

Title (en)

BROAD BAND LOUDSPEAKER PROVIDED WITH A MEMBRANE SURFACE DIVIDED INTO A PLURALITY OF PARTS CORRESPONDING TO A PLURALITY OF FREQUENCY BANDS

Publication

EP 0232760 A3 19881012 (DE)

Application

EP 87100806 A 19870121

Priority

DE 3603537 A 19860205

Abstract (en)

[origin: US4821330A] The invention relates to a wide-band loudspeaker in which the overall diaphragm is divided into an inner and an outer diaphragm sub-area. The inner diaphragm sub-area preferably consists of a dome-shaped cover of the moving-coil support. The outer diaphragm sub-area can be formed as a cone or NAWI diaphragm or as a shaped or moulded body, the shaped body having an at least approximately planar front face and its rear boundary face having the form of a cone or NAWI diaphragm. The outer diaphragm sub-area is connected to the moving-coil support by a frequency-dependent yieldable connection with high damping which at high audiofrequencies practically decouples the outer diaphragm sub-area from the moving-coil support but at low audiofrequencies acts like a rigid connection.

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IPC 8 full level

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Citation (search report)

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