METHOD AND DISC DRIVE FOR WRITING SERVO WEDGES

Abstract of the Disclosure

A method and disc drive are disclosed that write servo wedges to a plurality of tracks of a disc. A head having a read element offset from a write element reads a first servo wedge on a first track as a propagation guide and writes a second and third servo wedge to be used as a subsequent propagation guide on a second track, all during one instance of a sector position of the disc rotating by the head. Additionally, a fourth servo wedge that is radially continuous from the outer to inner diameter is also written for each sector of the track during the revolution and is used for track-following during normal operation. In this manner, all radially continuous servo wedges for each sector of a given track can be written during one revolution of the disc, thereby reducing the amount of time necessary for servowriting.

Figure 5