

Title (en)

ELECTRODYNAMIC BENDING MOMENT DRIVER

Title (de)

ELEKTRODYNAMISCHER BIEGEMOMENTENTREIBER

Title (fr)

Dispositif d'excitation électrodynamique produisant des couples de flexion

Publication

**EP 1336321 B1 20091223 (DE)**

Application

**EP 01983506 A 20010926**

Priority

- DE 10058102 A 20001123
- EP 0111183 W 20010926

Abstract (en)

[origin: WO0243434A2] A bending moment driver, suitable for the boundary operation of planar diaphragm loudspeakers, comprises an oscillatory coil wound along the boundary edge surface of the resonator plate and a permanent magnet system arranged at a small separation from the boundary edge surface of the resonator plate. In an alternative embodiment the driver has a pole core with a fixed coil wound around the above and a permanent magnet let into the plate and fixed to the resonator plate for moment transmission, whereby the pole core is arranged around the edge of the resonator plate in a jaw-like manner. An opposing force pair parallel to the normal of the plate is thus generated, exerting a bending moment on the resonator plate by means of a lever arm corresponding to the length of the permanent magnet.

IPC 8 full level

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