

FLUID CIRCULATION SYSTEM, FLOW RATE CONTROL METHOD, CONTROL DEVICE, AND COMPUTER PROGRAM

ABSTRACT

A system according to an embodiment includes a fluid circulation apparatus 20 including a pump 22 and allowing a fluid to circulate by rotation of the pump, and a control device 30 controlling the fluid circulation apparatus 20. When the target flow rate for the fluid is changed, the control device 30 derives the changed rotation speed on the basis of the target flow rate and the flow rate of the fluid and the rotation speed of the pump 22 at the time of changing the target flow rate or the flow rate of the fluid and the rotation speed of the pump 22 in the predetermined period before changing the target flow rate, and changes the rotation speed of the pump 22 toward the changed rotation speed.

Fig. 1