

Title (en)
VIBROACOUSTIC DEVICE

Title (de)
VIBROAKUSTISCHE VORRICHTUNG

Title (fr)
DISPOSITIF VIBROACOUSTIQUE

Publication
EP 3758858 A1 20210106 (FR)

Application
EP 19713091 A 20190226

Priority
• FR 1870214 A 20180228
• FR 2019000024 W 20190226

Abstract (en)
[origin: WO2019166705A1] The invention relates to a powerful, but compact, vibroacoustic device which is capable of transmitting a large portion of the musical sound spectrum without emitting a loud output volume so as not to disturb individuals nearby. The invention relates to a vibroacoustic device comprising a permanent magnet (101) generating a permanent magnetic field in a space (102) known as an air gap, and a coil (103) of electrically conductive wire arranged in said air gap in the axial direction (X-X) and provided with two electrical terminals, the coil (103) being rigidly connected to a plate (104) onto which a rod (105) is attached which is capped by a disk (106) covered with a layer of elastomer (107-108) and intended to rest on the chest of a user during use.

IPC 8 full level
B06B 1/04 (2006.01); **H04B 1/3827** (2015.01)

CPC (source: EP)
B06B 1/045 (2013.01); **H04B 1/385** (2013.01); **H04R 9/066** (2013.01); **H04R 1/025** (2013.01); **H04R 2201/023** (2013.01); **H04R 2400/03** (2013.01); **H04R 2460/13** (2013.01)

Citation (search report)
See references of WO 2019166705A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3078432 A1 20190830; FR 3078432 B1 20210528; EP 3758858 A1 20210106; WO 2019166705 A1 20190906

DOCDB simple family (application)
FR 1870214 A 20180228; EP 19713091 A 20190226; FR 2019000024 W 20190226