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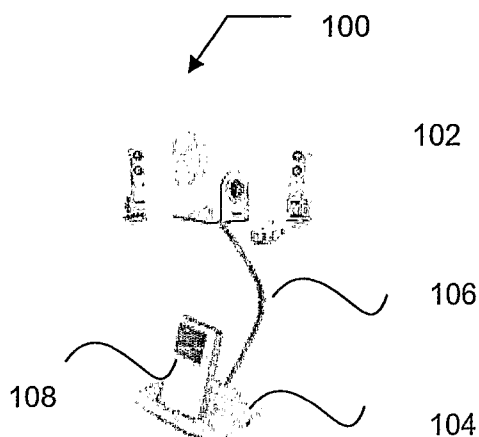
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(54) Title: AUDIO ENHANCEMENT MODULE FOR PORTABLE MEDIA PLAYER



(57) Abstract: An audio or video enhancement module incor-
porates advanced audio enhancement effects. These advanced
effects cover a wide range including but not limited to 3D audio
spatialization (virtualization) and transient enhancement. The
device is configured for receiving an audio input signal, in ana-
log or digital form, enhancing the received signal, and trans-
mitting an output audio signal having the enhanced effects em-
bedded in the signal. The output signal may be either digital or
audio. Further, the output signal may be a mono signal, a stereo
signal, a MIDI signal, or a multichannel signal (such as 2.1, 5.1,
7.1, etc.). User input to the module is provided to control the
amount of audio enhancement.

WO 2008/002277 A1