

ABSTRACT OF THE DISCLOSURE**COOLING SYSTEM**

- 5 The present invention provides a cooling system with high energy saving performance which reduces running cost by controlling an air blow quantity of a cooling apparatus in accordance with a load while preventing a temperature rise of electronic devices in a cooling system including the cooling apparatus which is installed between racks and performs semi-local cooling operation, in a refrigerant natural circulation cycle.
- 10 An intake air temperature sensor 80 is installed on an air intake surface of each of cooling apparatuses 20a and 20b, and a return air temperature sensor 82 is installed on each of exhaust air surfaces, and a temperature difference between an intake air temperature and a return air temperature is calculated by a blower frequency switching device 70 from measured values of the intake air temperature sensor 80 and the return air
- 15 temperature sensor 82. By the blower frequency switching device 70, frequencies of the blowers 22a and 22b are controlled to frequencies corresponding to the temperature difference.

Figure 1