

Fig. 1

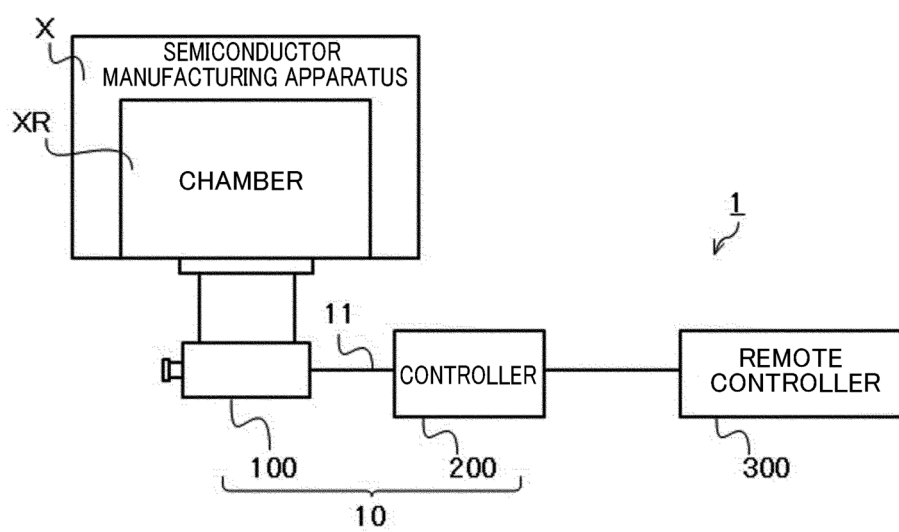


Fig. 2

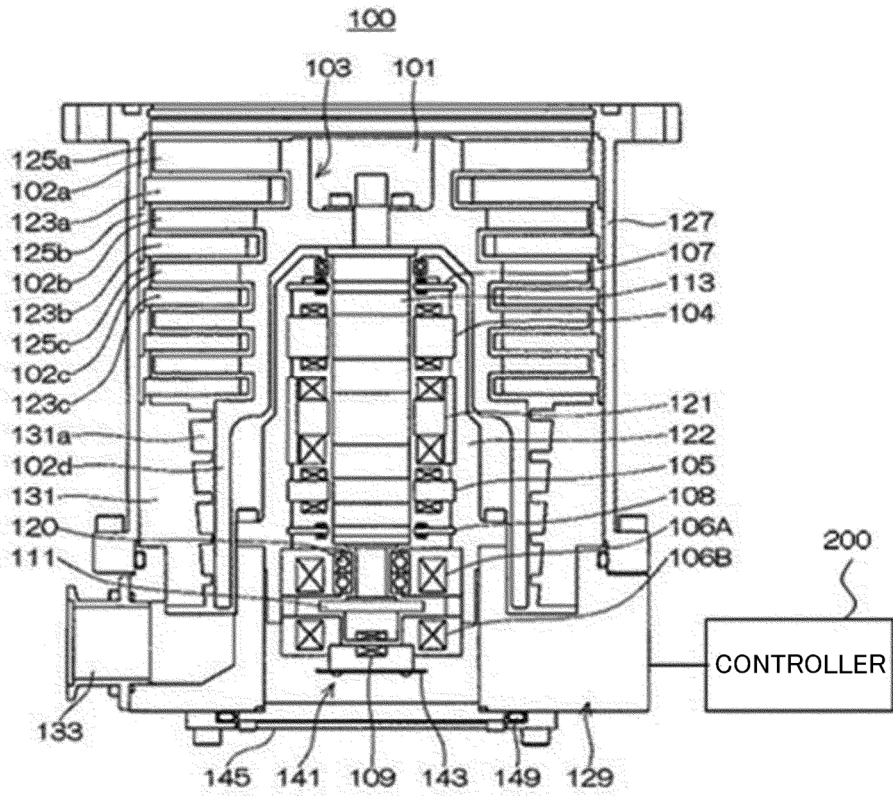


Fig. 3

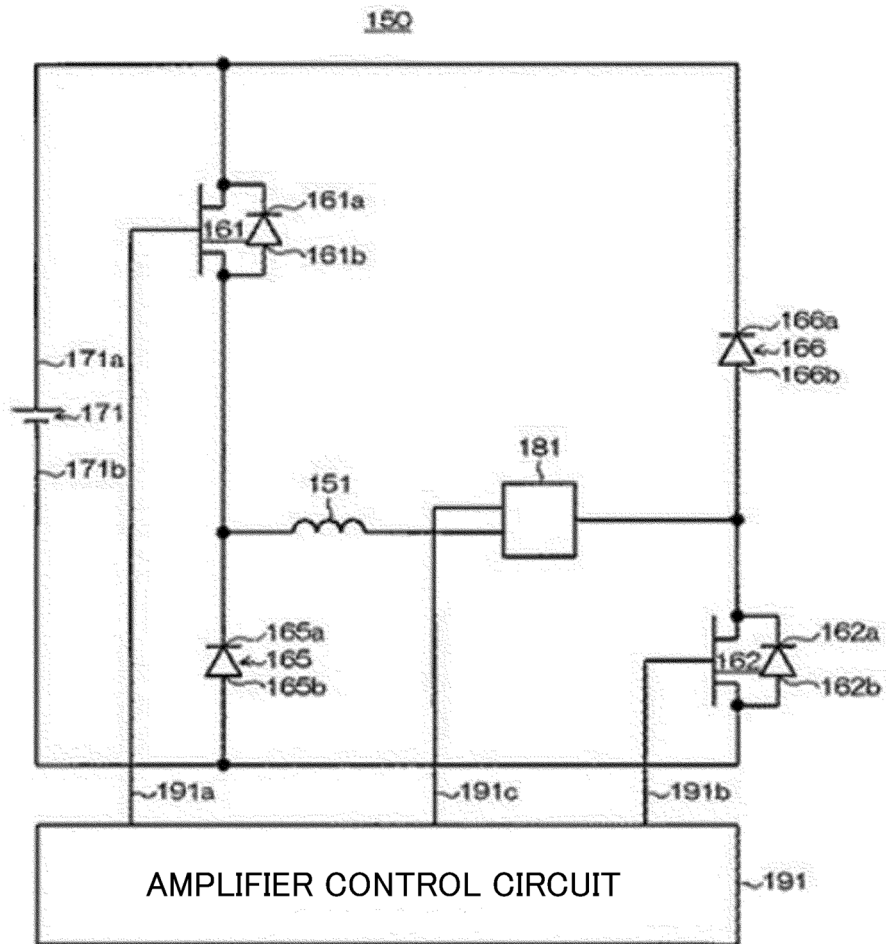


Fig. 4

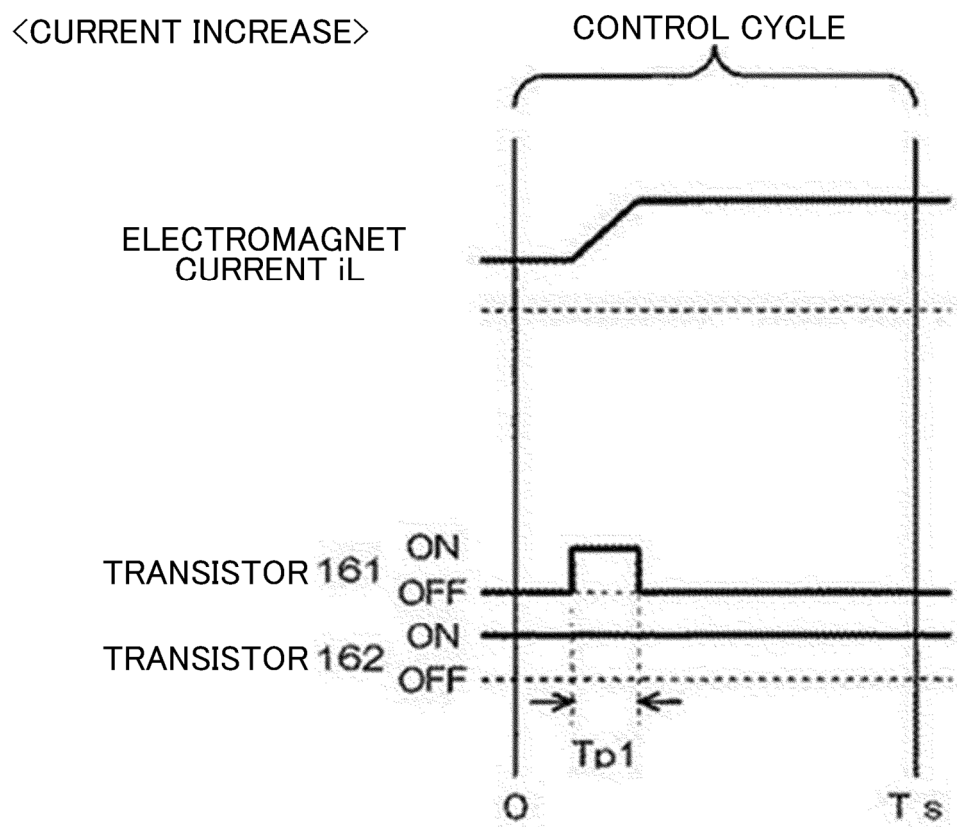


Fig. 5

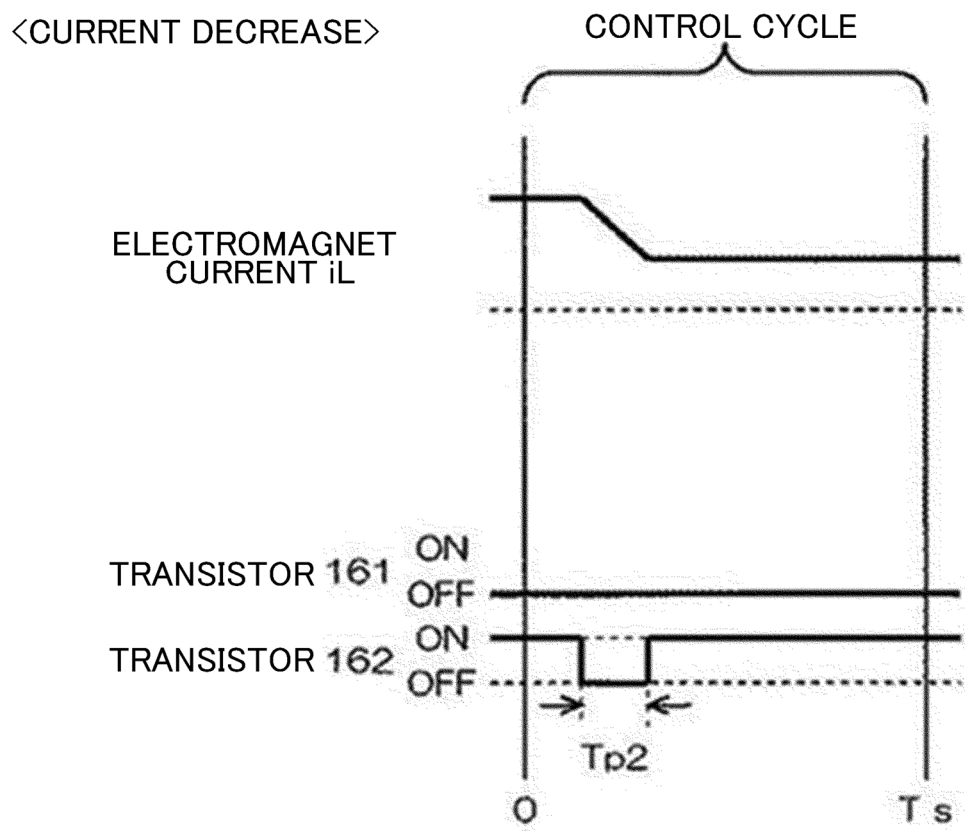


Fig. 6

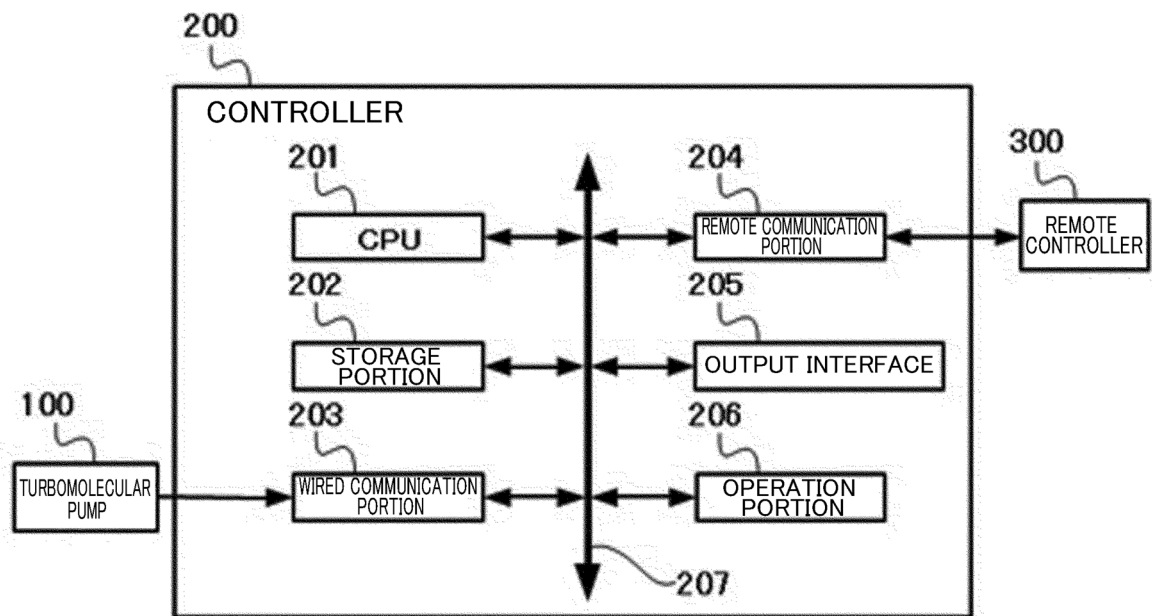


Fig. 7

SETTING OF TURBOMOLECULAR PUMP OPERATING STATE		SPECIFICATION 1	SPECIFICATION 2	SPECIFICATION 3	SPECIFICATION 4
RATED ROTATIONAL SPEED SETTING [rpm]		$\omega 1$	$\omega 2$	$\omega 3$	$\omega 4$
TMS SET TEMPERATURE [°C]		NOT SET	T2	T3	T4
EXHAUST SPEED [L/s]	N2	STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
	Ar	STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
	H2	STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
COMPRESSION RATIO	N2	STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
	H2	STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
ULTIMATE PRESSURE [Pa]		STANDARD	EQUIVALENT TO SPECIFICATION 1	EQUIVALENT TO SPECIFICATION 1	LOWER THAN SPECIFICATION 1
PERMISSIBLE FLOW RATE [SCCM]	N2	STANDARD	LOWER THAN SPECIFICATION 1	LOWER THAN SPECIFICATION 2	LOWER THAN SPECIFICATION 2 AND HIGHER THAN SPECIFICATION 3
	Ar	STANDARD	LOWER THAN SPECIFICATION 1	LOWER THAN SPECIFICATION 2	LOWER THAN SPECIFICATION 2 AND HIGHER THAN SPECIFICATION 3
PUMP INTERNAL TEMPERATURE (GAS FLOW PASSAGE) [°C]		TP1	TP2	TP3	TP4
CONTROL MODE OF TMS CONTROL		NO TMS CONTROL (CONTINUOUS WATER COOLING)	TMS STANDARD MODE	TMS FIRST SPECIAL MODE	TMS SECOND SPECIAL MODE

- MAGNITUDE RELATIONSHIP OF RATED ROTATIONAL SPEED : $\omega 1 = \omega 2 = \omega 3$, $\omega 4 < \omega 1$
- MAGNITUDE RELATIONSHIP OF TMS SET TEMPERATURE : $T2 < T3 < T4$
- MAGNITUDE RELATIONSHIP OF PUMP INTERNAL TEMPERATURE : $TP1 < TP2 < TP3 < TP4$

Fig. 8

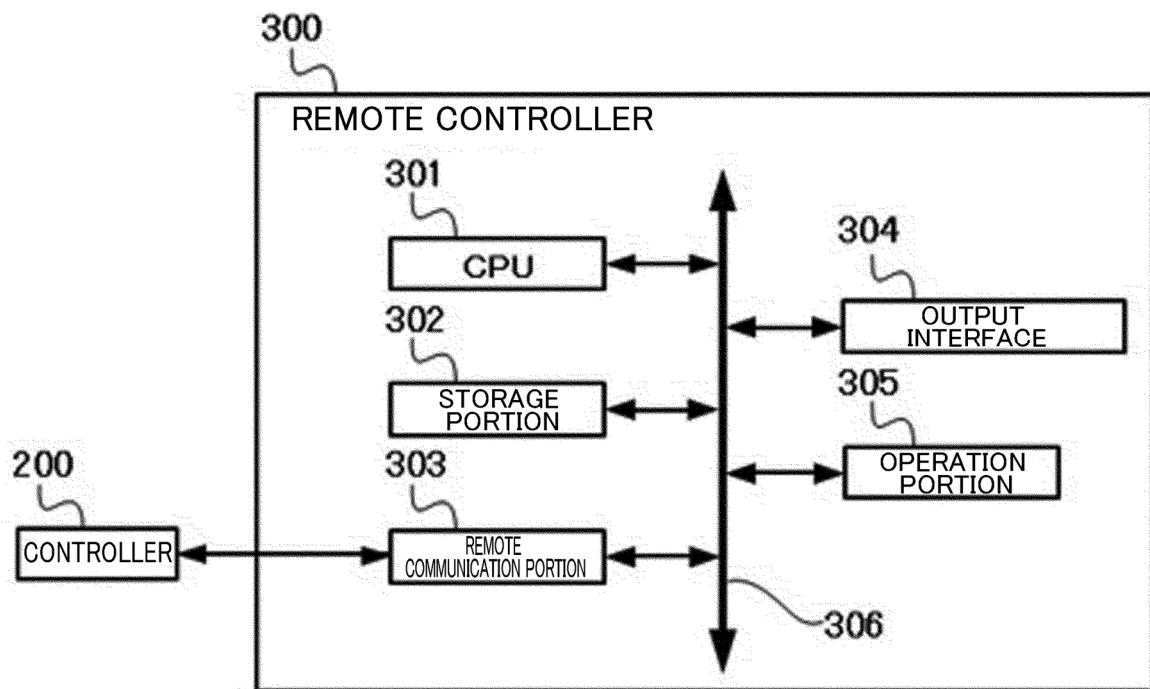


Fig. 9

