Abstract

1. Servo control loop for an optical recording and/or replay apparatus.

2.1 In the case of CD players, both the focusing error signal and the tracking error signal have high-frequency oscillations superimposed on them which exacerbate the control and are caused by the data recorded on the disc. The tracking error signal and the focusing error signal are produced by subtracting the output signals from a plurality of photodiodes.

2.2 Because the high-frequency elements are short-circuited by means of a capacitor (K) before the subtraction of the output signals from the photodiodes (A, B, C, D), neither the focusing error signal nor the tracking error signal any longer contain the high-frequency elements which exacerbate control.

2.3 CD players, video-disc players, DRAW-disc players and magneto-optic apparatuses.

3. Figure 2.

This Sheet Has Been Replaced

