HEAD ACTUATOR FOR A DATA STORAGE HEAD HAVING A LOW MASS WITH LATERAL STIFFNESS

ABSTRACT OF THE DISCLOSURE

An actuator having a relatively low mass for supporting flexible head suspension assemblies to read data from or write data to discs. The actuator includes an actuator body adapted to rotationally coupled to a base chassis of the disc drive and a yoke assembly including yoke arms extending from the actuator body. The actuator includes at least one rigid actuator arm rigidly supporting the flexible head suspension assemblies. The rigid actuator arm includes multiple arm plates supported in spaced relation to provide a thickness of the actuator arm for lateral stiffness.

FIG. 5