

Title (en)  
ELECTRODYNAMIC LOUDSPEAKER WITH OMNI-DIRECTIONAL SOUND RADIATIONS

Publication  
**EP 0152926 B1 19880622 (DE)**

Application  
**EP 85101658 A 19850215**

Priority  
DE 3405635 A 19840217

Abstract (en)  
[origin: US4665550A] An electrodynamic loudspeaker for the high or mid-range sound region emits sound omnidirectionally. The loudspeaker comprises two identical individual loudspeakers arranged on opposite sides of a plane of mirror symmetry. Each loudspeaker has a drive unit with a permanent magnet fixed at a carrier part common to both sides and a moving coil means, including a winding and a bobbin, elastically held by a spider at carrier part. Each moving coil means is rigidly connected with a hemispherical membrane. The carrier part is formed as a ring and is limited by a spherical ring surface having a diameter which is somewhat smaller than twice the diameter of the outer rim of the membrane. The moving coil means has a diameter substantially the same as the outer edge of the membrane.

IPC 1-7  
**H04R 1/40**; **H04R 9/06**

IPC 8 full level  
**H04R 1/34** (2006.01); **H04R 1/40** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP US)  
**H04R 1/403** (2013.01 - EP US); **H04R 9/063** (2013.01 - EP US)

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AT CH DE FR GB IT LI NL

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