

Abstract of the Disclosure (FIG. 3)

"OPTICAL DISK REPRODUCING APPARATUS EQUIPPED WITH
VARIABLE GAIN AMPLIFIER CAPABLE OF ADJUSTING
AMPLITUDE OF REPRODUCTION SIGNAL"

5 An apparatus for an optical disk reproducing
apparatus is disclosed, which allows positive counter-
measures against data read errors without depending on
only an operation of decreasing the reproduction speed,
thus positively maintaining high speed reproduction.
This system incorporates an error rate counter (31) for
10 monitoring error flags which can be detected in error
correction processing, and a variable gain amplifier
(30) for adjusting the amplitude of an RF signal. A
system controller (29) constantly monitors error count
data to determine the error rate of a disk in the
15 reproduction mode from moment to moment. When the
error rate exceeds a certain level at each reproduction
speed, the amplitude of an RF signal from the variable
gain amplifier (30) is increased to set the error rate
to a level at which data can be properly read.