PREDICTION AND CANCELLATION OF CAGE FREQUENCY IN A DISC DRIVE

Abstract of the Disclosure

A method for writing servo information to a disc rotatably mounted to a spindle motor. A measured cage frequency is obtained from a written reference track, from which an actual cage frequency is predicted. The predicted cage frequency is then used to derive compensatedposition commands. During a servo write interval, the compensated position commands are used to control the head such that the head follows the disc movements caused by the cage frequency.

FIG. 1