SYSTEM AND METHOD TO MINIMIZE BEARING PIVOT EFFECT IN DISC DRIVE ACTUATOR

Abstract Of The Disclosure

A disc drive is provided which incorporates a rotatable actuator which is mounted to a base of the disc drive through a pivot mechanism. The actuator positioning is controlled by a servo system and during track following operations, the actuator arm is caused to move. In one embodiment, the servo tracks incorporated in the disc drive are distorted when written in by the injection of a sinusoidal signal. In another form, the disc containing the servo information is caused to rotate about an axis which is offset from the disc axis. A method of creating a servo track is also disclosed.

Fig. 12