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(54) Title: AUTOMATIC GAIN CONTROL CIRCUIT FOR VOLUME CONTROL AND CORRESPONDING METHOD FOR VOLUME CONTROL

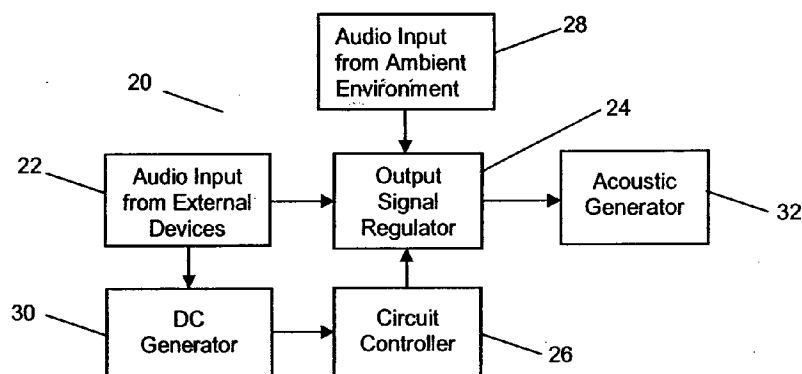


Figure 1

(57) Abstract: An automatic gain control circuit for volume control receives at least one audio signal input via either a wired or a wireless connection. The circuit includes an output signal regulator receiving a first portion of the audio signal, with the regulator being able to vary the amplitude of the first portion of the audio signal when a control signal from a circuit controller is received. The circuit controller may be powered by a DC generator receiving a second portion of the at least one audio signal. A signal from the output signal regulator is passed through an acoustic generator.

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