

## APPARATUS AND METHOD FOR THE CONTROL AND POSITIONING OF MAGNETIC RECORDING HEADS IN AN AZIMUTH RECORDING SYSTEM

### ABSTRACT

A magnetic recording apparatus and method for the azimuthal recording of data to and from data storage tracks contained on digital linear tape is disclosed. The magnetic recording apparatus includes a magnetic data recording head assembly (90). A magnetic recording head (101) is centrally located within the magnetic data recording head assembly (90). The magnetic data recording head assembly (90) includes a control device coupled to a left servo sensor, wherein the left sensor is located to the left of and external to the magnetic recording head (101). The magnetic recording apparatus additionally includes a control device coupled to a right servo sensor, wherein the right servo sensor is located to the right of and external to the magnetic recording head (101).

FIG.3