

MAGNETIC RECORDING APPARATUS WITH ROTARY HEADS

ABSTRACT

A modulation method is disclosed, for transforming data to a code using a code having CDS after NRZI modulation equal to 0, ± 2 of (0,3;8,10;1) code, the method comprising the step of transforming 8-bit data to a 10-bit code, using a code other than a code such that lengths between transition 1T, 4T, 1T, 3T, 1T, or 1T, 3T, 1T, 4T, 1T, with T denoting minimum length between transition, are generated in a waveform string corresponding to continuation of two identical codes, the waveform string being produced by NRZI modulating a code series of continuous codes, with the number of continuous "1s" being not greater than N, with N being 12 to 18, in the code series.

Figure 13