

OPTICAL HEAD TRANSFER CIRCUIT, OPTICAL HEAD AND REPRODUCING
APPARATUS INTRODUCING THE SAME CIRCUIT

ABSTRACT

In the optical head transfer circuit of the related art, the sled error signal generated only via a low-pass filter has been used as the tracking error signal, however, the present invention provides a portable type reproducing apparatus which can compensate for a DC element corresponding to shifting displacement of an objective lens generated depending on change of attitude of the reproducing apparatus with the sled feed mechanism, does not result in deterioration of the reproducing characteristic depending on vertical or horizontal installation and has realized much improvement in the vibration characteristics, because the signal from which the DC element is eliminated corresponding to the shifting displacement of the objective lens is used as the tracking error signal and the sled error signal has been generated depending on the signal from which the DC element is not yet eliminated.

Figure 1