

TIMING BASED SERVO LONGITUDINAL ADDRESSING**ABSTRACT**

Disclosed is a magnetic tape media having addressing data information superimposed on prerecorded track following servo information. The servo information is recorded in magnetic flux transition patterns defining at least one longitudinal servo track (27). A servo burst pattern of at least two repeated pairs of non-parallel magnetic flux transitions is provided, at least one of which transitions is slanted or otherwise continuously longitudinally variable across the width of the servo track (27). At least two transitions of the repeated pairs are shifted longitudinally with respect to other of the transitions, the shifted transitions comprising the superimposed addressing data information. Also disclosed is a magnetic tape media (20) having prerecorded combined servo and data information recorded in repeated pairs of magnetic flux dual transitions, at least one of the repeated pairs of dual transitions having a different width with respect to other of the transitions, the different width transitions comprising data information.

Figure 2

