

Title (en)

Surroundless piston-driven vibrating speaker

Title (de)

Randringloser Kolbenlautsprecher

Title (fr)

Haut-parleur à vibration de piston sans anneau de suspension

Publication

**EP 1458215 A2 20040915 (EN)**

Application

**EP 04003091 A 20040212**

Priority

CN 03223604 U 20030217

Abstract (en)

Disclosed is a surroundless piston-driven vibrating speaker, the main structure of which is composed of an improved vibrating system, a supporting system and an external magnet system. The forementioned vibrating system comprises a voice cone, a voice coil and a central damper. The forementioned supporting system comprises a shell frame 1 with air holes, a floating locating damper6, a sound absorption cotton material 8, a damper fixing ring and a dust preventing cover 13. The forementioned external magnet system comprises a ferrite core, an upper plate and a T-yoke.

IPC 1-7

**H04R 7/18**

IPC 8 full level

**H04R 7/20** (2006.01); **H04R 7/18** (2006.01)

CPC (source: EP)

**H04R 7/20** (2013.01); **H04R 9/02** (2013.01); **H04R 1/20** (2013.01); **H04R 2201/34** (2013.01); **H04R 2400/11** (2013.01)

Cited by

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 1458215 A2 20040915**; **EP 1458215 A3 20080312**; CN 2607708 Y 20040324

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