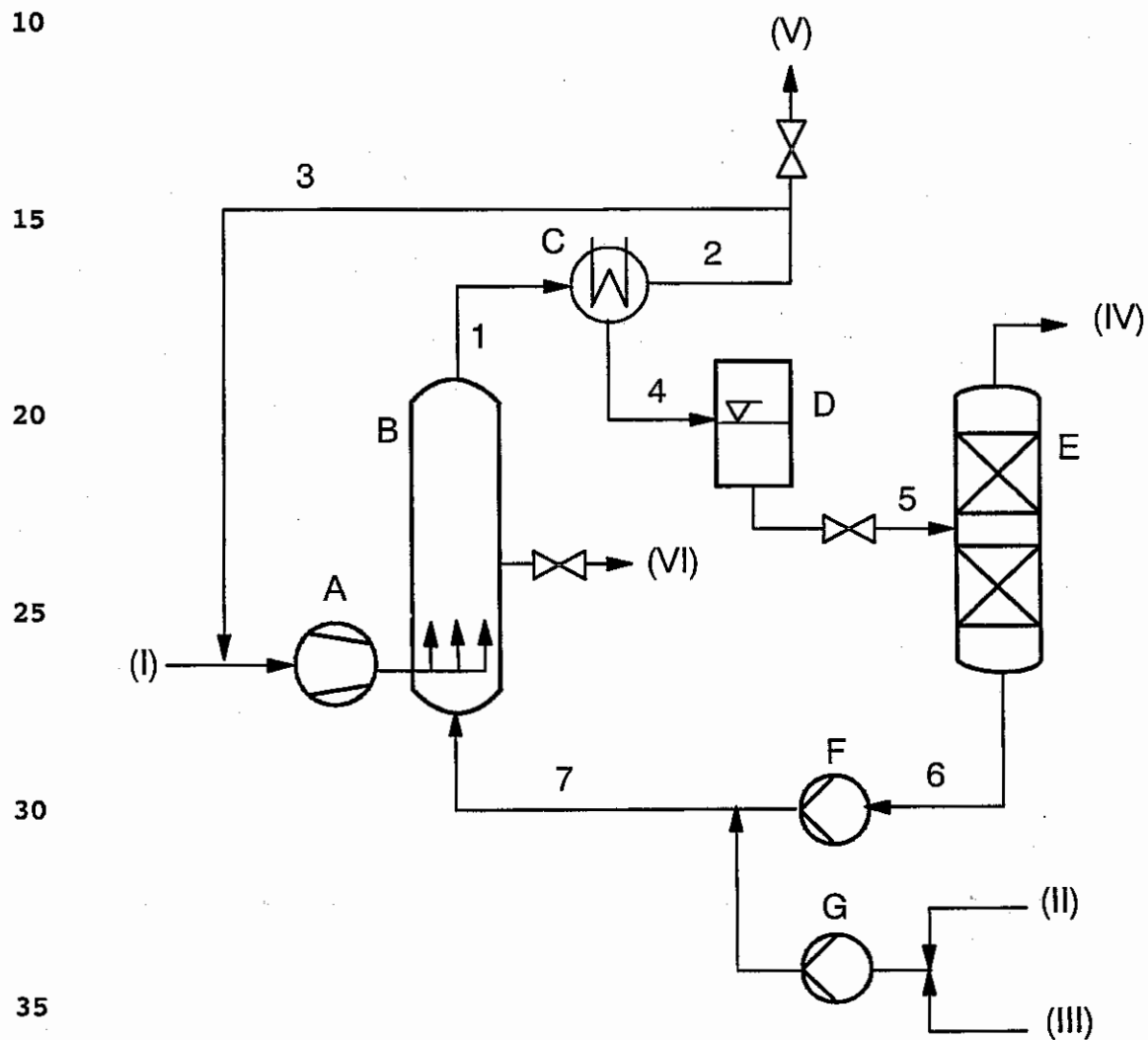


Figure 2:

Cascaded reactor using the example of a bubble column.

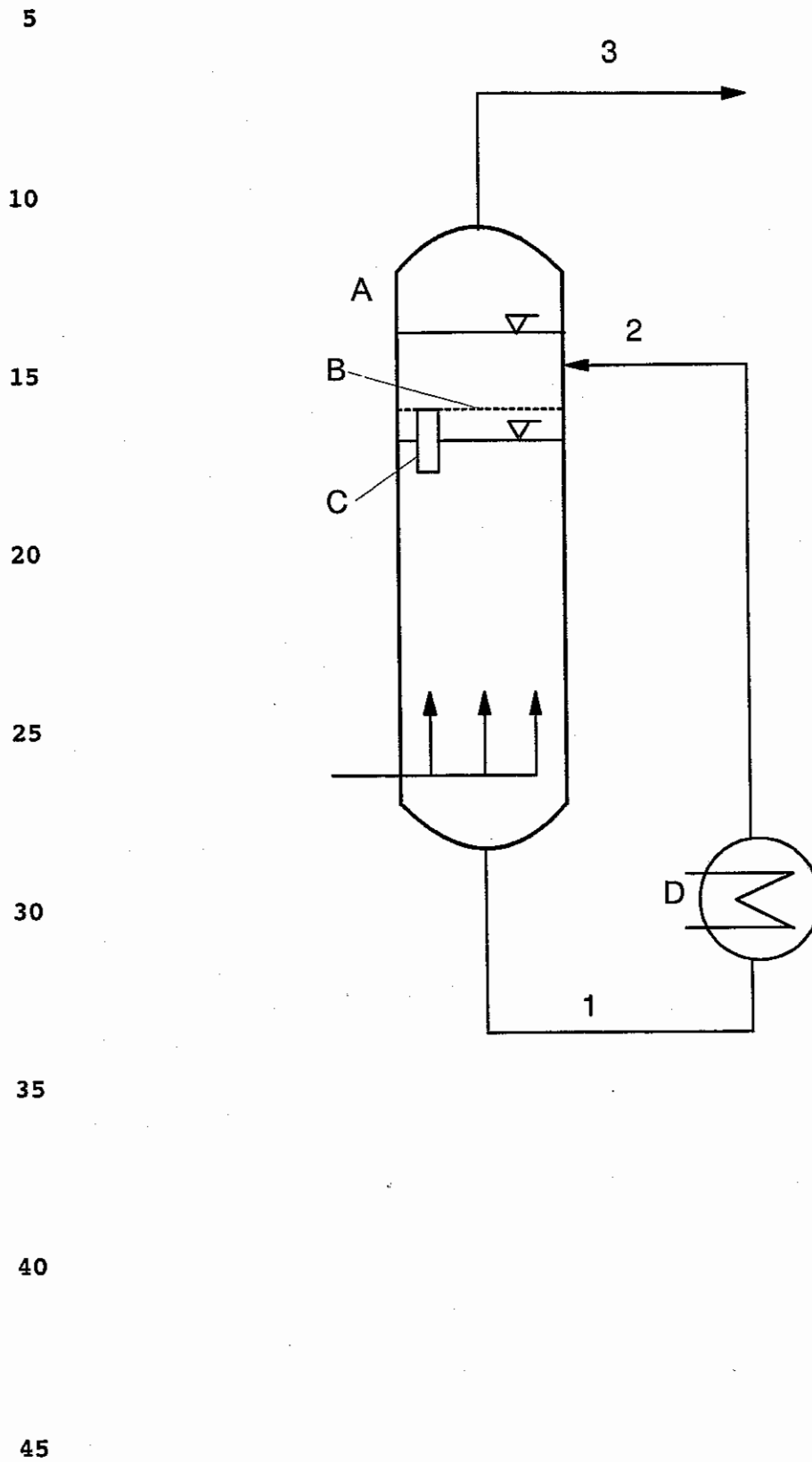


Figure 3/3:

5 Simplified process flow chart of a preferred embodiment for the preparation of methyl formate using a rectifying column with recycling of the carbon monoxide-containing circulating-gas stream and with recycling of a methanol-containing liquid stream.

