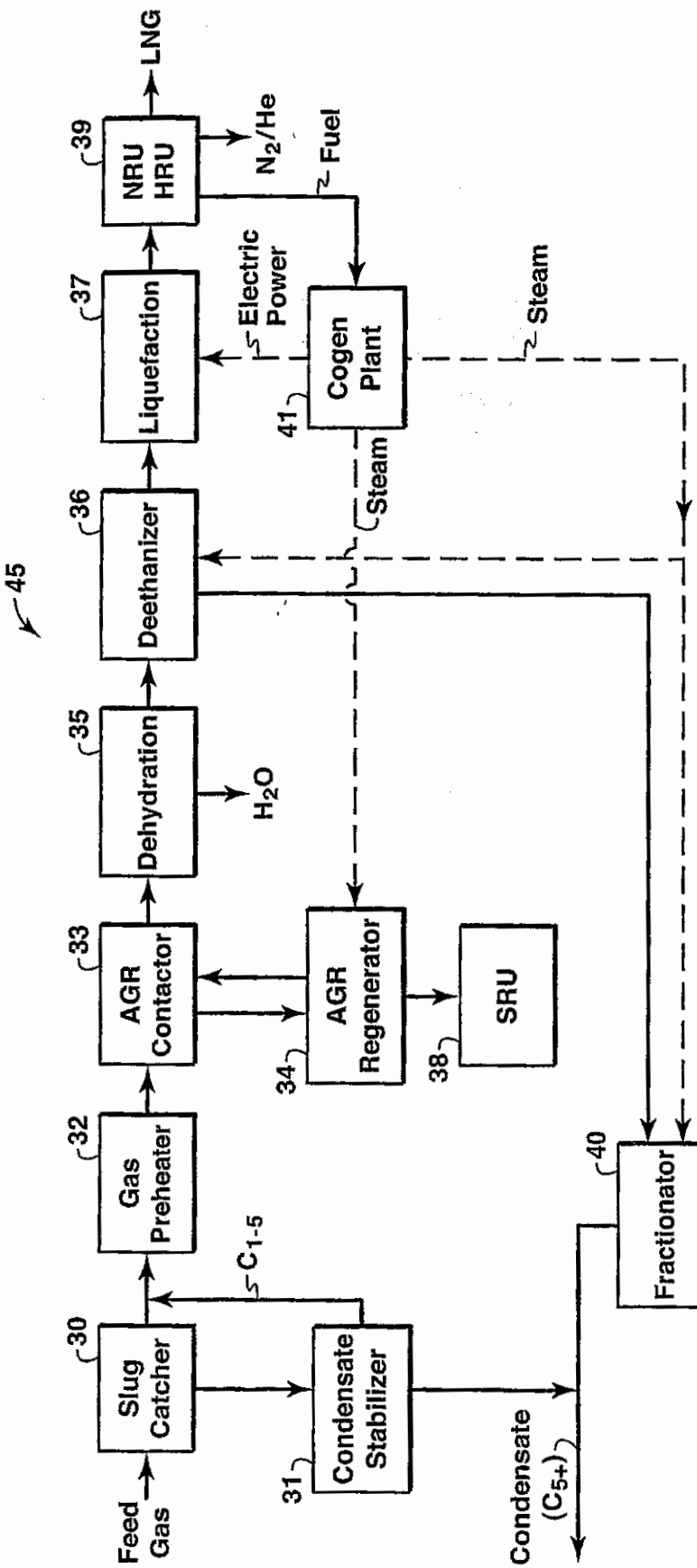

45
Feed Gas
30
Slug Catcher
31
Condensate Stabilizer
Condensate (C_{5+})
C_{1-5}
32
Gas Preheater
33
AGR Contactor
34
AGR Regenerator
38
SRU
35
Dehydration
H_2O
36
Deethanizer
40
Fractionator
LPG (C_{3-4})
37
Liquefaction
Electric Power
41
Cogen Plant
Steam
Steam
39
NRU HRU
N_2/He
Fuel
LNG

FIG. 1

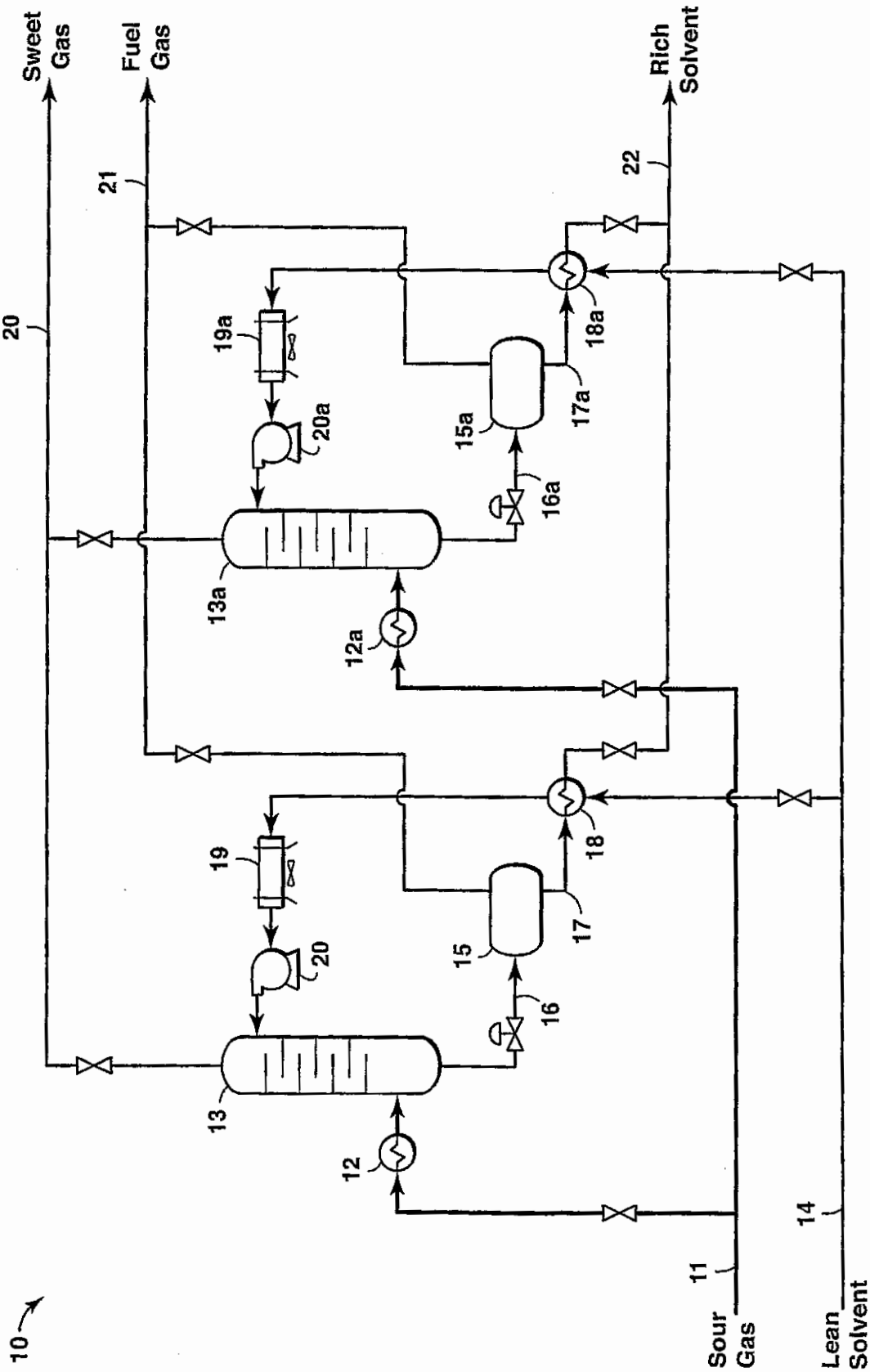

Sweet Gas
Fuel Gas
Rich Solvent
Sour Gas
Lean Solvent
10
11
12
12a
13
13a
14
15
15a
16
16a
17
17a
18
18a
19
19a
20
20a
21
22

FIG. 2A

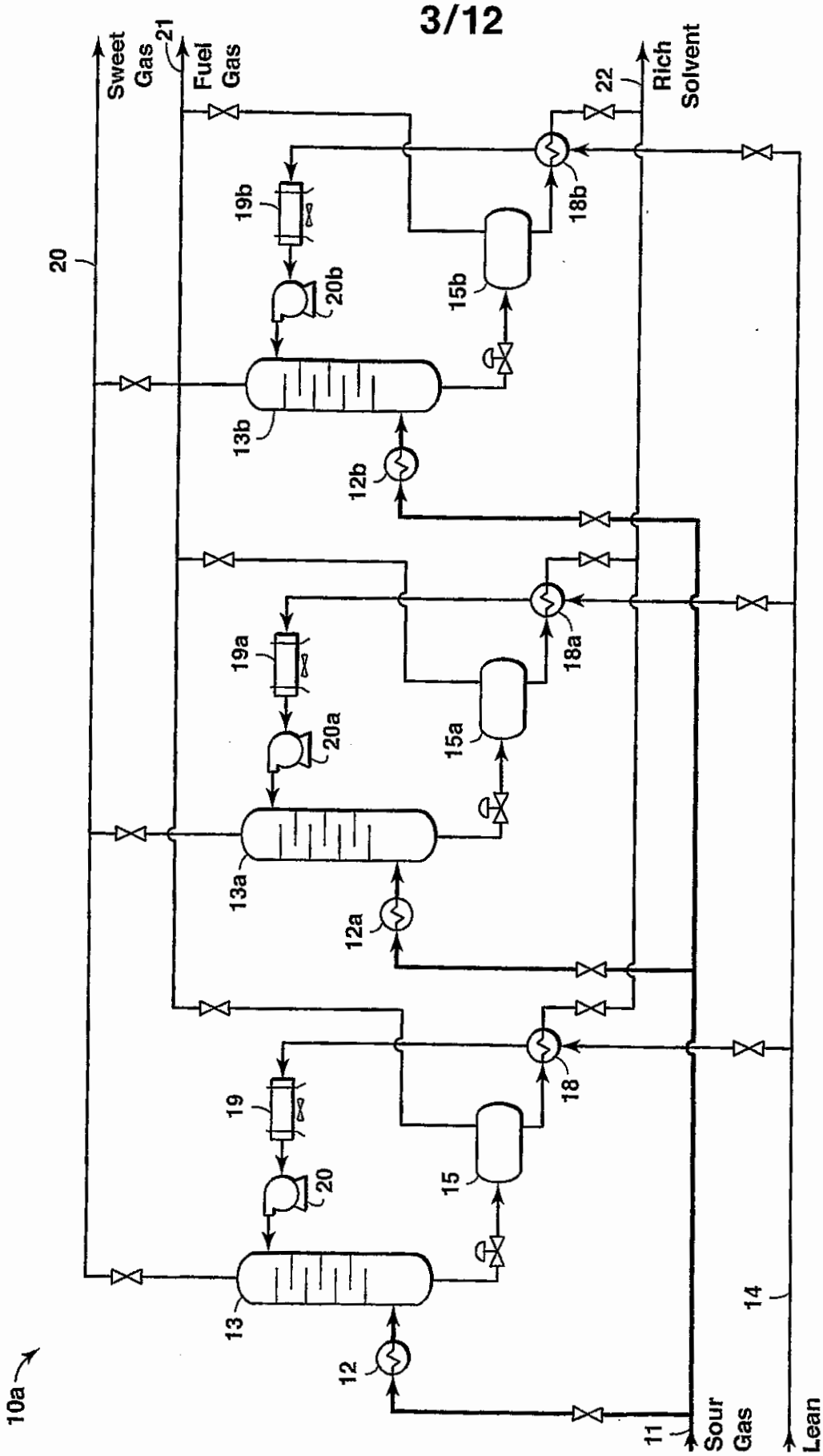

Sweet Gas
21
Fuel Gas
22
Rich Solvent
20
19b
20b
15b
18b
13b
12b
19a
20a
15a
18a
13a
12a
19
20
15
18
13
12
10a
11
Sour Gas
14
Lean Solvent

FIG. 2B

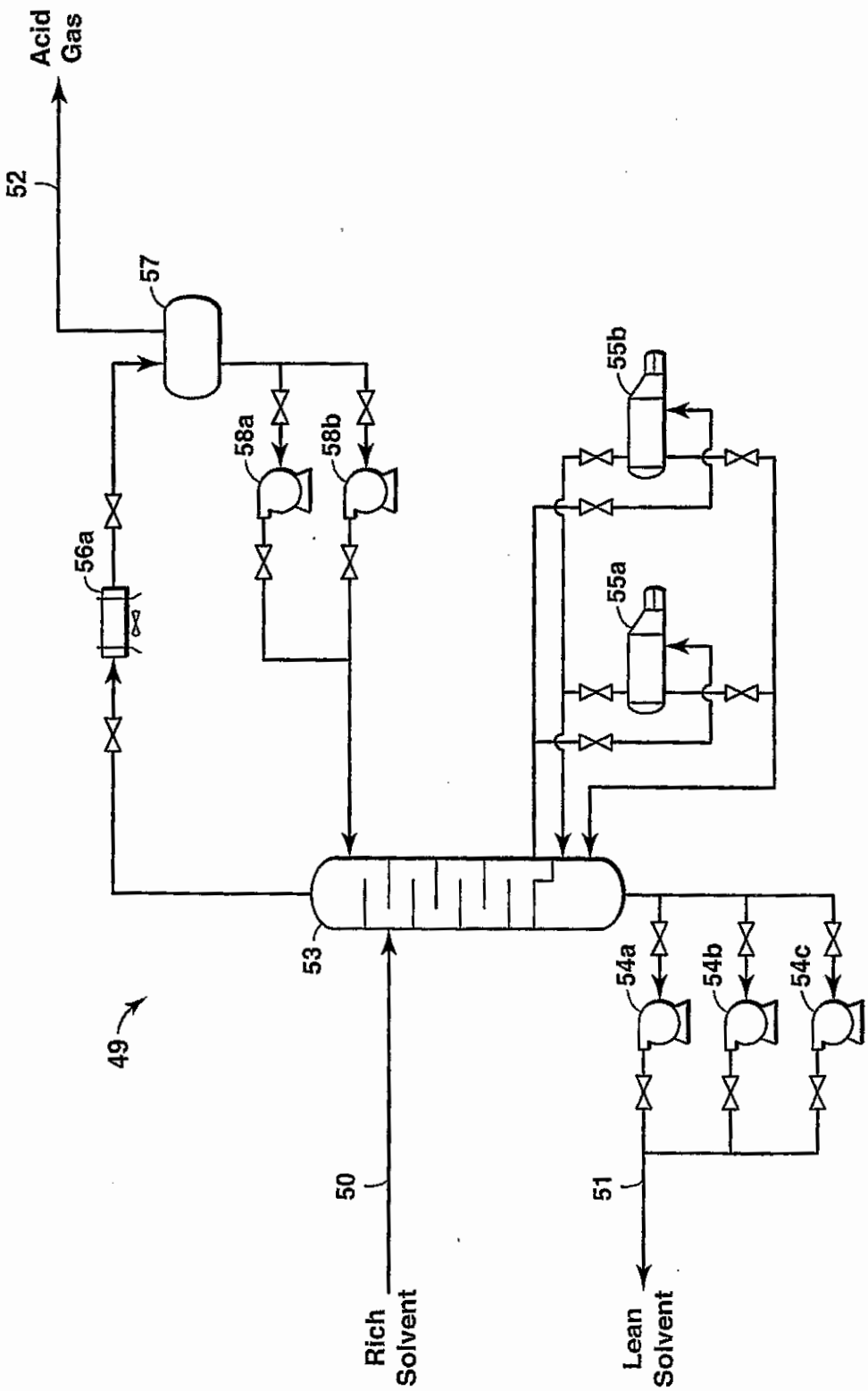

Acid Gas
52
57
58a
58b
56a
55b
55a
53
49
54a
54b
54c
50
51
Rich Solvent
Lean Solvent

FIG. 3A

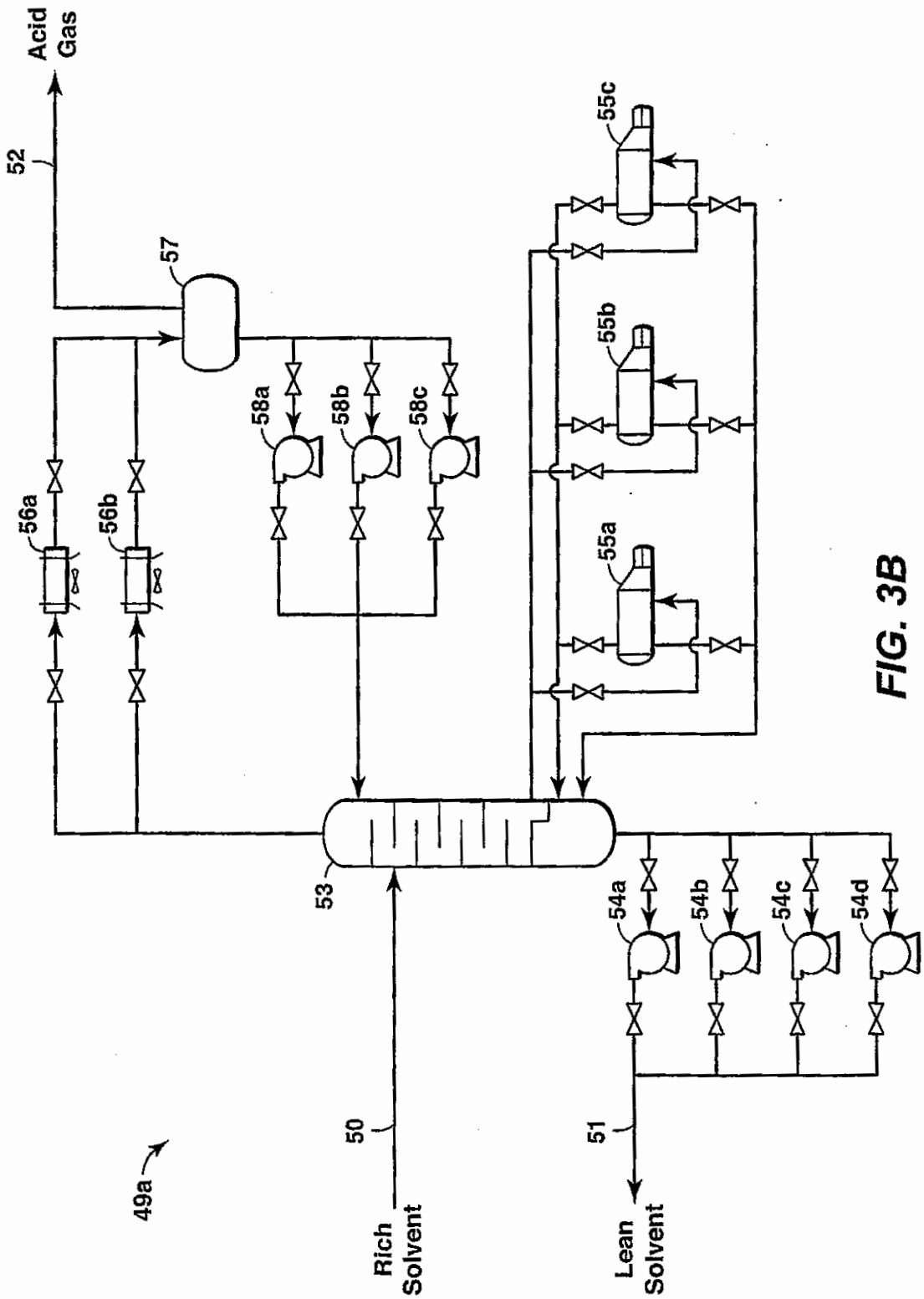

Acid Gas
52
57
55c
55b
55a
58a
58b
58c
56a
56b
53
54a
54b
54c
54d
50
51
49a
Rich Solvent
Lean Solvent

FIG. 3B

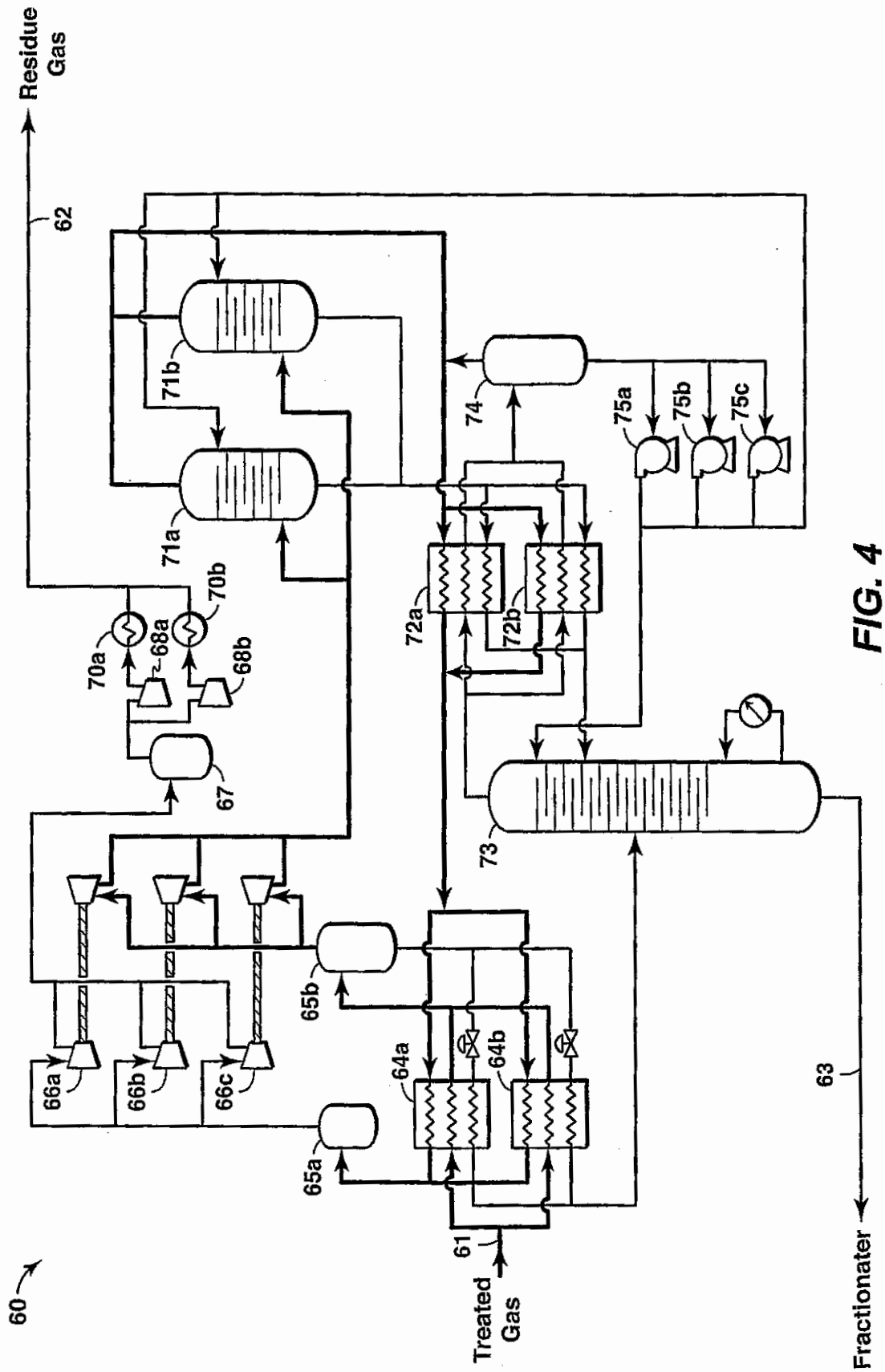

Residue Gas
62
71b
71a
74
75a
75b
75c
70a
68a
70b
68b
67
72a
72b
73
65b
65a
64a
64b
66a
66b
66c
61
Treated Gas
63
Fractionater
60

FIG. 4

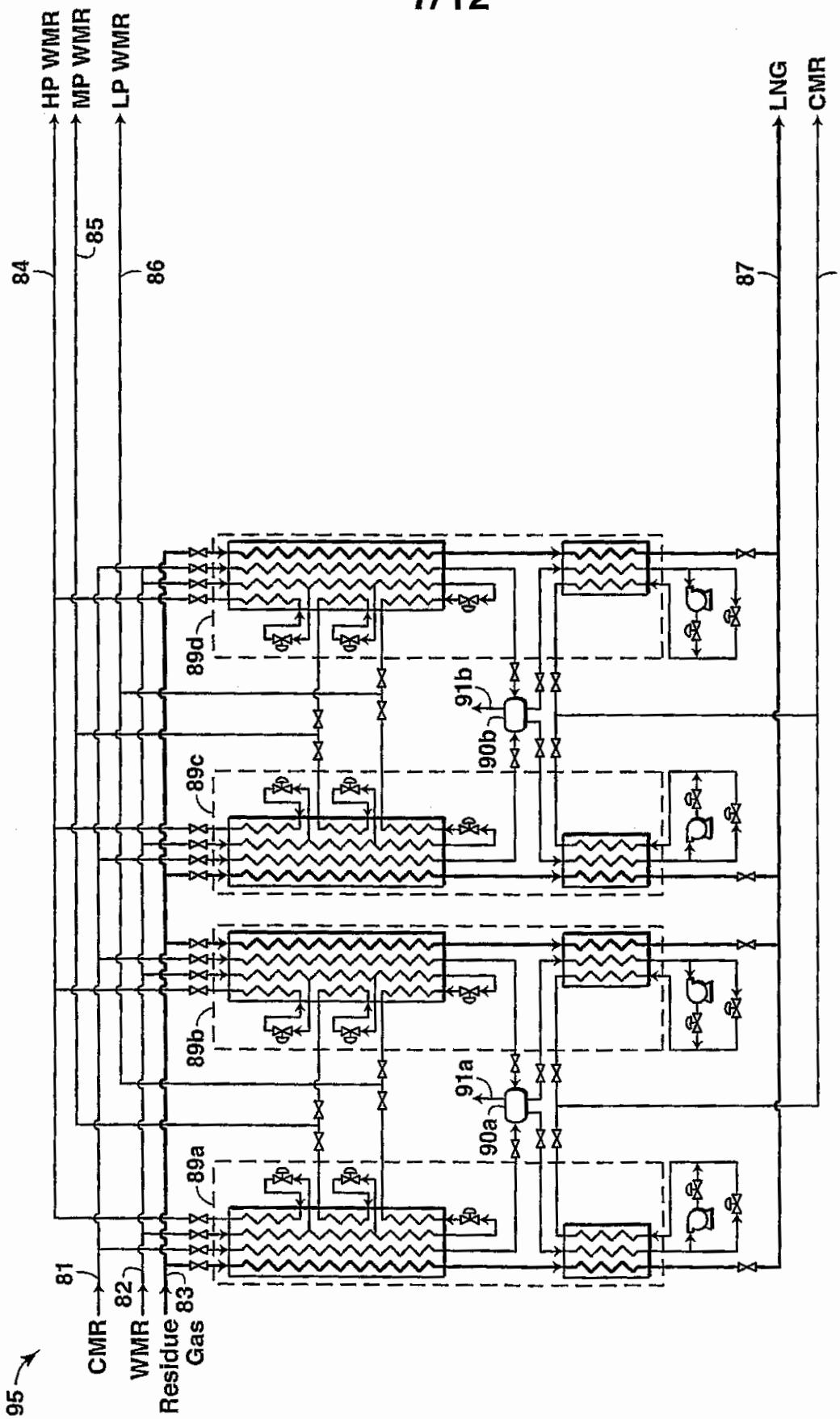

HP WMR
MP WMR
LP WMR
LNG
CMR
84
85
86
87
88
89d
89c
89b
89a
91b
90b
91a
90a
81
82
83
CMR
WMR
Residue Gas
95

FIG. 5

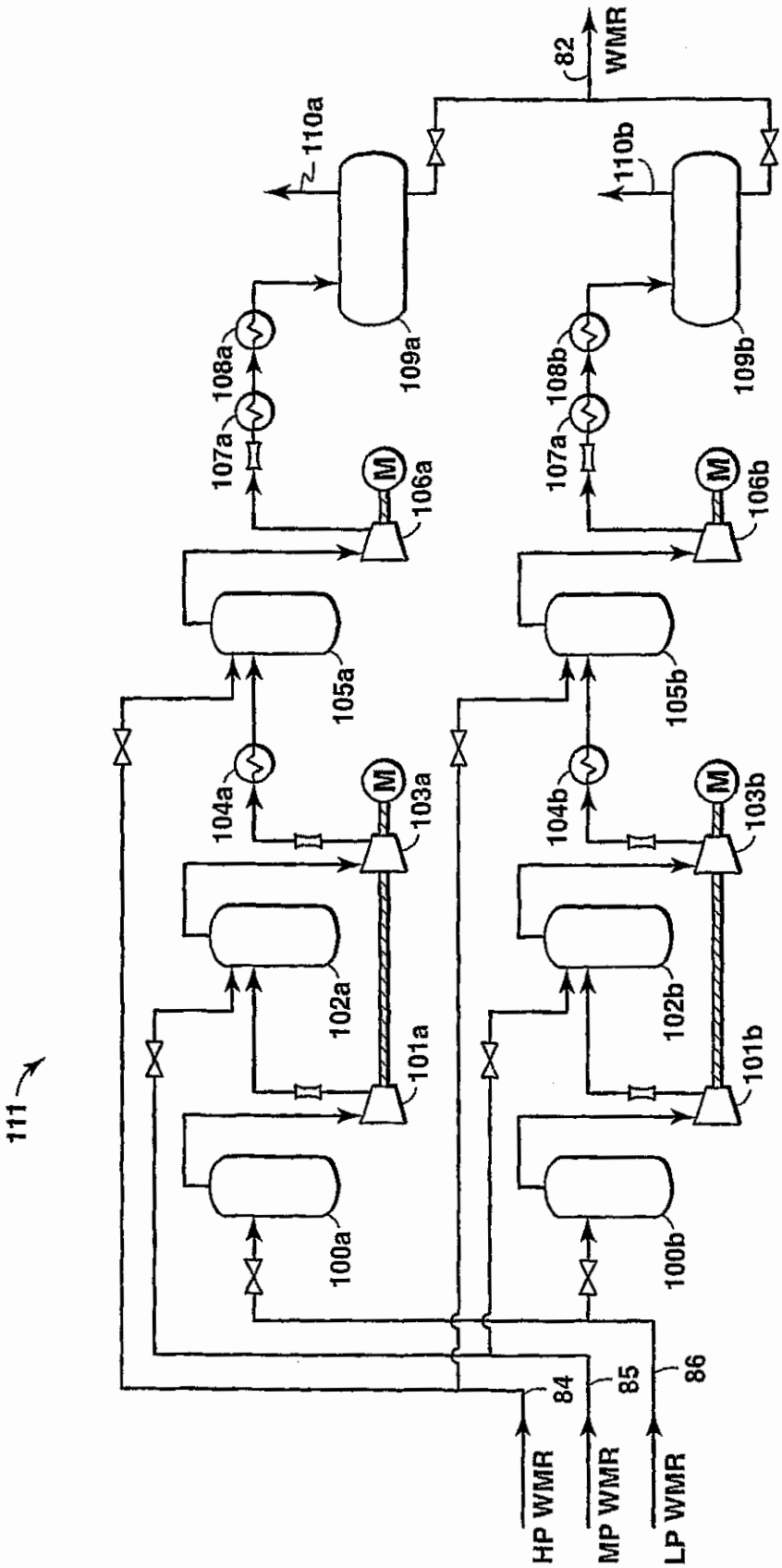

111
HP WMR
MP WMR
LP WMR
84
85
86
82
WMR
100a
100b
101a
101b
102a
102b
103a
103b
104a
104b
105a
105b
106a
106b
107a
107a
108a
108b
109a
109b
110a
110b
M

FIG. 6A

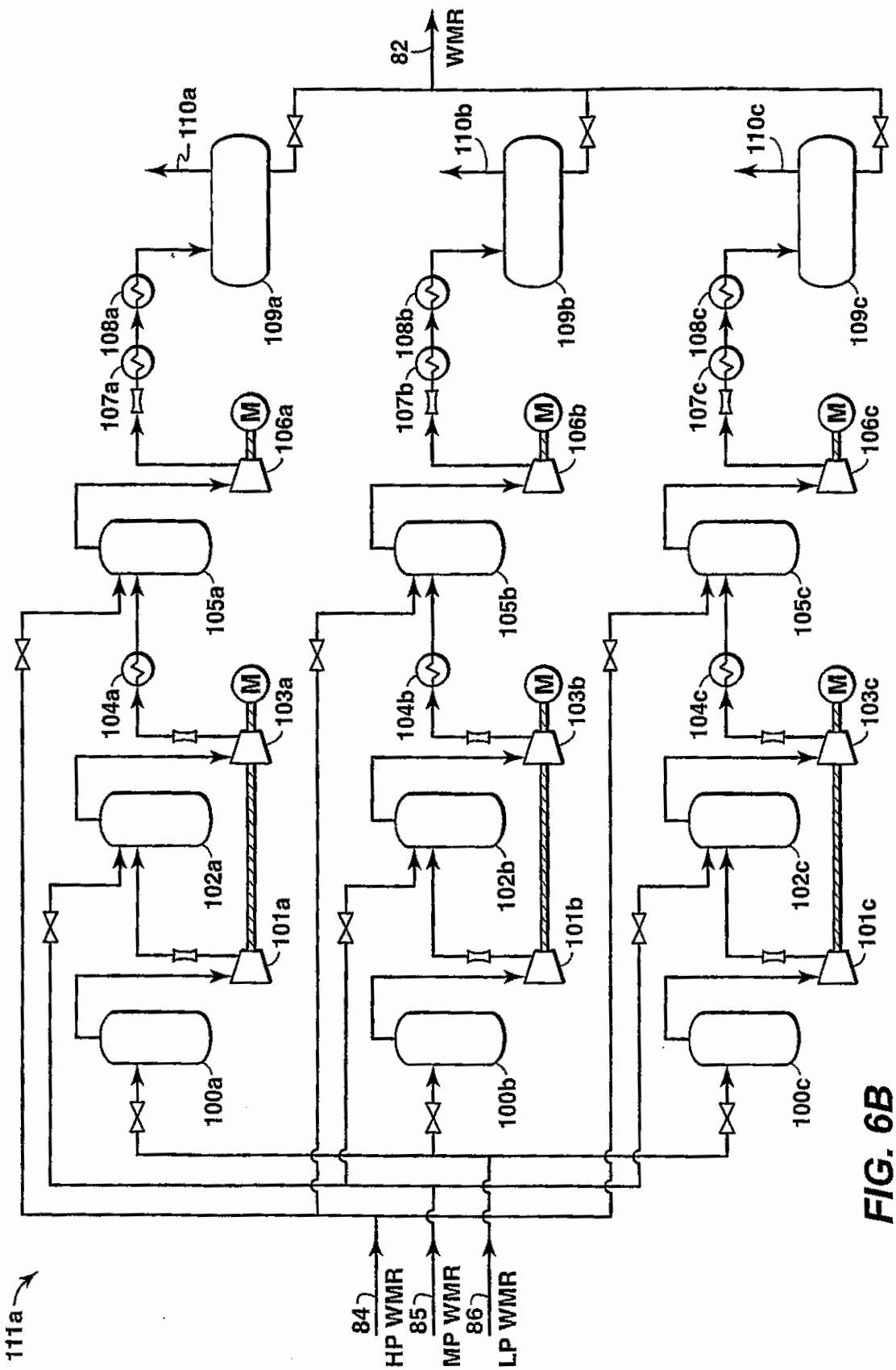

111a
84
HP WMR
85
MP WMR
86
LP WMR
82
WMR
100a
100b
100c
101a
101b
101c
102a
102b
102c
103a
103b
103c
104a
104b
104c
105a
105b
105c
106a
106b
106c
107a
107b
107c
108a
108b
108c
109a
109b
109c
110a
110b
110c

FIG. 6B

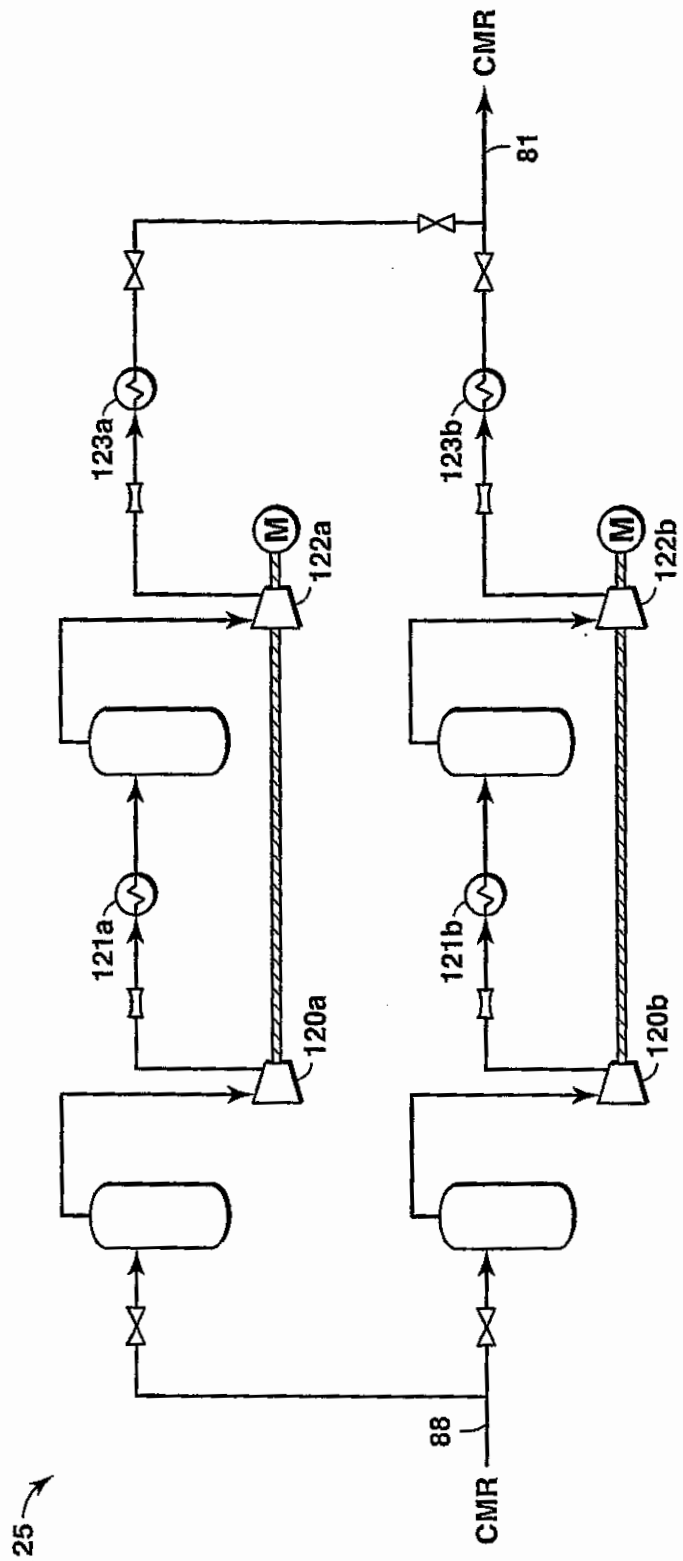


FIG. 7A

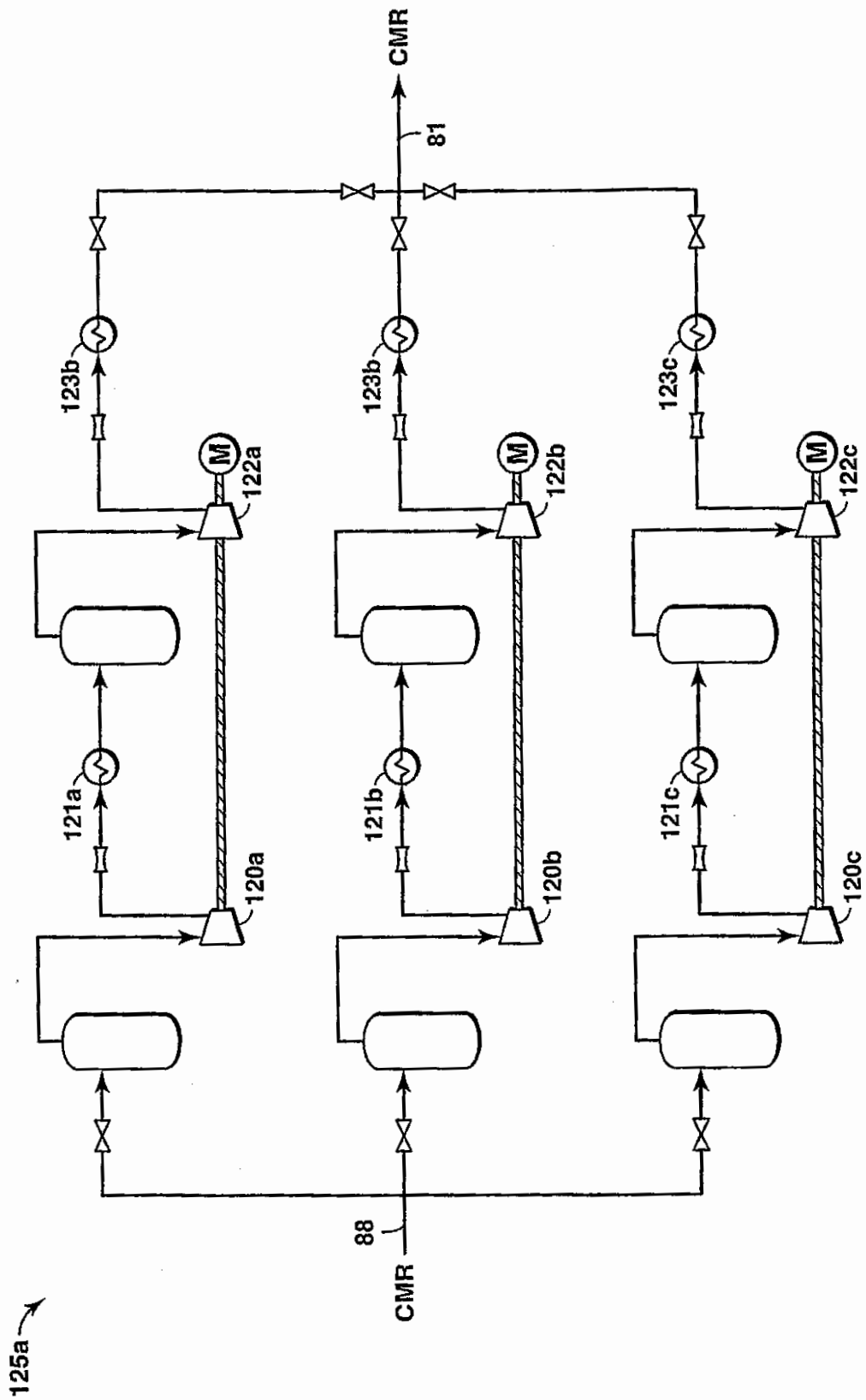

CMR
81
123b
123b
123c
M
122a
M
122b
M
122c
121a
121b
121c
120a
120b
120c
88
CMR
125a

FIG. 7B

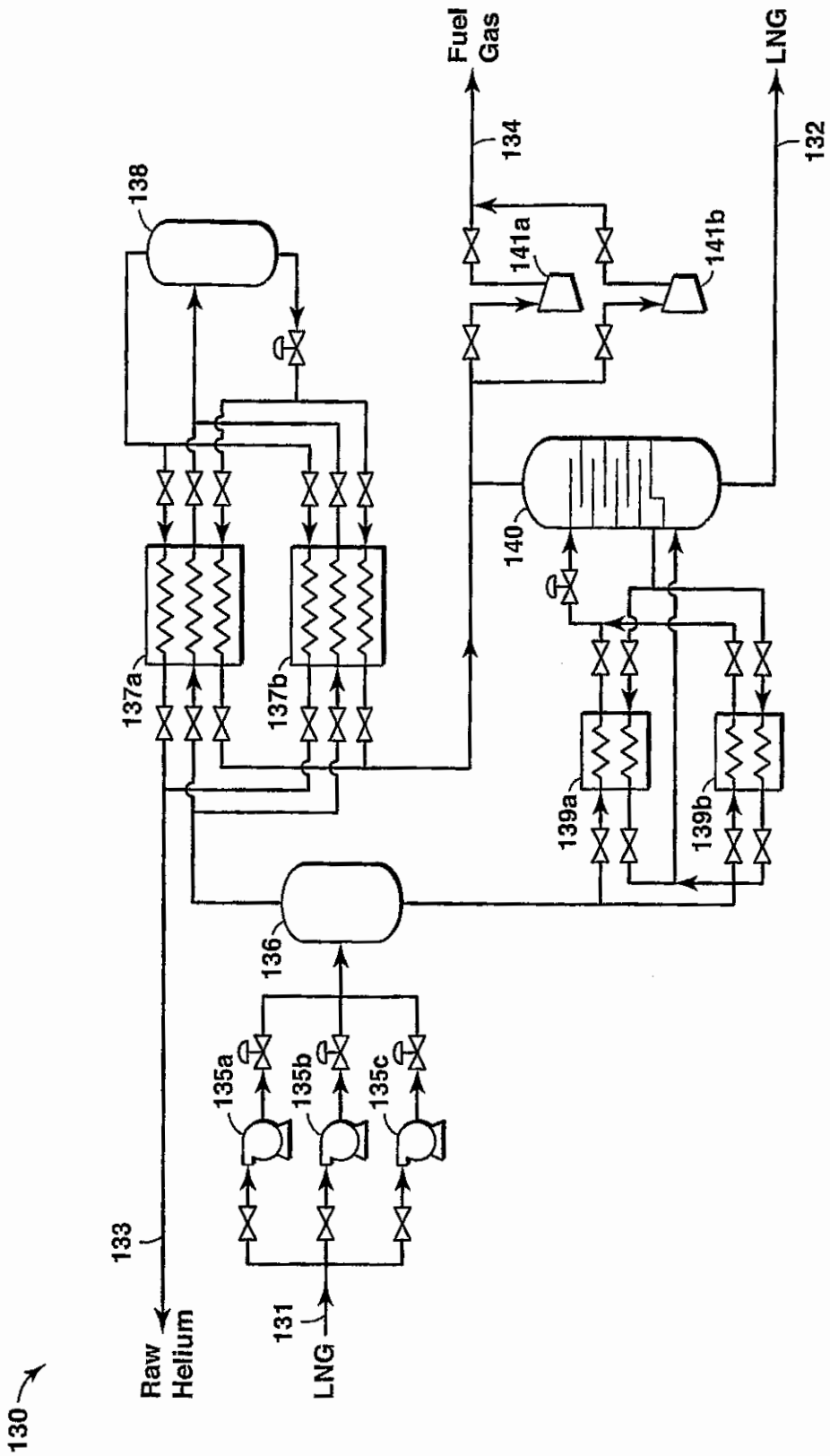

Fuel Gas
LNG
134
132
138
141a
141b
140
137a
137b
139a
139b
136
135a
135b
135c
133
Raw Helium
131
LNG
130

FIG. 8