

**Disc-Shaped Recording Medium, Cutting Apparatus
For Same, And Disc Drive**

Abstract

An optical disc having a circular track formed as a groove and/or land for recording data and wobbled. The track wobbling is performed on a constant unit of an FSK information bit portion based on a waveform obtained by FSK modulation of an information bit and a single frequency portion based on a waveform of a single frequency, so that the constant units are continuous. For the FSK modulation, two types of frequencies are used. One of the frequencies is a frequency identical to the single frequency and the other is different from the single frequency. The relationship of these frequencies is such that for a predetermined period of time, the wave number of these frequencies are even and odd.

Fig. 6