ORIGINAL

ABSTRACT

BEARING PLATE ARRANGEMENT FOR SUPPORTING THE ROTARY ACTUATOR OF A DISK DRIVE

A pair of bearing plates (72, 74) for rotatably supporting an actuator shaft (32) of a rotary actuator which in use controllably positions at least one magnetic transducing head (36) are disclosed. The or each magnetic transducing head is disposed at one end of a respective transducer support arm (34, 52 to 66), and the or each arm at the other end thereof is mounted on the actuator shaft. One of the bearing plates is elastically deformed in a direction away from the other of the bearing plates to provide a restoring force for locating the pivot shaft. This may secure the actuator shaft position. If the bearing plates are spaced apart by a member (44) having a different thermal expansion coefficient to that of the bearing plates, the arrangement of the pair of bearing plates may impart excellent thermal performance characteristics to the rotary actuator.

[Fig. 3]

This Sheet Has Been Replaced

