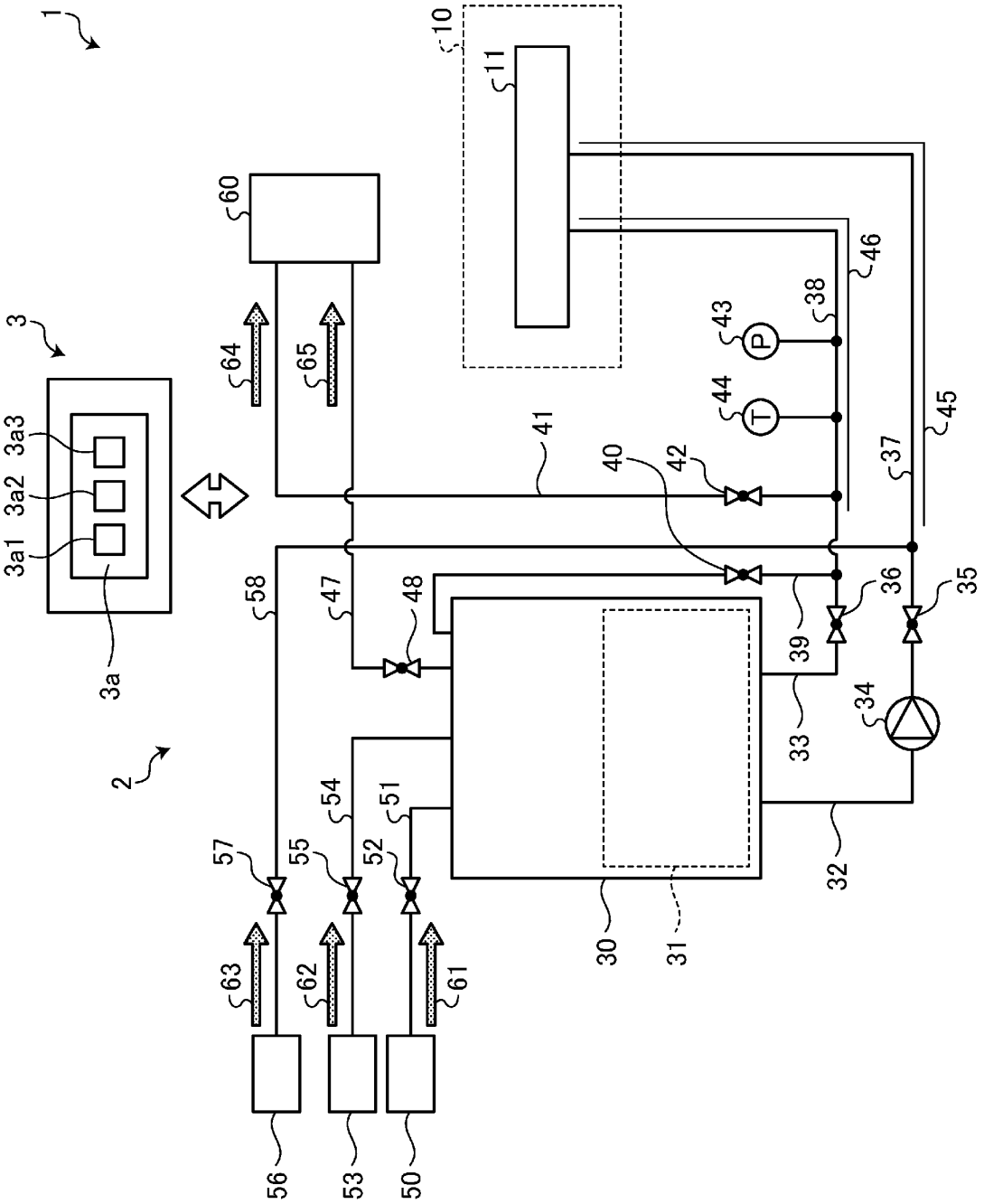
[図1]


1
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3
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3a3
3a2
3a1
41
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3a
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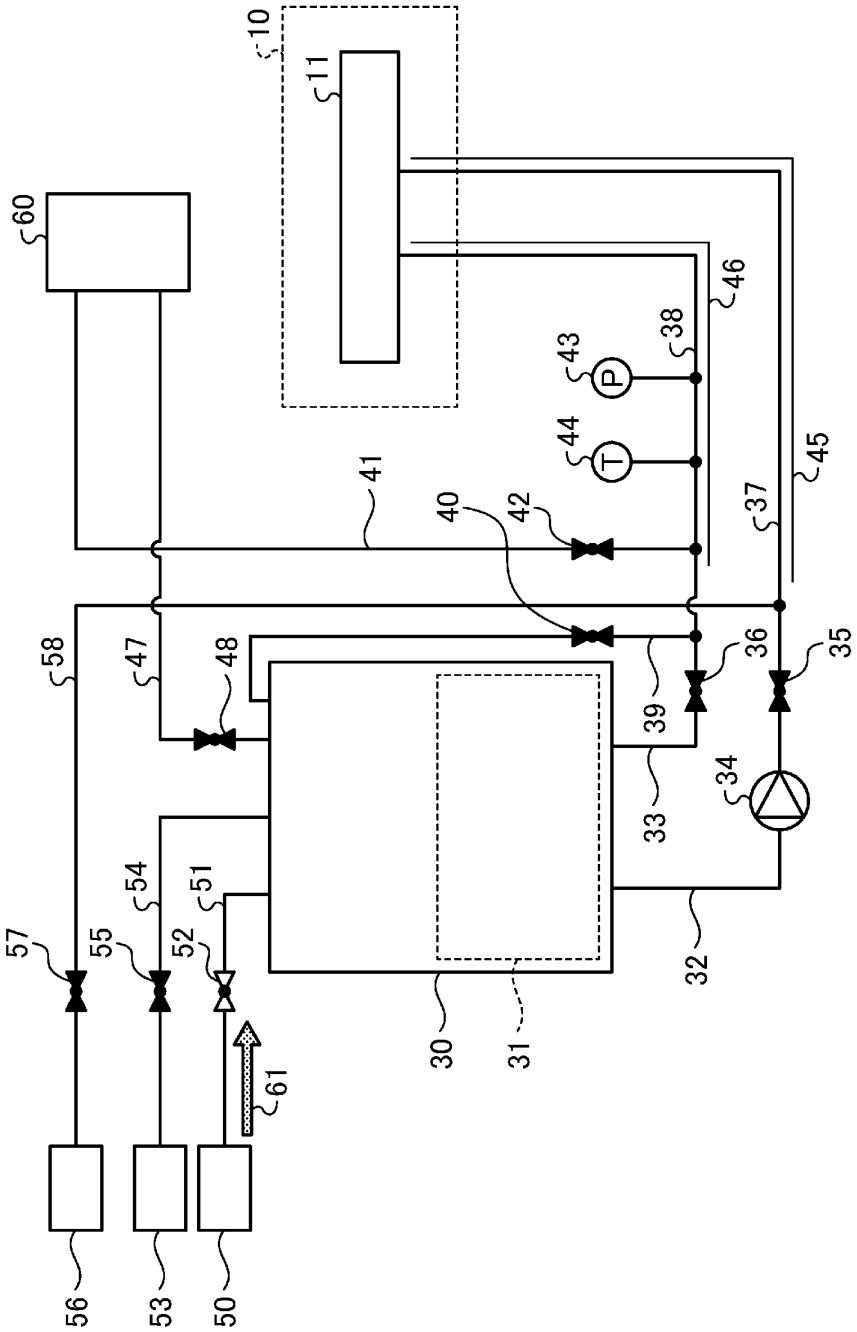
[図2]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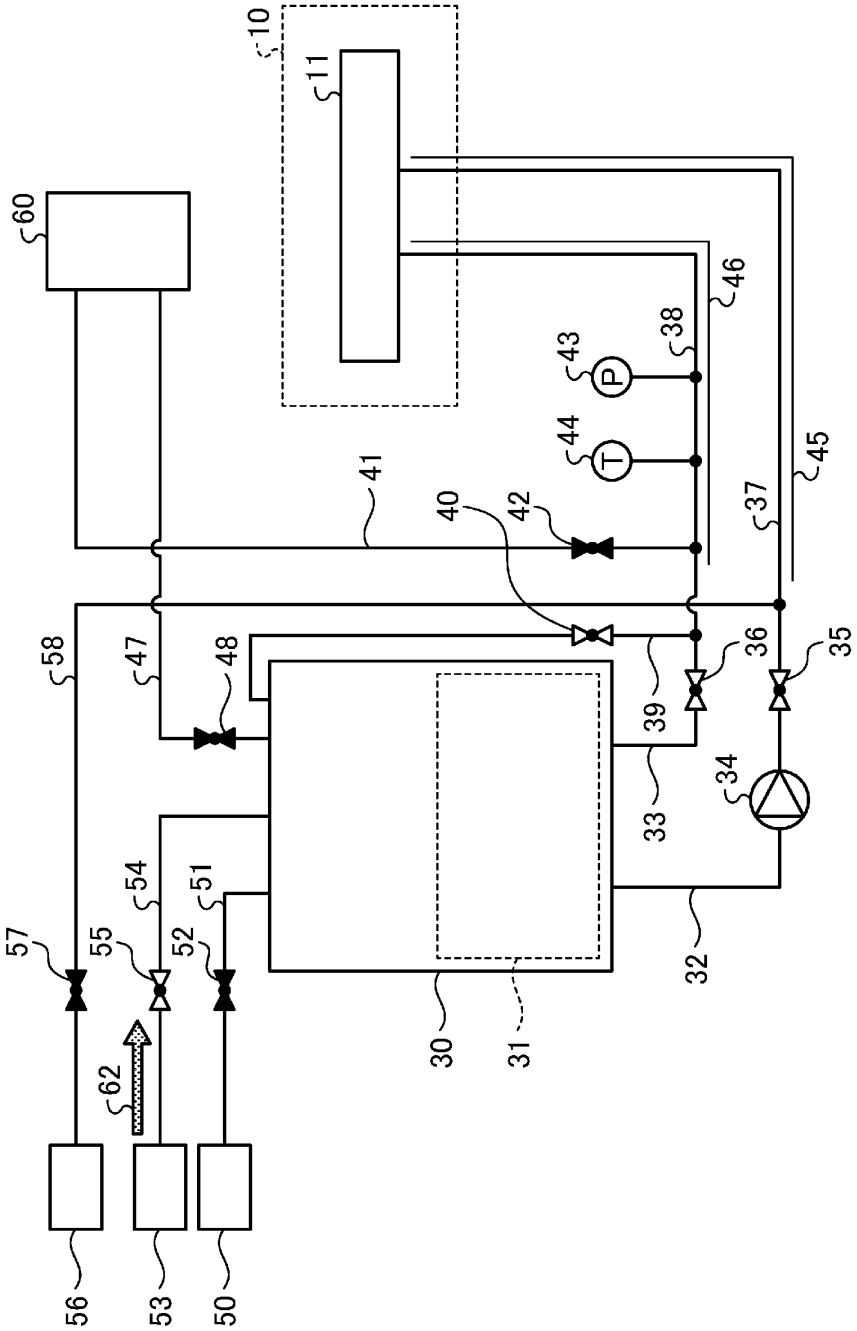
[図3]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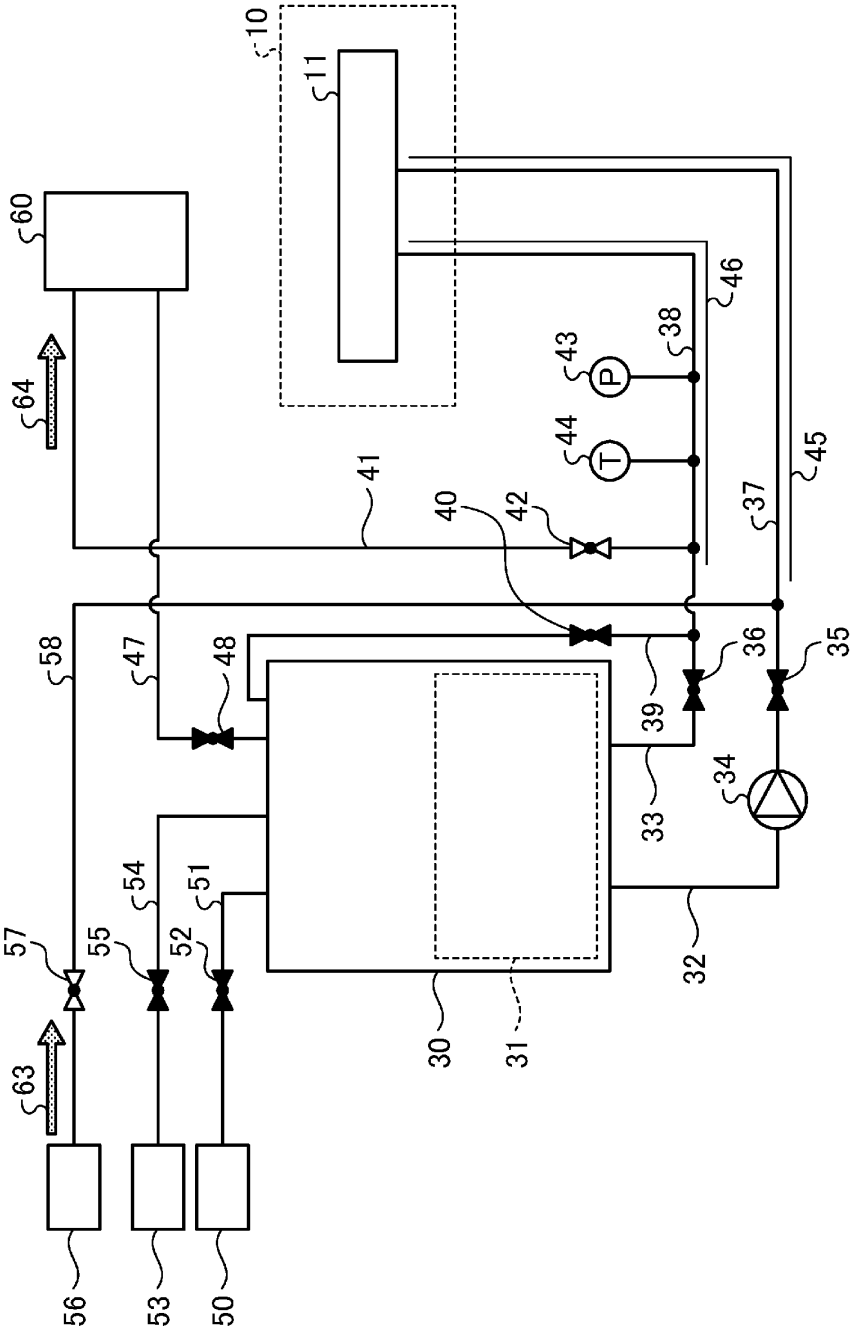
[図4]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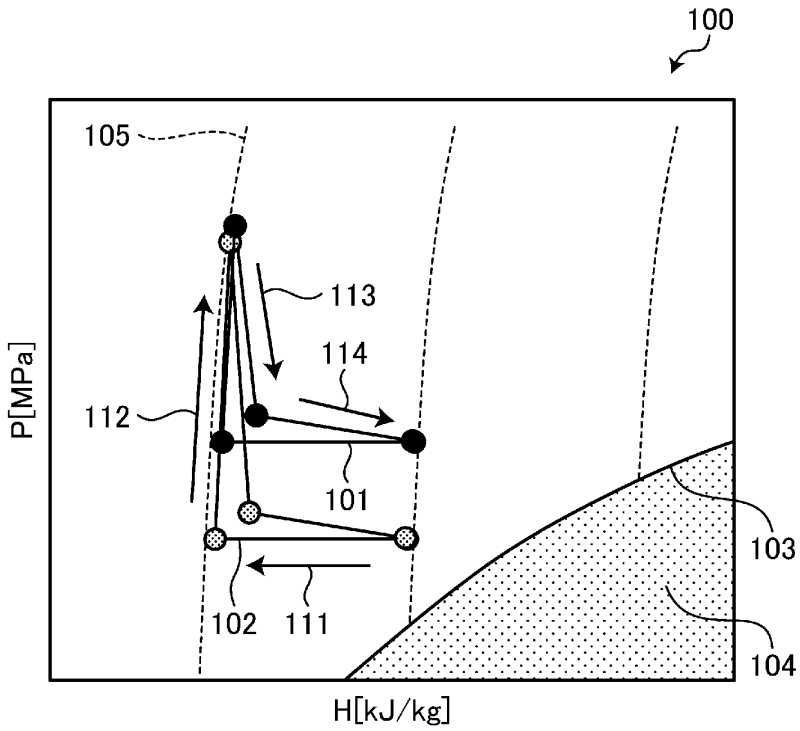
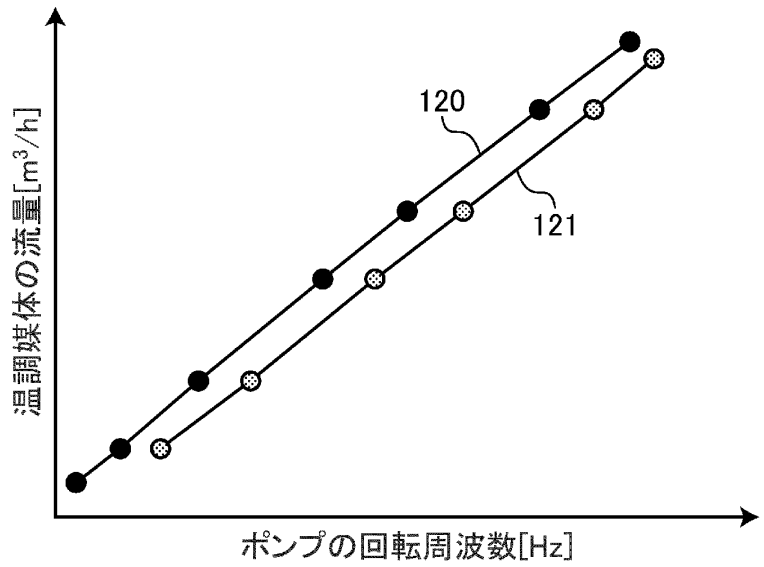
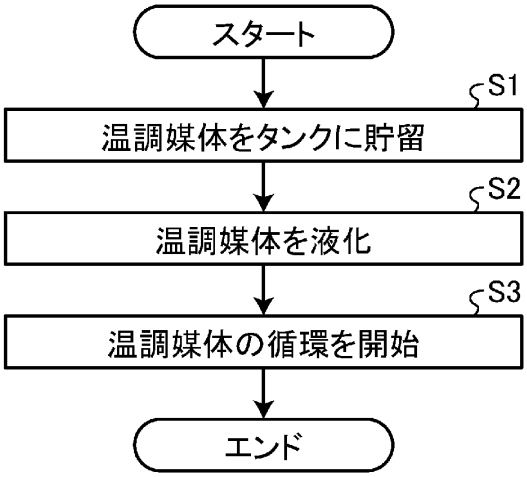
[図5]


100
105
113
114
112
101
103
102
111
104
P[MPa]
H[kJ/kg]

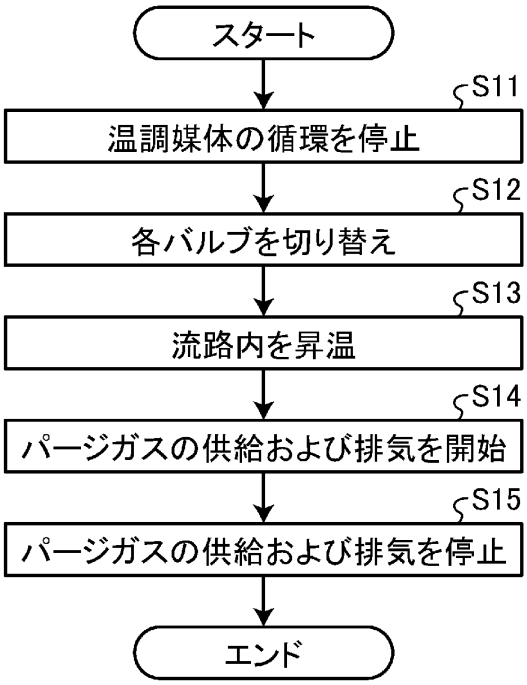
[図6]


120
121
温調媒体の流量[m3/h]
ポンプの回転周波数[Hz]

[図7]


スタート
S1
温調媒体をタンクに貯留
S2
温調媒体を液化
S3
温調媒体の循環を開始
エンド

[図8]


スタート
S11
温調媒体の循環を停止
S12
各バルブを切り替え
S13
流路内を昇温
S14
パージガスの供給および排気を開始
S15
パージガスの供給および排気を停止
エンド