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Powers et al.

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[54] ENERGY ABSORPTION APPARATUS

[56] References Cited

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[57] ABSTRACT

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Apparatus for absorbing acoustic energy directed toward a wall. The apparatus includes a piezoelectric layer intermediate the wall and the source of the acoustic energy. Circuitry attached to the output of the transducer compensates blocked and motional capacitances of the transducer so that the output signal generates real current for dissipation in a resistor thereby to minimize any echo reflected from the piezoelectric layer.

[51] Int. Cl.⁵ **G10K 11/16**

[52] U.S. Cl. **381/71; 333/213; 333/215**

[58] Field of Search **381/71, 94; 333/213, 333/215**

16 Claims, 4 Drawing Sheets

