

Title (en)
Unidirectional acoustical enclosure.

Title (de)
Unidirektionales akustisches Gehäuse.

Title (fr)
Enceinte acoustique unidirectionnelle.

Publication
EP 0008274 A1 19800220 (FR)

Application
EP 79400564 A 19790810

Priority
FR 7823848 A 19780816

Abstract (en)
[origin: ES483380A1] A unidirectional speaker enclosure has a cylindrical cabinet supporting a speaker at its front end and having a closed bottom at its rear end. The front end constitutes a main aperture surrounded concentrically by a secondary aperture communicating with the rear face of the speaker membrane through two relatively large resonance chambers formed by two cylinders disposed concentrically within the cylindrical cabinet. The arrangement is such that a lag corresponding to a wavelength of the desired critical frequency is obtained between the backward wave and the forward wave produced by the speaker membrane.

Abstract (fr)
L'invention concerne une enceinte acoustique unidirectionnelle. Elle est caractérisée par le fait que le caisson (1) est de forme cylindrique, rigide, comporte également une unique ouverture secondaire (8) à proximité immédiate de l'ouverture principale (7); des moyens de séparation (16), rigides, sont placés dans le caisson (1) et définissent dans celui-ci une chambre (17) de canalisation de l'air entre la face arrière (18) de la membrane (13) du haut-parleur et l'ouverture secondaire (8). L'invention s'applique en radiophonie.

IPC 1-7
H04R 1/34; **H04R 1/28**

IPC 8 full level
H04R 1/28 (2006.01); **H04R 1/34** (2006.01)

CPC (source: EP US)
H04R 1/345 (2013.01 - EP US)

Citation (search report)

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