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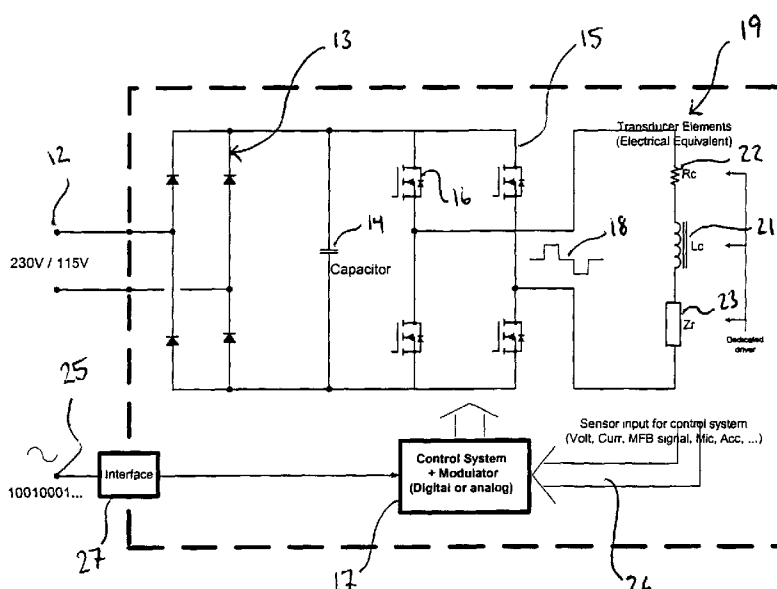
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(54) Title: APPARATUS FOR ELECTRIC TO ACOUSTIC CONVERSION



(57) Abstract: The present invention relates to an apparatus for converting an audio signal from a source (25) into audio waves, comprising a modulator (17), for modulating said audio signal, an amplifying switching stage (15), for amplifying a modulated audio signal supplied from the modulator, and a transducer (19). The transducer is connected directly to the switching stage, and is arranged to convert a pulse train from the switching stage into audio waves. Further, the modulator, the switching stage and the conversion means are integrated mechanically and electrically in one operational unit, being connectable directly to a mains power supply (12). By this electrical integration, no separate filtering is required, but instead the inherent qualities of the transducer are used for accomplishing filtering of the pulse train.



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