

Title (en)
ELECTRODYNAMIC LOUDSPEAKER FOR LOW AND MEDIUM SOUND FREQUENCIES

Publication
EP 0062600 B1 19850626 (DE)

Application
EP 82710017 A 19820330

Priority
FR 8106510 A 19810401

Abstract (en)
[origin: US4472605A] An electrodynamic loudspeaker radiates sound in all directions and with a high output for a low and medium sound frequencies. It comprises two hemispherical movable diaphragms which are arranged on either side of a disc-shaped carrier part. The diaphragms are connected with the carrier part by flanges and constitute a pulsating sphere. In this sphere and connected in each case with one of the diaphragms are actuating units with permanent magnets and in each case, an oscillatory coil. Each oscillatory coil is connected to its respective diaphragm through stiff transition parts, preferably in the form of spherical shells. Openings are provided for an atmospheric pressure equalization between the interior and exterior of the breathing sphere.

IPC 1-7
H04R 9/06

IPC 8 full level
H04R 9/06 (2006.01); **H04R 1/40** (2006.01); **H04R 1/22** (2006.01)

CPC (source: EP US)
H04R 1/403 (2013.01 - EP US); **H04R 1/227** (2013.01 - EP US)

Cited by
US4635287A; GB2222745A; GB2222745B; USRE32785E; EP0782370A3; WO9612382A1

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AT BE CH DE GB IT LI NL SE

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