

ABSTRACT

The present invention provides a loudspeaker which is excellent in acoustic characteristics such as frequency characteristics and distortion characteristics. Particularly, edge 1 is formed in such manner that a thickness of sectional shape in radial direction increases from inner periphery portion 12 toward outer periphery portion 13. Due to this structure, a mechanical impedance of edge 1 against diaphragm 2 is decreased and bad influences on a vibration mode of the diaphragm are suppressed, and also, vibration energy is absorbed by the thick portion of the outer periphery portion, thereby suppressing standing waves of the diaphragm. The structure increases an efficiency of the medium and high frequency range sounds radiated from the loudspeaker, and further, greatly contributes to improve frequency characteristics, nonlinear distortion characteristics, and transient characteristics.

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Fig. 3