METHOD OF AND APPARATUS FOR SUBSTANTIALLY PREVENTING CONDENSATION ON SURFACES OF A FLOW PATH FOR LUBRICANT VAPOR FLOWING TO A MAGNETIC DISK TO FORM A LUBRICANT COATING ON THE DISK

ABSTRACT

Condensation is prevented on surfaces in a flow path for lubricant vapor that applies lubricant coatings to magnetic disks in the flow path. The vapor is derived by heating liquid in a reservoir. The flow path includes a vapor chamber between the reservoir and an apertured diffuser. The vapor chamber has a first wall extending in the same direction as a straight-line path between the reservoir and the disk and a second wall providing a heat conduction path between the heater and the reservoir. The relative temperatures of the first and second walls is controlled to prevent substantial condensation on surfaces of the flow path.

Figure 1