

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)

**H04R 1/2834** (2013.01); **H04R 1/323** (2013.01); **H04R 1/345** (2013.01); **H04R 1/26** (2013.01); **H04R 1/2803** (2013.01); **H04R 1/288** (2013.01)

Citation (examination)

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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2018022087 A1 20180201**; EP 3371982 A1 20180912; EP 3371982 B1 20200513

DOCDB simple family (application)

**US 2016044682 W 20160729**; EP 16750577 A 20160729