

FIG. 1A

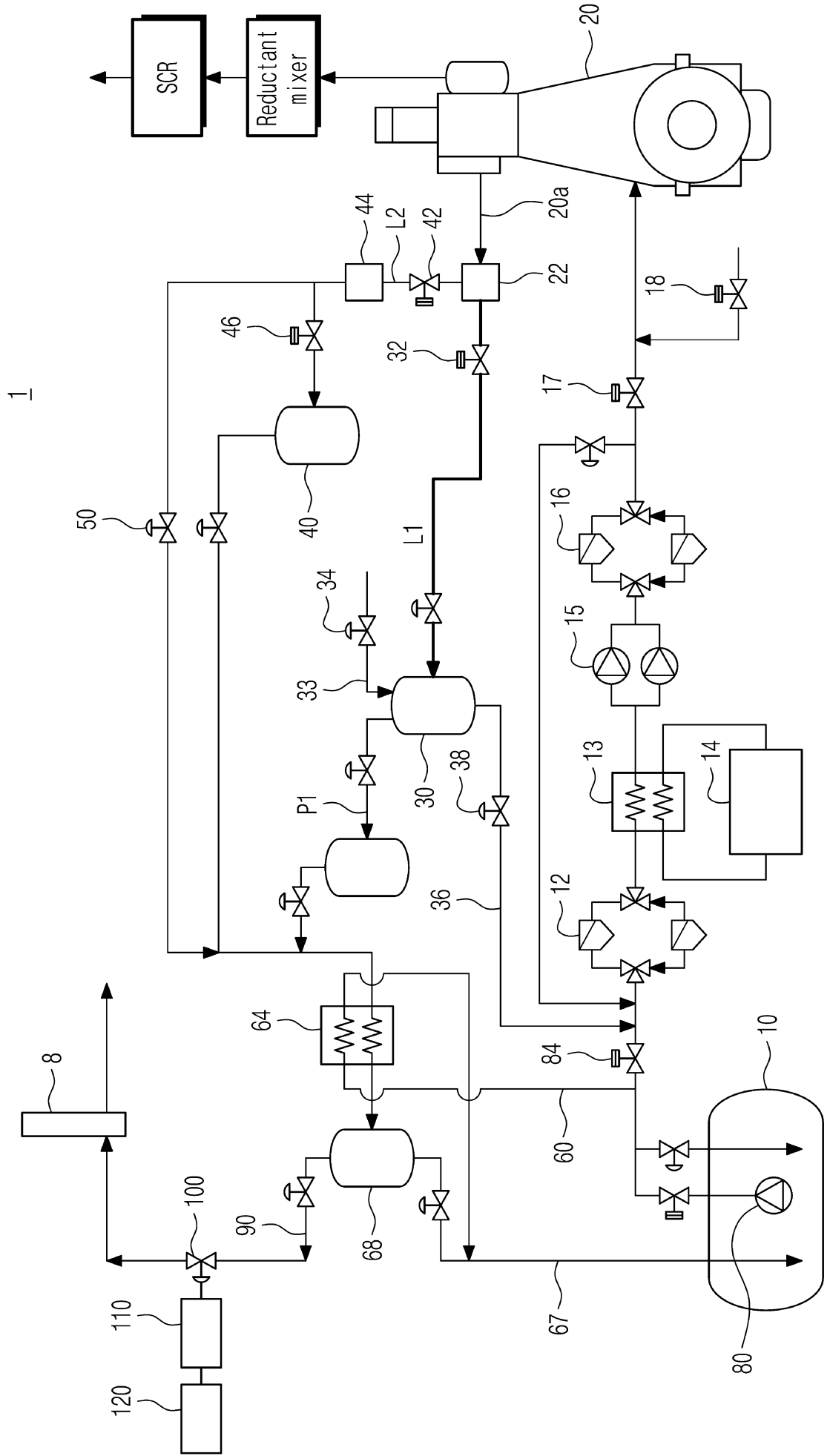


FIG. 1B

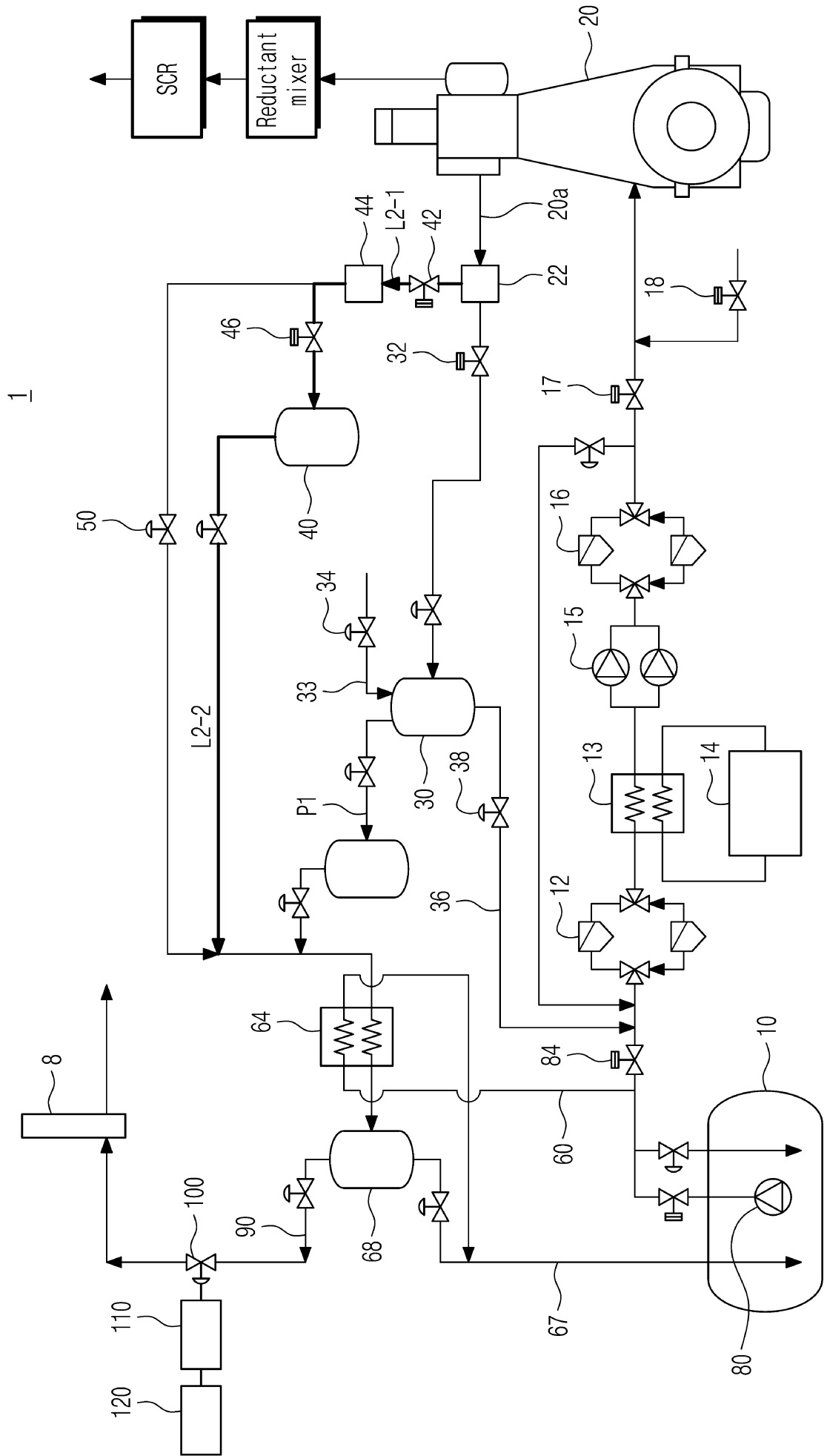


FIG. 1C

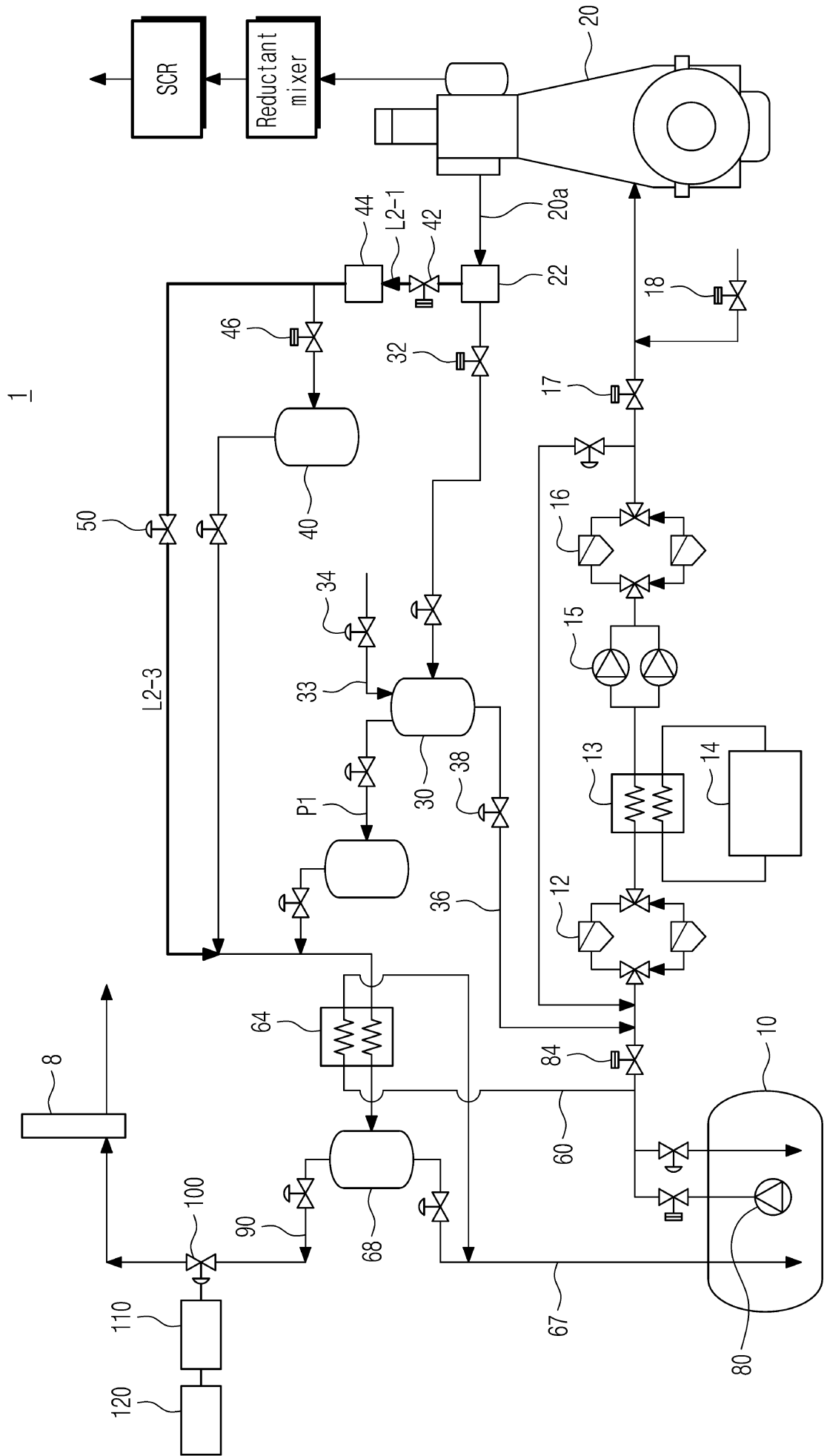


FIG. 1D

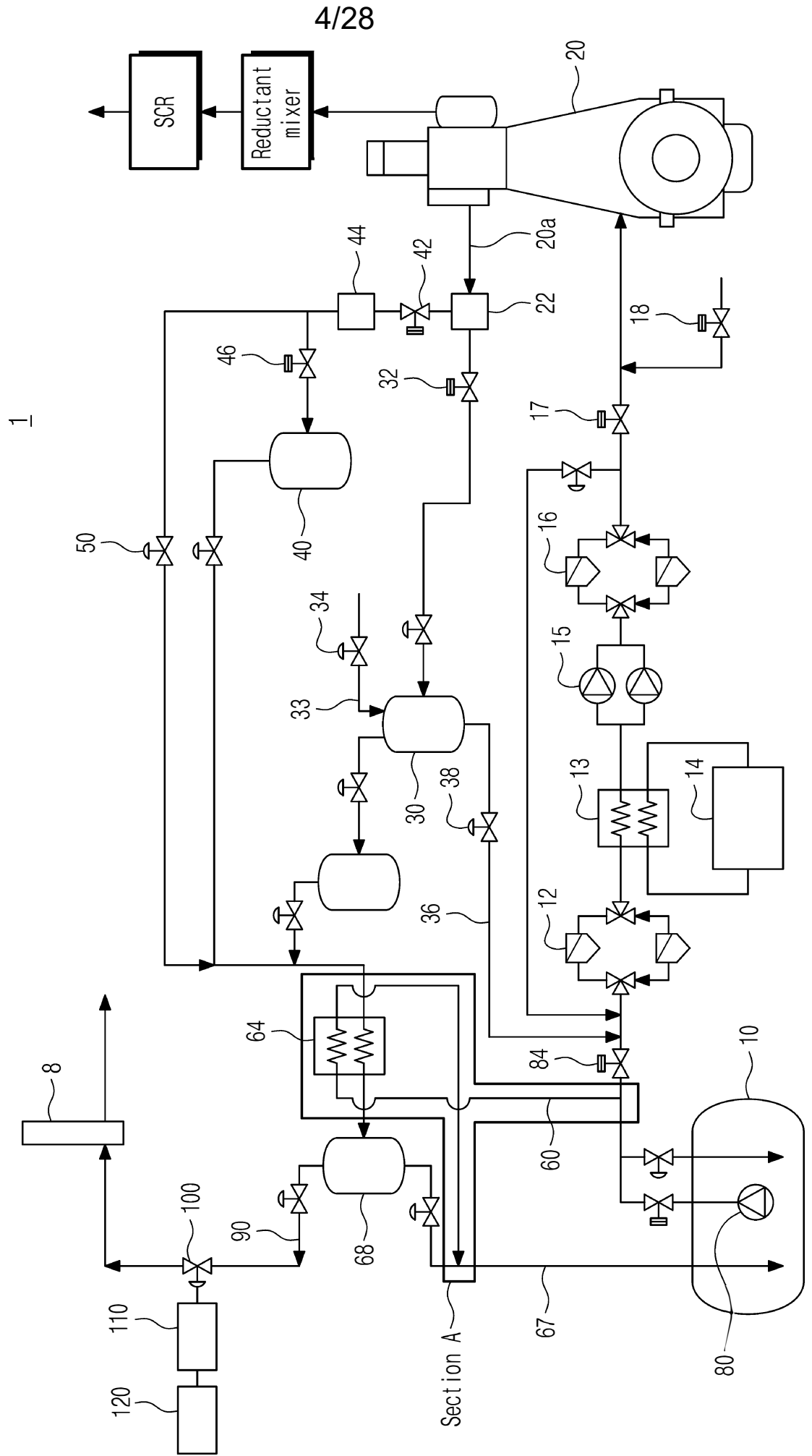


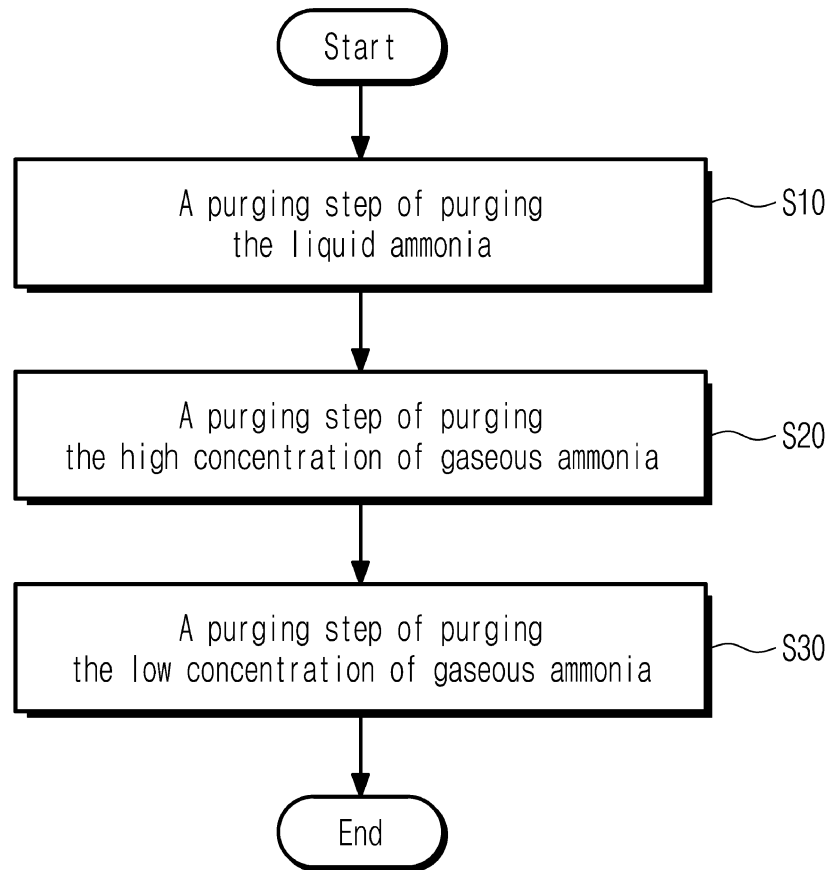
FIG. 2

FIG. 3A

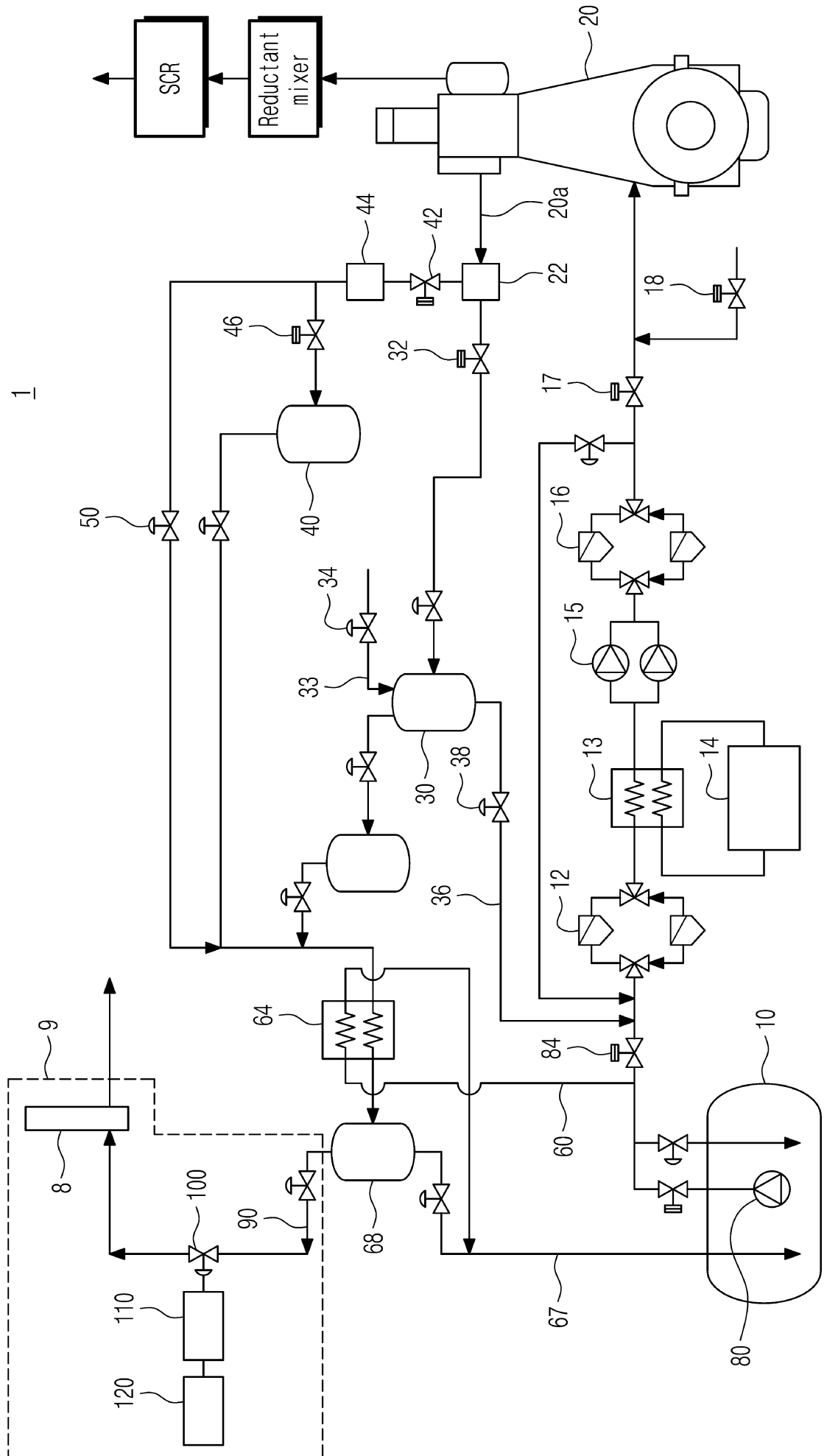


FIG. 3B

Measured wind speed(v) Emission concentration of ammonia	$0 < v \leq 2.5\text{m/s}$ Low speed	$2.5\text{m/s} < v \leq 5\text{m/s}$ Medium speed	$5\text{m/s} < v \leq 10\text{m/s}$ High speed
Low concentration (e.g., general stop of the engine, such as when replacing the fuel)	1×0.25 (25% vent pipe opening)	1×0.5 (50% vent pipe opening)	Reference 1 (100% vent pipe opening)
Medium concentration (e.g., emergency stop of the engine due to an engine problem)	0.5×0.25 (12.5% vent pipe opening)	0.5×0.5 (25% vent pipe opening)	0.5 (50% vent pipe opening)
High concentration (e.g., emergency vent in a fire event)	Reference 1 (100% vent pipe opening)	Reference 1 (100% vent pipe opening)	Reference 1 (100% vent pipe opening)

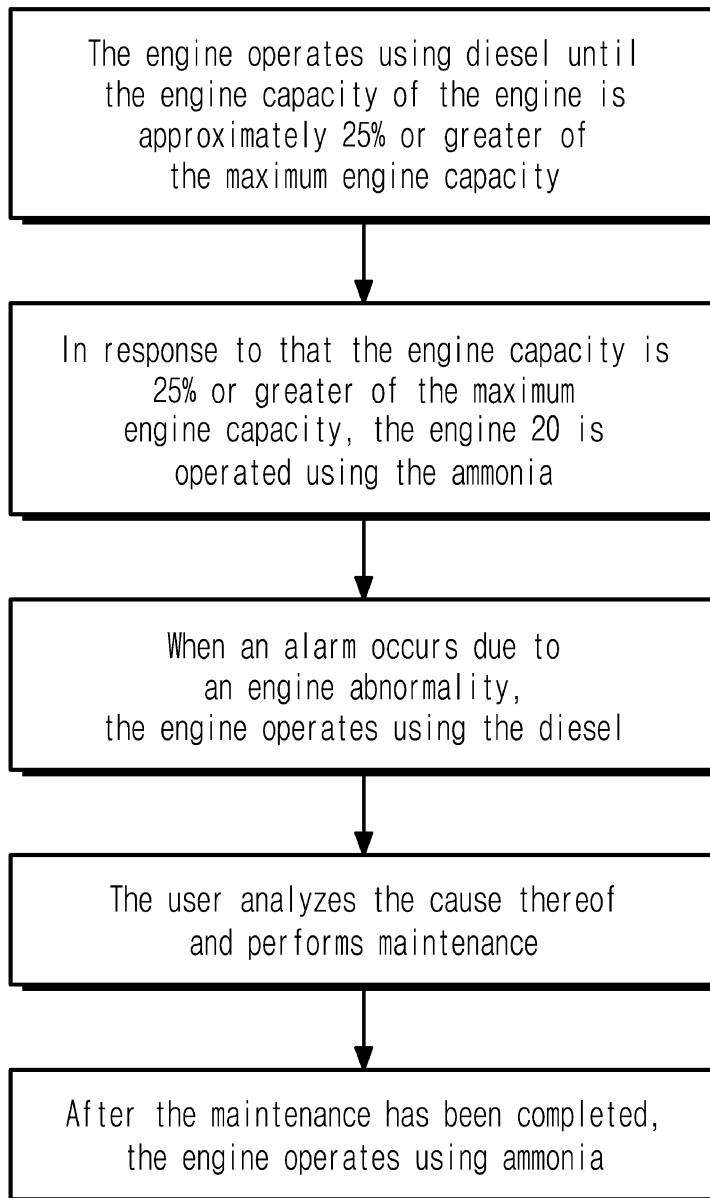
FIG. 4

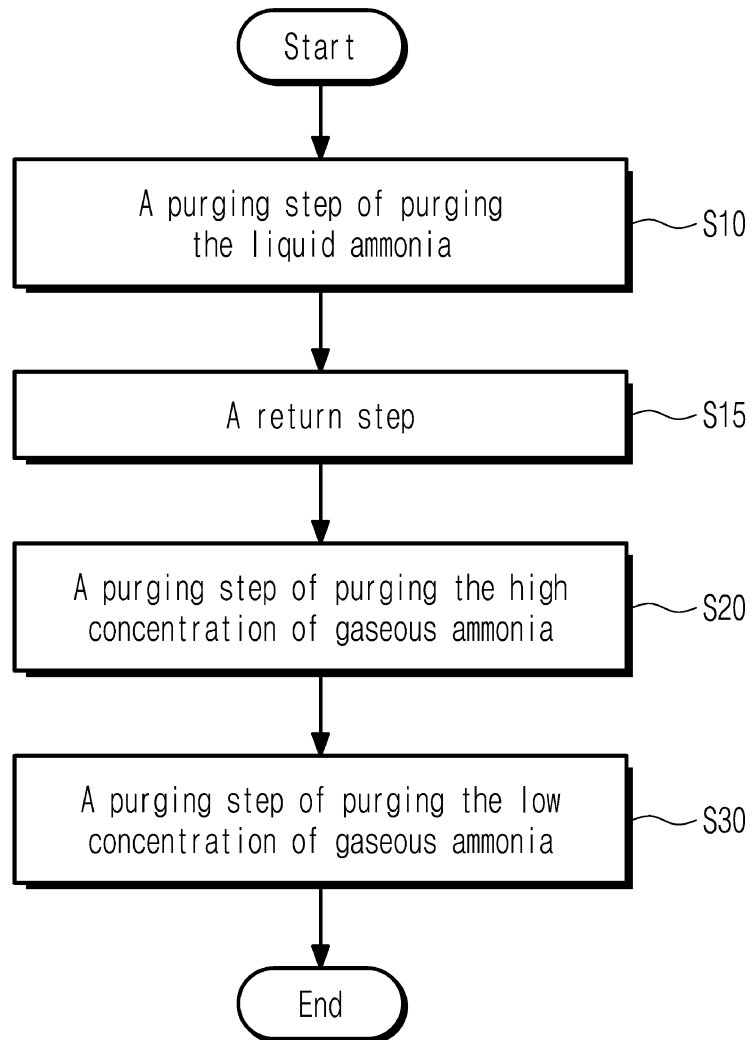
FIG. 6

FIG. 7

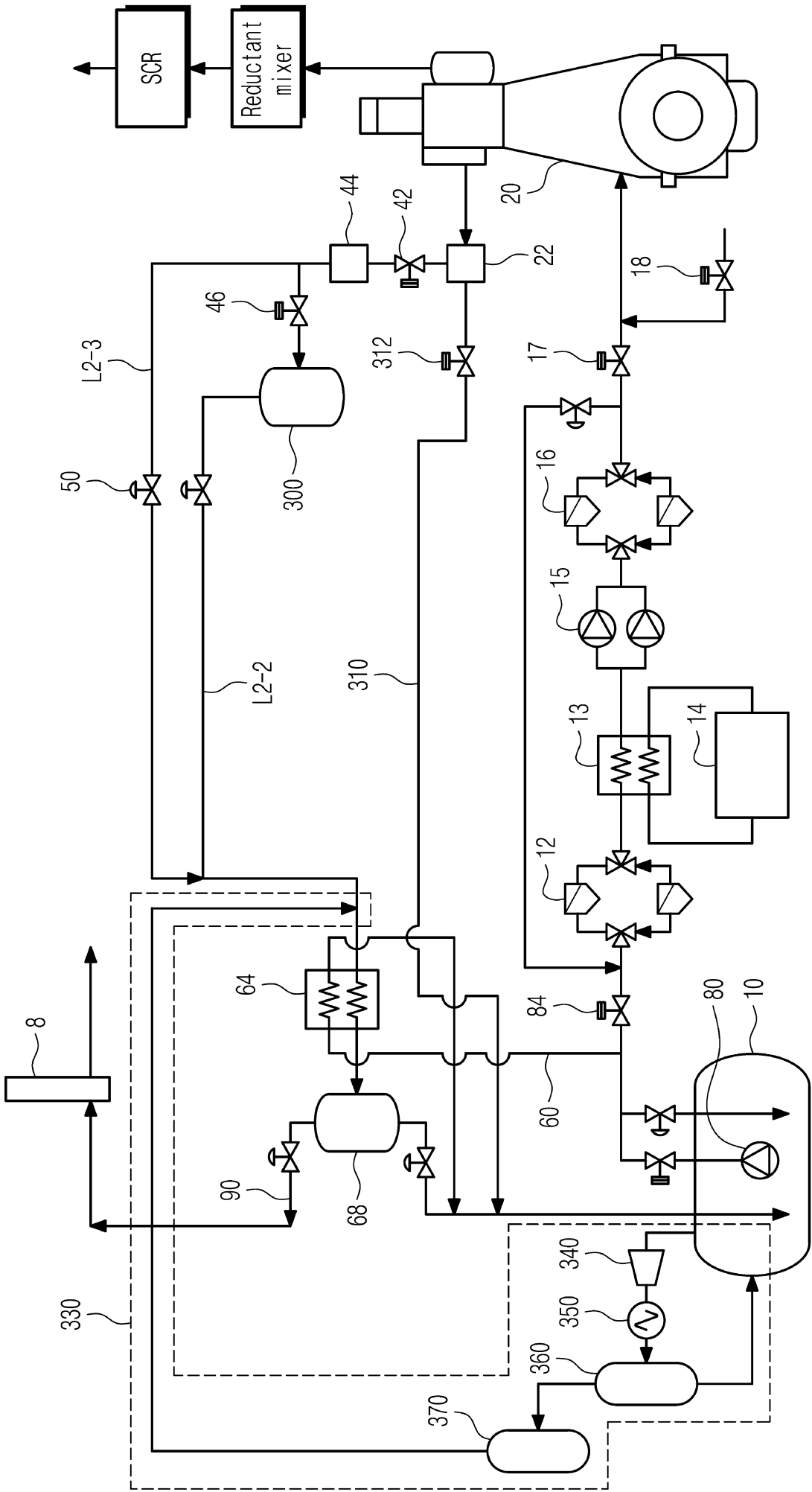


FIG. 8

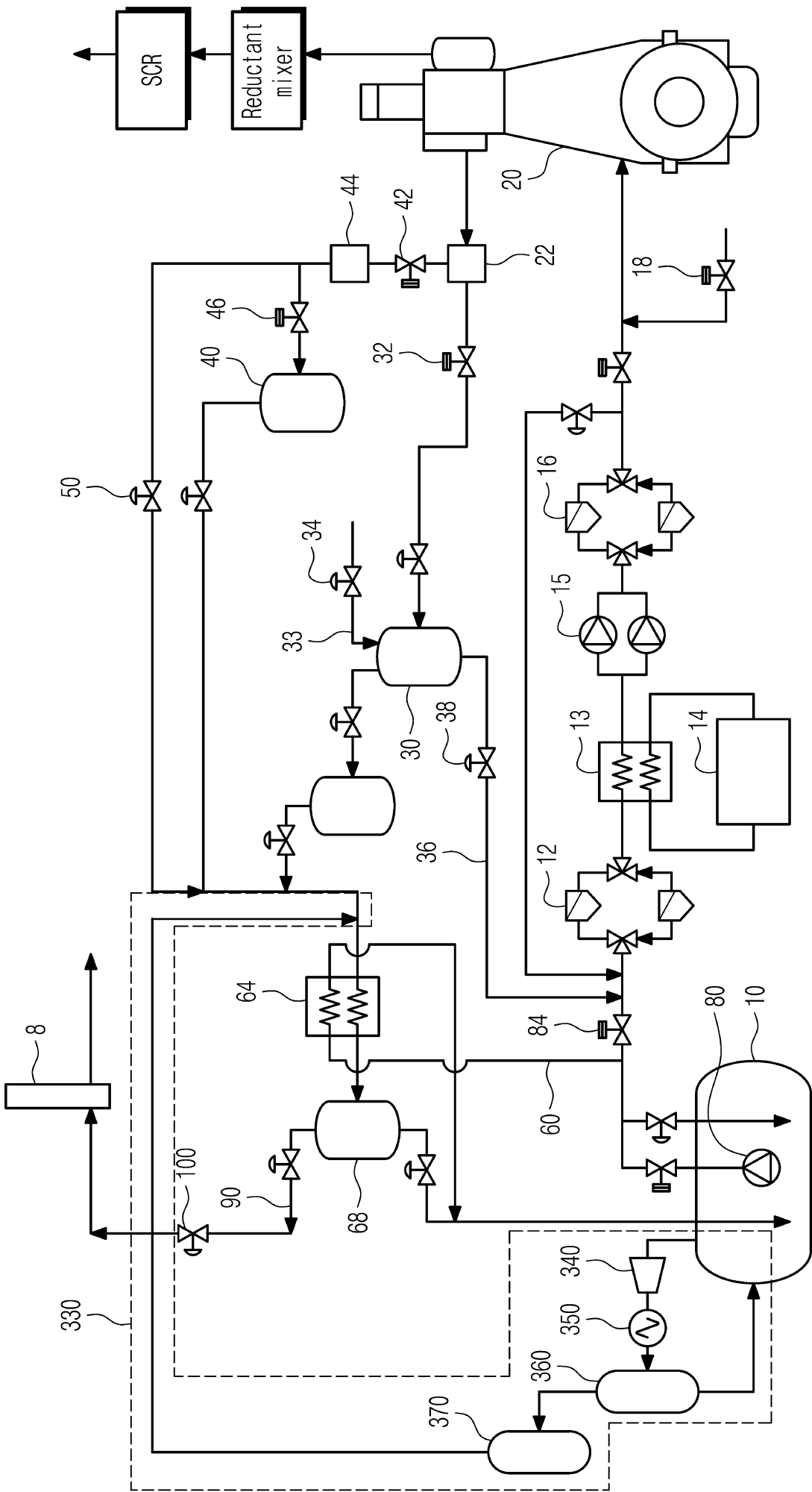


FIG. 9

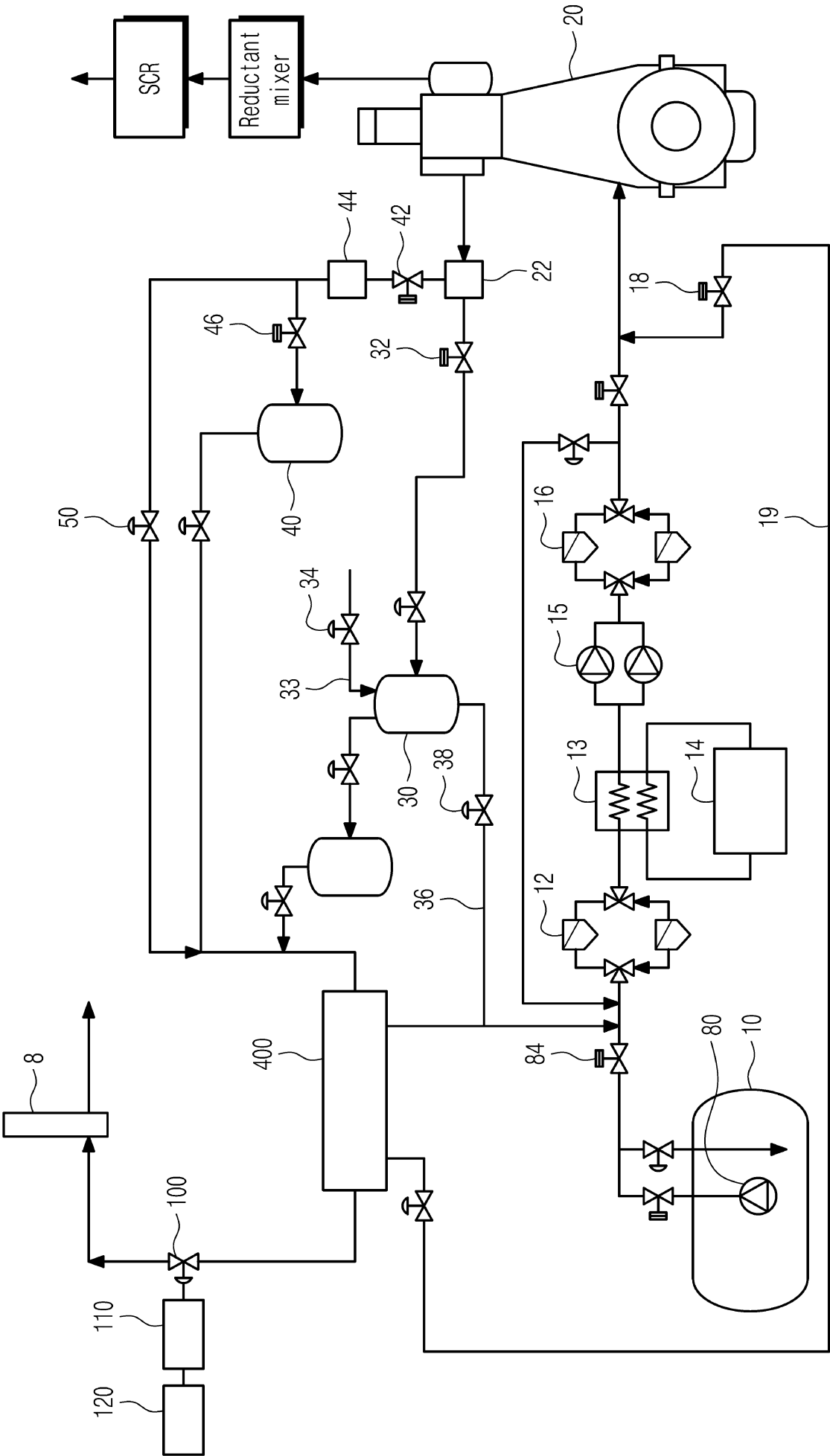


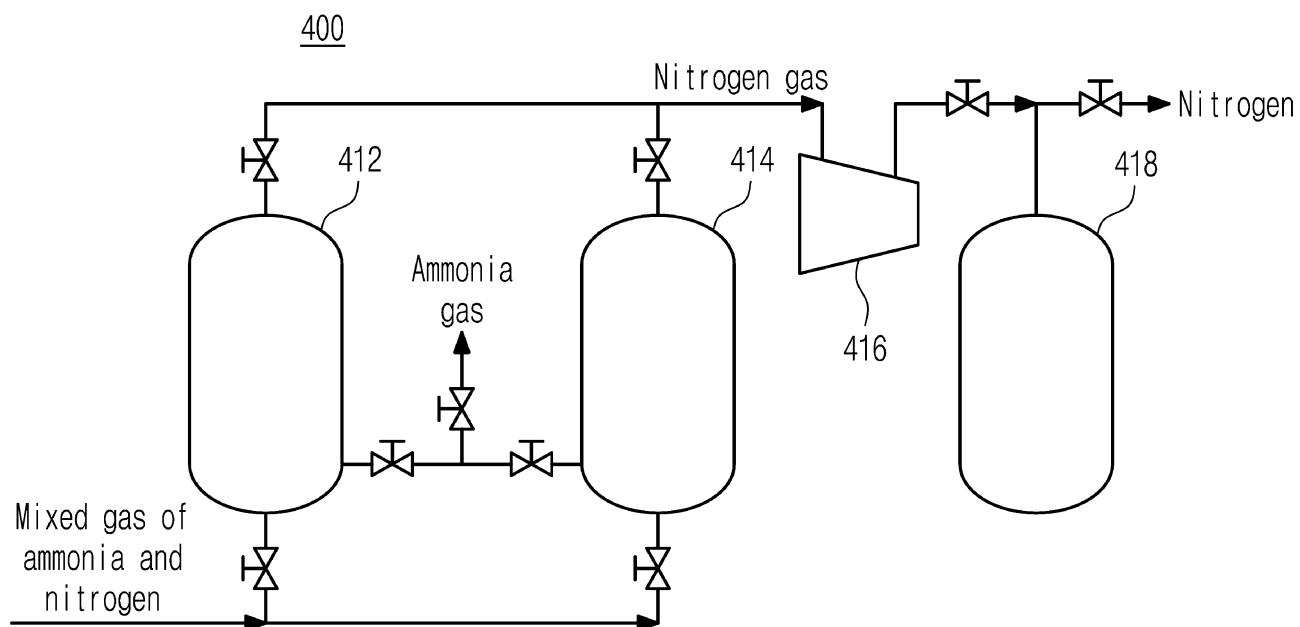
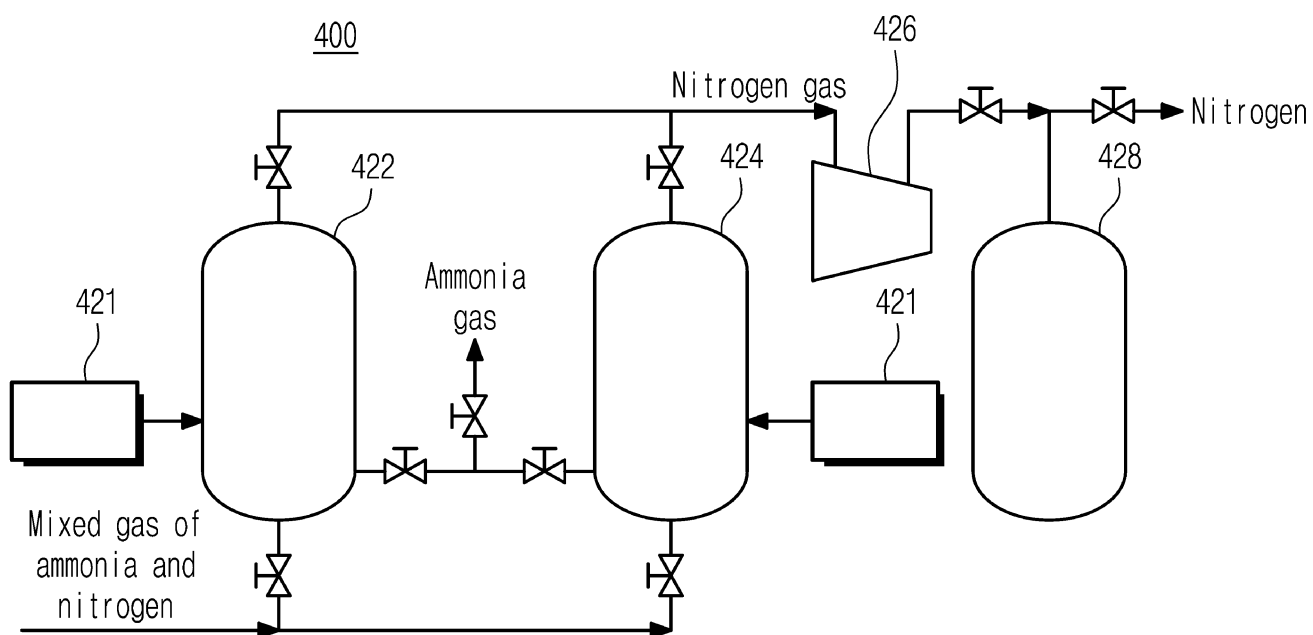
FIG. 10**FIG. 11**

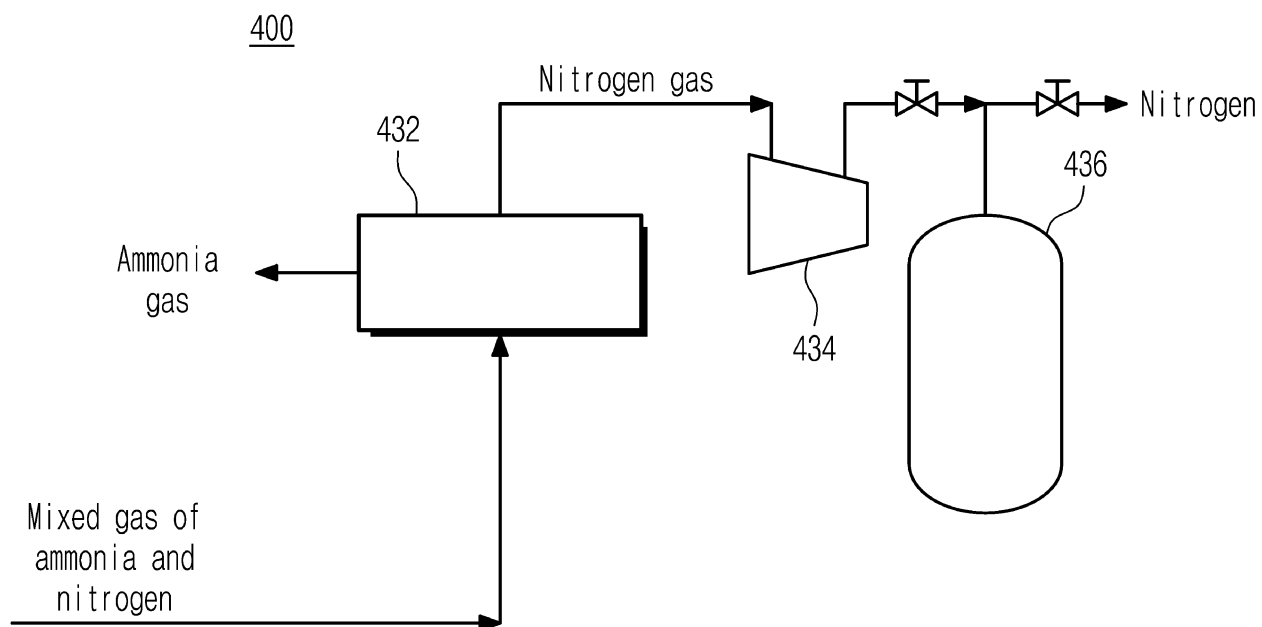
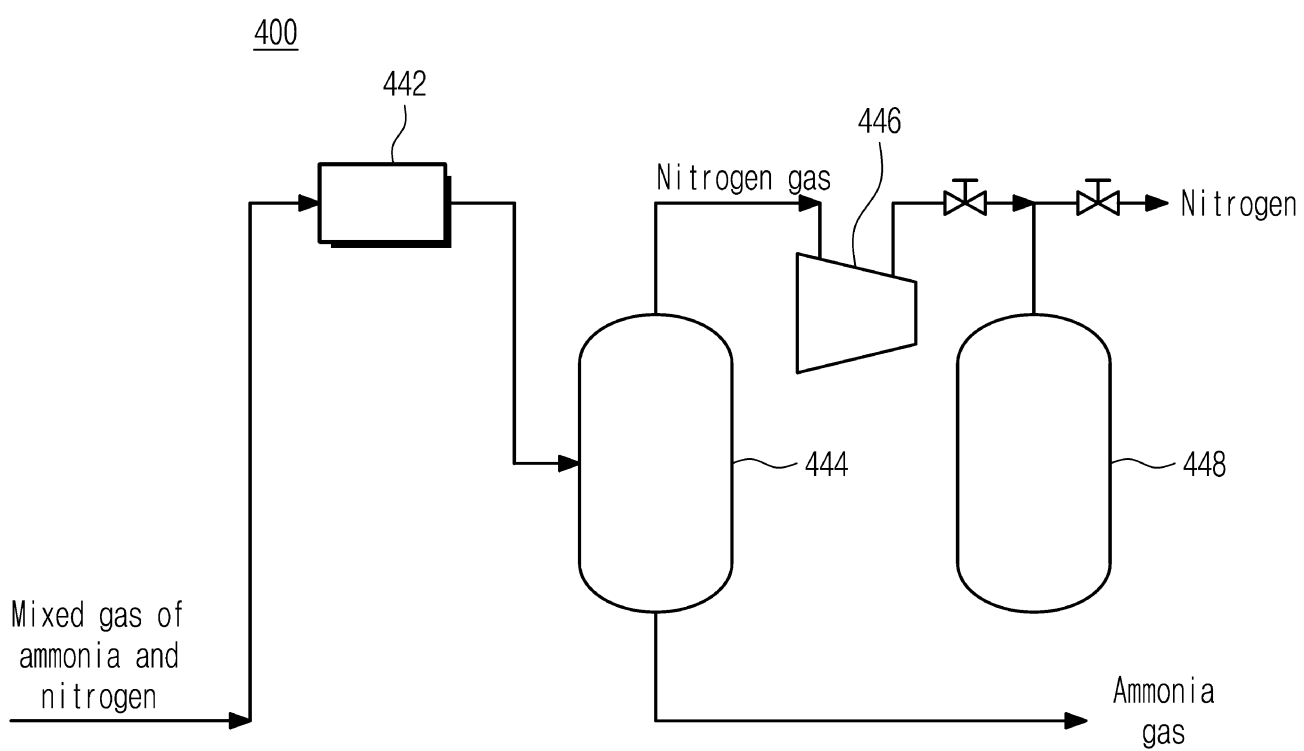
FIG. 12**FIG. 13**

FIG. 14

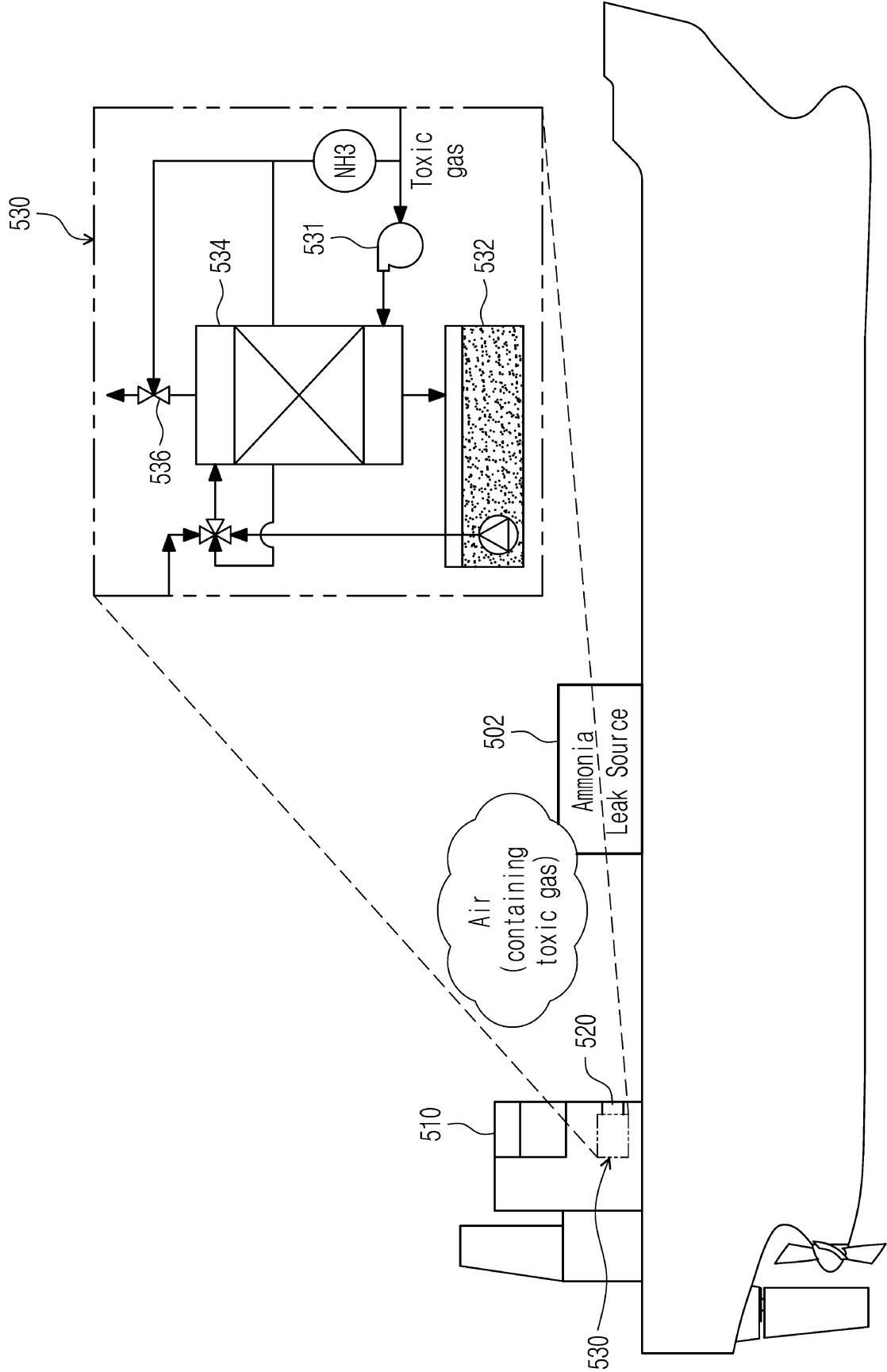


FIG. 15A

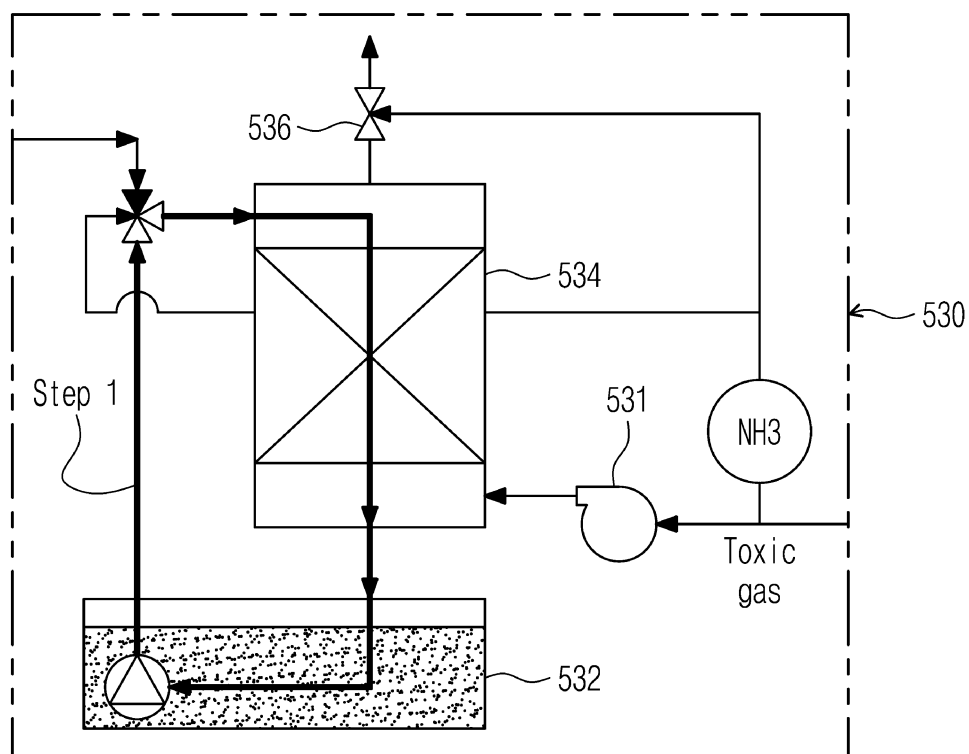


FIG. 15B

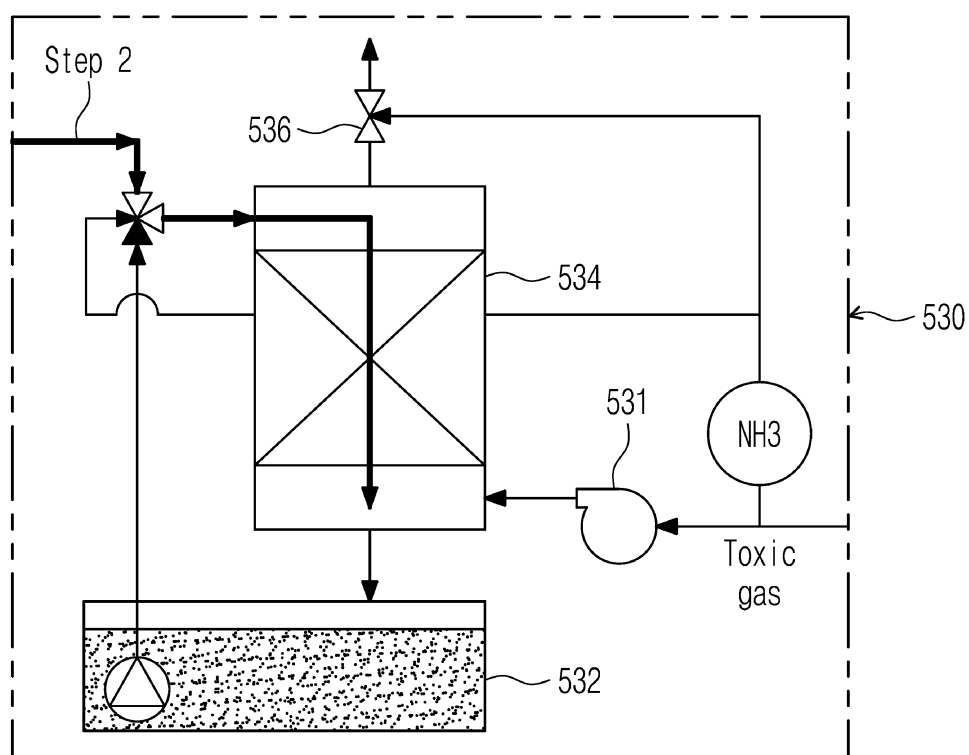


FIG. 15C

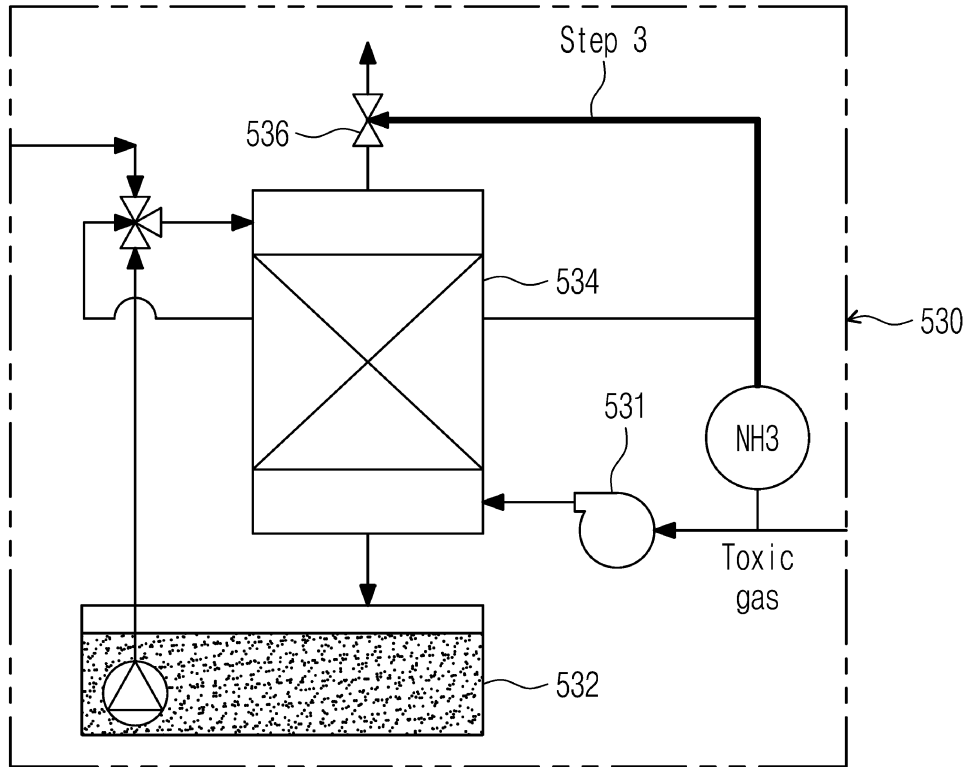


FIG. 16A

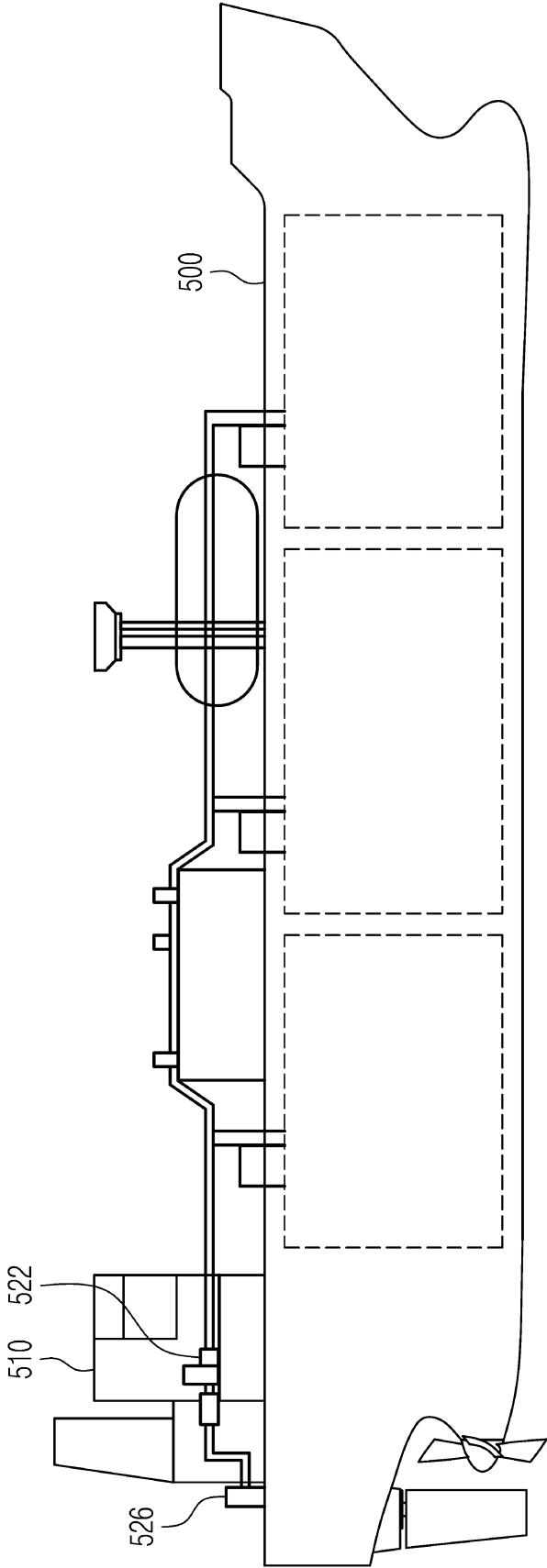


FIG. 16B

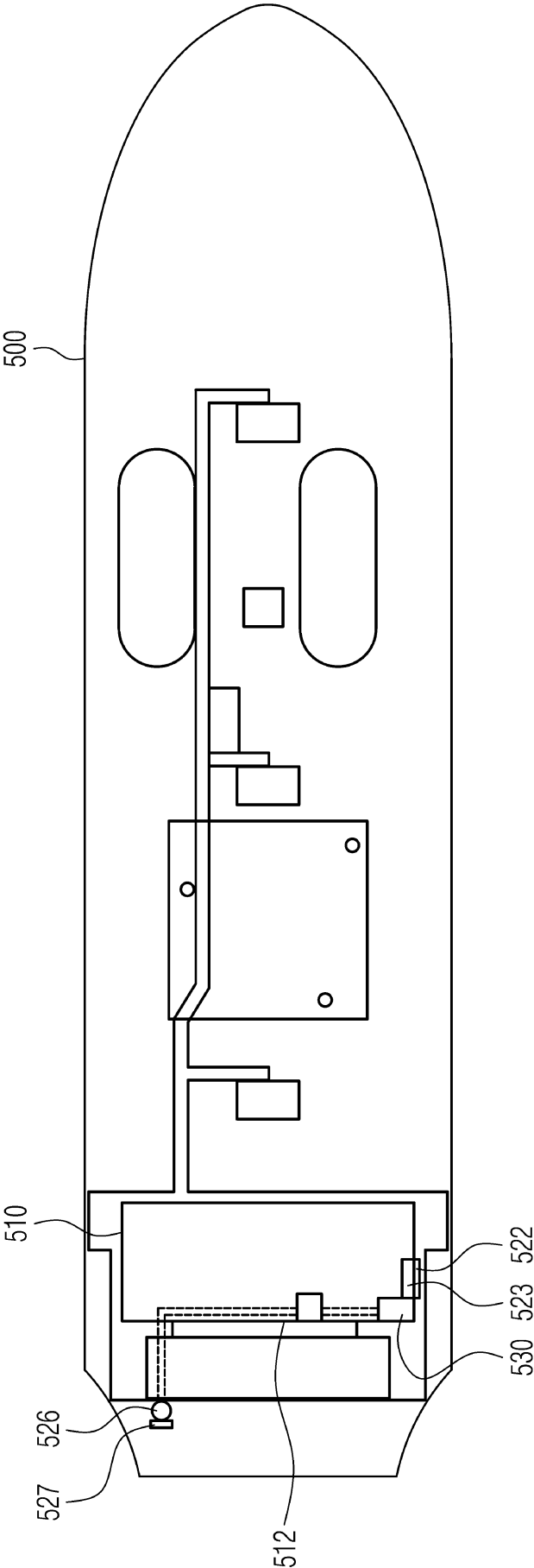


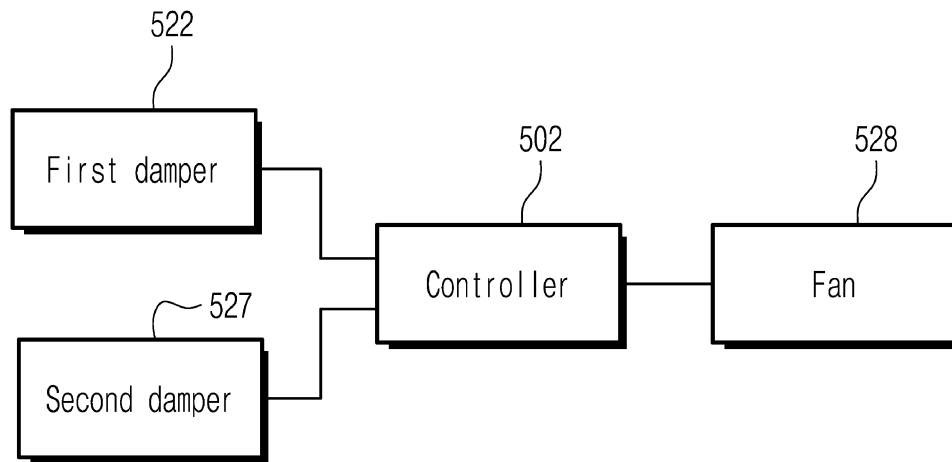
FIG. 17

FIG. 18

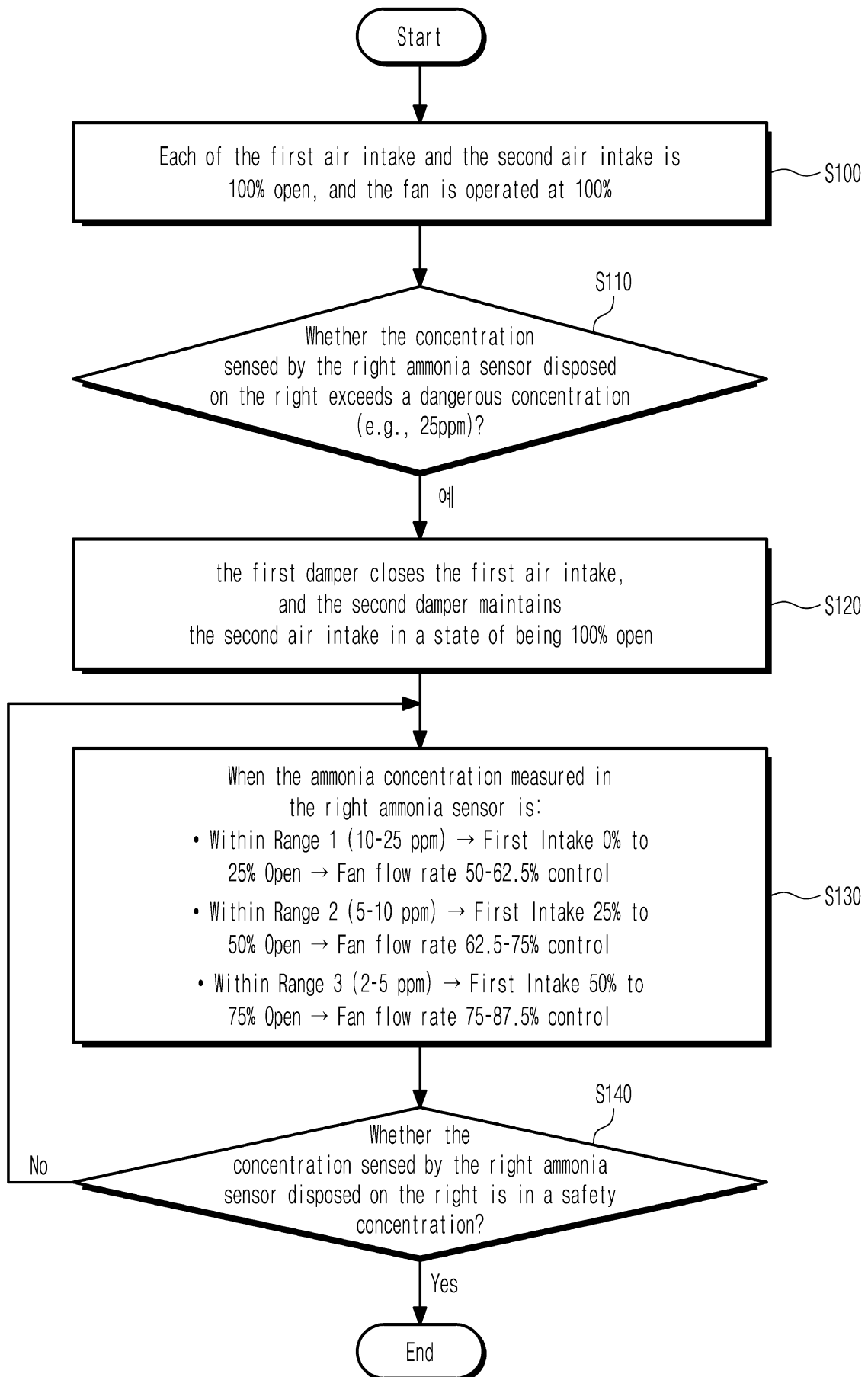


FIG. 19

Measured Ammonia Concentration Range	Opening Rate of Intake Where Ammonia is Measured	Fan Capacity
Range 1 (e.g.: $10\text{ppm} < x < 25\text{ppm}$)	0% to 25% First Intake Open	50% to 62.5% operating
Range 2 (e.g.: $5\text{ppm} < x < 10\text{ppm}$)	25% ~ 50% First Intake Open	62.5% to 75% operating
Range 3 (e.g.: $2\text{ppm} < x < 5\text{ppm}$)	50% ~ 70% First Intake Open	75% to 87.5% operating

FIG. 20

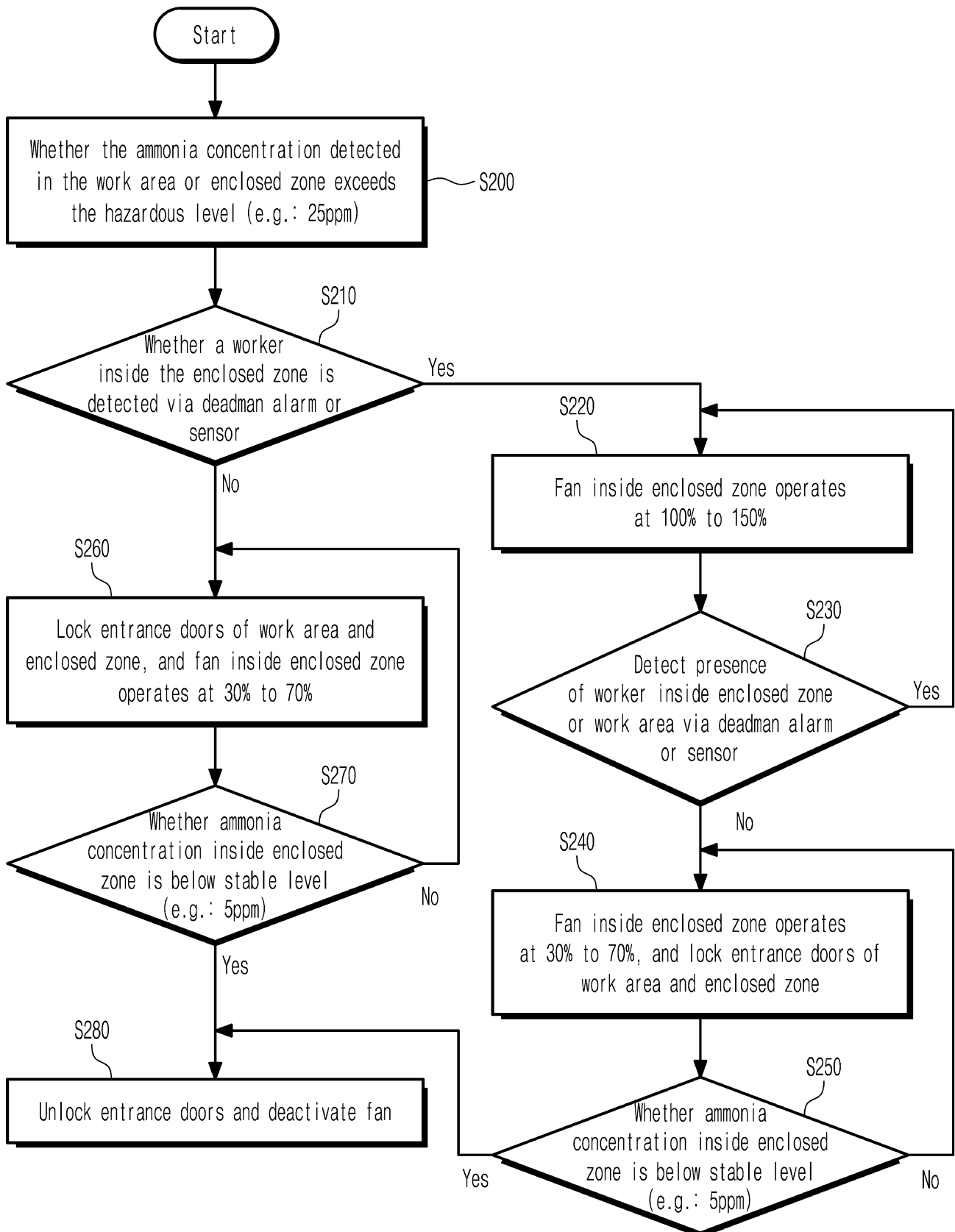


FIG. 21

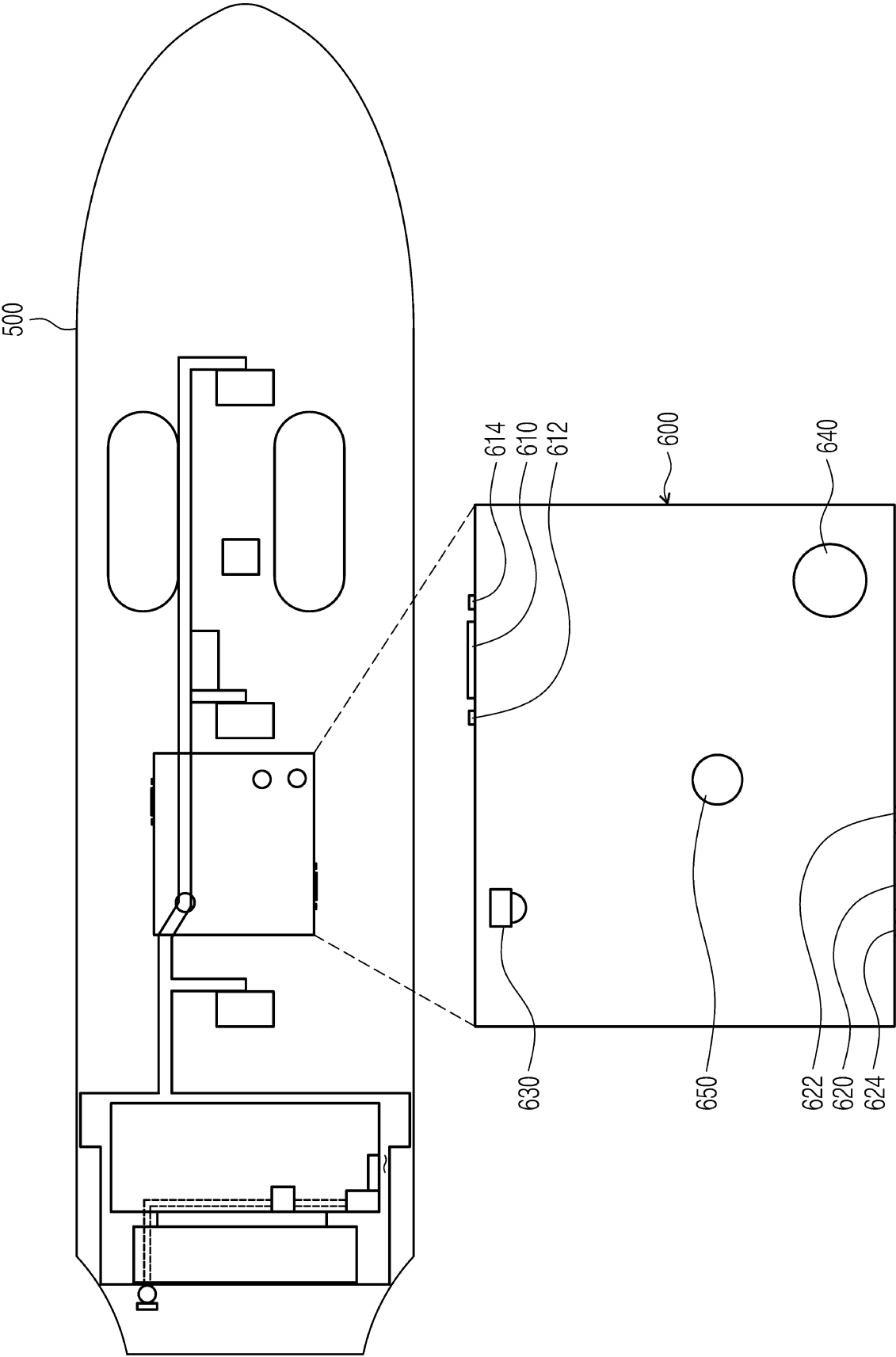


FIG. 22

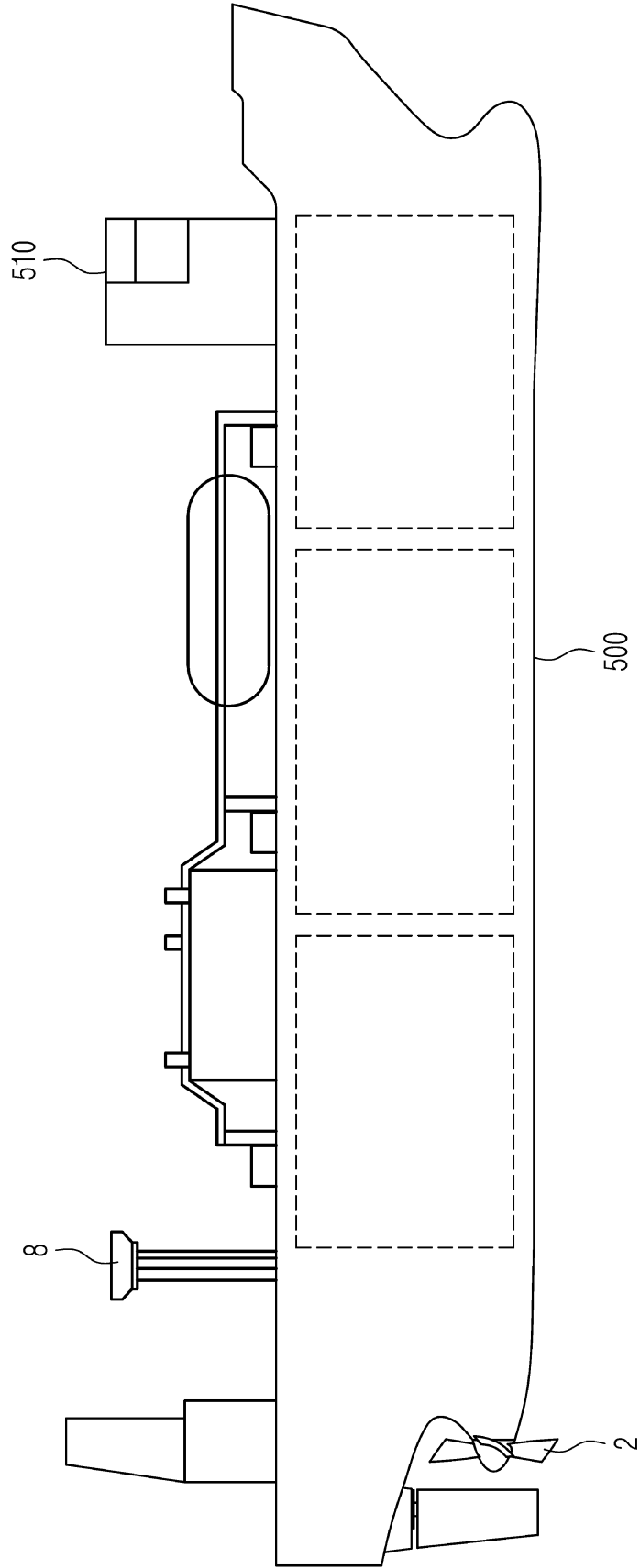


FIG. 23A

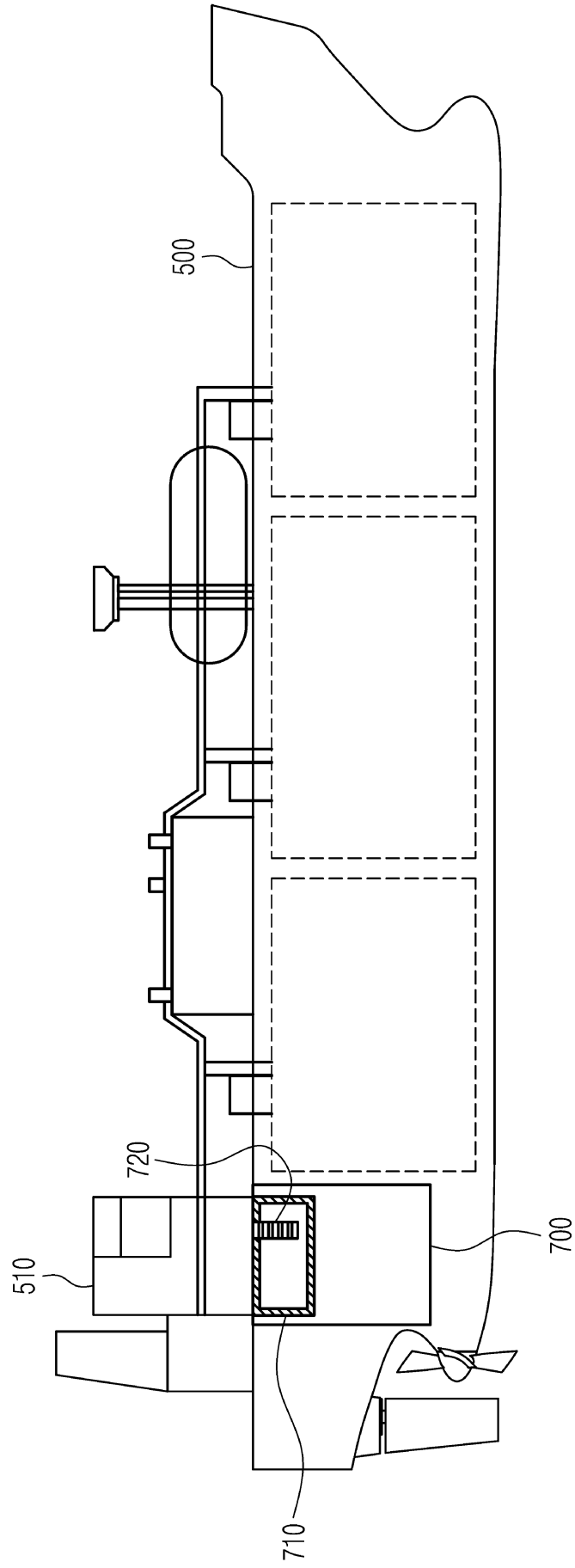


FIG. 23B

