

19 – Magnet - Current leads cooling

Sensors and actuators used:

- Temperature: TT654, TT655, TT656, TT657 and list in the table 1
- Flow rate: FT650, FT651, FT652, FT653,
- Valve: FV587,
- Control valve: CV650, CV651, CV652, CV653, - these valves are not controlled directly but by setting the required flow rate (max flow rate is 3.0 m³/h)
- Heater: list in the table 1

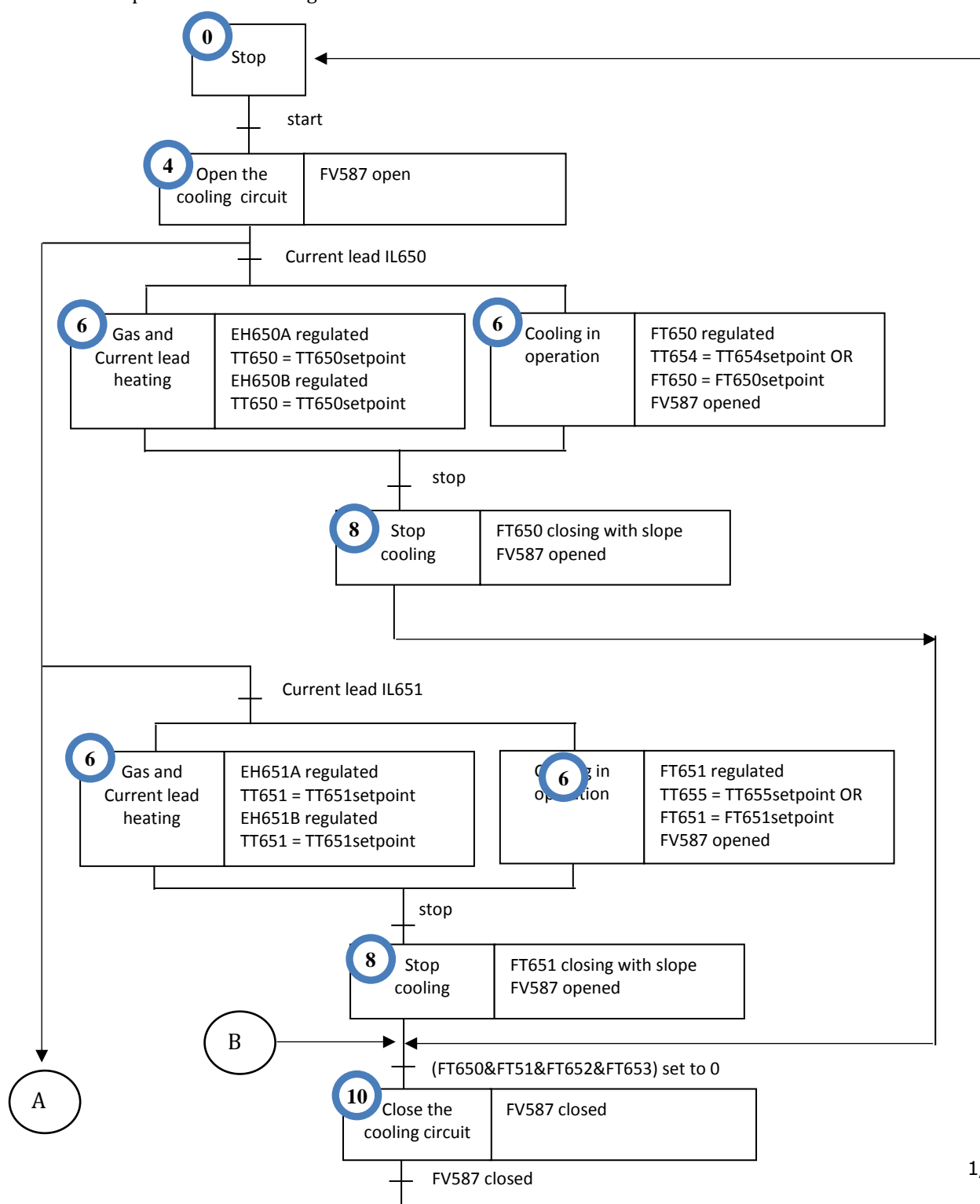
The user chooses:

- Temperature: TT654setpoint, TT655setpoint, TT656setpoint, TT657setpoint and list in the table 1
- Flow: FT650setpoint, FT651setpoint, FT652setpoint, FT653setpoint,

Initial conditions:

- Magnet insert selected
- Sequences from 1 to 3 stopped

- Mode: Temperature or Flow regulation.



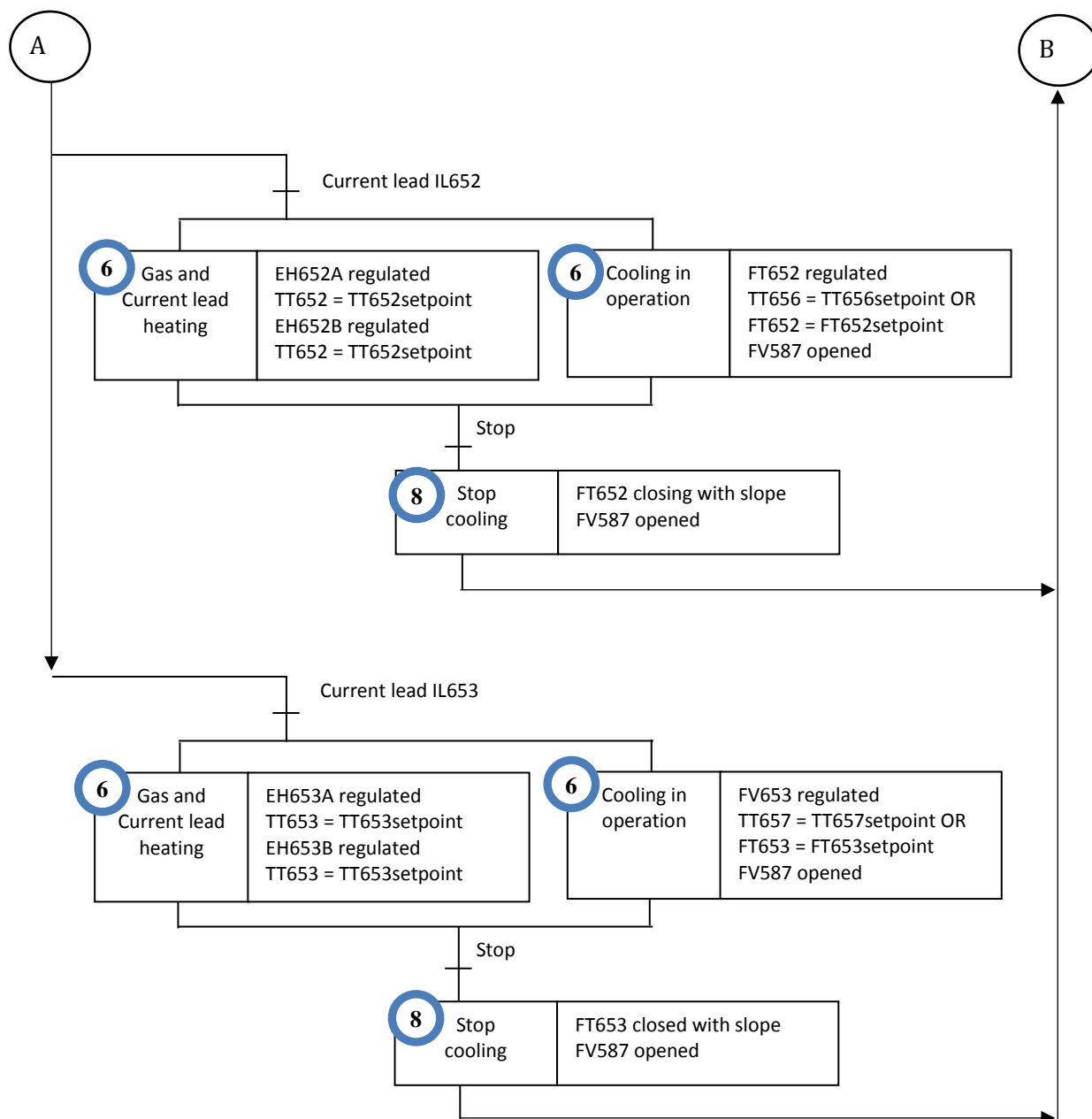


Table 1: List of the heaters with the thermometers used to their control

Heater	Thermometer	Temperature setpoint
EH650A	TT650	TT650setpoint
EH651A	TT651	TT651setpoint
EH652A	TT652	TT652setpoint
EH653A	TT653	TT653setpoint
EH650B	TT650	TT650setpoint
EH651B	TT651	TT651setpoint
EH652B	TT652	TT652setpoint
EH653B	TT653	TT653setpoint