AUTOMATIC GAIN CONTROL CIRCUIT

ABSTRACT OF THE DISCLOSURE

An automatic gain control circuit is provided, which has minimum variations in the output signal level even with the presence of variations in component parts thereof and the temperature dependency of component parts thereof and can therefore dispense with the use of an additional amplifier circuit for adjusting the output level. An input signal-attenuating circuit attenuates the level of an input signal to a voltage amplifier circuit. An output level-detecting circuit detects the voltage level of an output signal from the voltage amplifier circuit to thereby carry out feedback control by controlling the attenuating characteristic of the input signal-attenuating circuit in response to the detected voltage of the output signal such that the voltage level of the output signal from the voltage amplifier circuit is maintained at a constant level. The output level-detecting circuit is comprised of a differential amplifier circuit which detects and amplifies the difference between a predetermined reference voltage and the voltage of the output signal from the voltage amplifier circuit.

Figure 2

This Sheet Has Been Replaced

