ABSTRACT OF THE DISCLOSURE (FIG. 3)

"DISK CONTROLLER FOR DETECTING HANG-UP OF DISK STORAGE SYSTEM"

A hang-up detector and an interrupt generator are provided in a disk controller incorporated in a disk storage system. By monitoring a command execution period, the detector detects whether the disk storage system reaches a hang-up state during the execution of a command in the system. The interrupt generator generates an interrupt to a CPU when the detector has detected the hang-up state. Upon receiving the interrupt, the CPU executes control for re-executing the command.