METHOD AND APPARATUS FOR PHASE MODULATED SERVO POSITIONING IN A DIRECT ACCESS STORAGE DEVICE

Abstract

A phase modulated servo method and apparatus are provided for use in a disk file. The disk file includes at least one disk mounted for rotation about an axis and the disk has at least one disk surface for storing data. At a predefined location of the disk surface a series of servo tracks of a predetermined high gain servo pattern are written. The predetermined high gain servo pattern includes 360° phase difference information within each data cylinder. The servo tracks are detected for identifying servo phase information.

Figure : 1