ABSTRACT OF THE DISCLOSURE

A pickup actuator having a base member as a fixed member, a lens holder as a travelling member, wherein a damping fluid is applied therebetween. The damping fluid damps a vibration occurring at the lens holder when the lens holder is driven. Here, the damping fluid has a viscosity ranging from 1000cP to 2000cP at 27 ° C, in which magnetic particulates are stably dispersed. It is preferable that the damping fluid is magnetized to 100G ~ 200G in a magnetic field of 3~4k0e. When there occurs vibration at the lens holder by any reasons, such vibration is directly damped by the damping fluid applied between the base member and the lens holder. Thus, an objective lens can reach its designated spot more rapidly. Further, since there is no need for an injection of damping bond into an inner space of holder supporting portion, the manufacture becomes simpler, and manufacture costs thereof are accordingly reduced.

This Sheet Has Been Replaced

