

Title (en)
LOUDSPEAKER

Title (de)
LAUTSPRECHER

Title (fr)
HAUT-PARLEUR

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Application
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Abstract (en)
[origin: WO2004068898A1] The invention relates to a loudspeaker comprising at least one magnet (5), a membrane (2) with an outer edge (32) defining an outer edge plane (30) of the membrane, a bead (3) surrounding the membrane (2), a moving coil (9) which is fixed to the first membrane (2), and a magnet system (4) comprising at least one magnet (9). Said loudspeaker also has a supporting structure (1) for receiving the magnet system (4) and the membrane, the membrane being connected to the supporting structure by means of the bead, and the supporting structure has a front side which is oriented towards the membrane and a rear side which is oriented in the opposite direction. Said membrane (2) is at least partially convex towards the front, in the predominant acoustic direction (33), and the region (28) of the membrane (2), to which the moving coil is fixed, is arranged in front of the outer edge plane (30) of the membrane. The diameter (D) of the membrane (2) is larger than the diameter of the moving coil (d) which moves the membrane (2).

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