ABSTRACT

VOICE COIL MOTOR AND DISC DRIVE

The present invention relates to a disc drive having an actuator arm 114 with lead coils 150 from a moulded coil 113 in the voice coil motor 110 such that after the coil is wound, the two lead wires from either end of the coil are led out from the end of the coil, and tubes 152 are slid over the wires up to a point closely adjacent the wound coil. The wound coil is then moulded in a mould 140, fixing its shape and holding it in place on the rear of the actuator arm. The plastic tubes protect the leads from being unduly stressed during the formation of the mould, and increase the wire strength so that the motor can tolerate handling stresses during testing and assembly.

Fig. 4

This Sheet Has Been Replaced

