

Title (en)

Acoustic insert for a loudspeaker bass reflex system

Title (de)

Akustischer Einsatz für ein Lautsprecherbassreflexsystem

Title (fr)

Insert acoustique pour un système de haut-parleur en bass-reflex

Publication

**EP 2963944 B1 20210331 (EN)**

Application

**EP 15157053 A 20150227**

Priority

- EP 15157053 A 20150227
- GB 201402581 A 20140214

Abstract (en)

[origin: GB2523143A] An removable acoustic insert for lining a loudspeaker reflex port comprises an elongate hollow tube formed of a flexible material and has an outer wall sized and configured to seat within the port and an inner wall extending in the elongate direction. The inner wall of the insert has a circumference which varies along the length of the insert. When inserted in a port, the insert alters the port resonance so as to vary the acoustic performance of the loudspeaker. The flexible material may be a foam material. A kit comprising a plurality of different such inserts is envisaged.

IPC 8 full level

**H04R 1/28** (2006.01)

CPC (source: EP GB)

**H04R 1/2815** (2013.01 - GB); **H04R 1/2826** (2013.01 - EP GB)

Cited by

CN110383860A; WO2018206090A1; US11159898B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR 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)

**GB 201402581 D0 20140402**; **GB 2523143 A 20150819**; **GB 2523143 B 20210428**; EP 2963944 A2 20160106; EP 2963944 A3 20180110; EP 2963944 B1 20210331; HK 1213719 A1 20160708

DOCDB simple family (application)

**GB 201402581 A 20140214**; EP 15157053 A 20150227; HK 16101292 A 20160204