

EQUALIZER FOR OPTICAL REPRODUCING APPARATUS

ABSTRACT

An equalizer used for an optical reproducing apparatus performs an optimal equalizing operation in accordance with the spatial frequency without needing an electrical equalizer. The optical reproducing apparatus reproduces the reproducing data in the following manner. A detector is provided for receiving reflected light from a disc. The detector is divided into a plurality of light receiving areas by a line perpendicular to the light receiving direction corresponding to the disc track direction. Then, calculations are made on the outputs from the respective light receiving areas to specifically correct the spatial frequency characteristics. The calculated signal is then decoded.

Figure 3