

Title (en)

ACOUSTIC DEFLECTOR FOR OMNI-DIRECTIONAL SPEAKER SYSTEM

Title (de)

AKUSTISCHER DEFLEKTOR FÜR RUNDSTRAHLENDES LAUTSPRECHERSYSTEM

Title (fr)

DÉFLECTEUR ACOUSTIQUE POUR SYSTÈME DE HAUT-PARLEUR OMNIDIRECTIONNEL

Publication

EP 3371982 B1 20200513 (EN)

Application

EP 16750577 A 20160729

Priority

- US 201615222296 A 20160728
- US 2016044682 W 20160729

Abstract (en)

[origin: WO2018022087A1] An omni-directional acoustic deflector (112) includes an acoustically reflective body that has a truncated conical shape which includes a substantially conical outer surface that is configured to be disposed adjacent an acoustically radiating surface (e.g., a diaphragm) of an acoustic driver (102) thereby to define an acoustic radiation path therebetween. The acoustically reflective body (112) is profiled such that a cross-sectional area (T1, T2) of the acoustic radiation path increases monotonically with respect to radial distance from a motion axis of the acoustic driver.

IPC 8 full level

H04R 1/02 (2006.01); **H04R 1/26** (2006.01); **H04R 1/28** (2006.01); **H04R 1/32** (2006.01); **H04R 1/34** (2006.01)

CPC (source: EP)

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Citation (examination)

- US 5995634 A 19991130 - ZWOLSKI SCOTT A [US]
- US 6597797 B1 20030722 - BETTS ROBERT W [US]

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