

Title (en)  
ENCLOSURE FOR DIFFUSING SOUND BY REVERBERATION

Title (de)  
GEHÄUSE ZUR SCHALLDÄMPFUNG DURCH NACHHALL

Title (fr)  
ENCEINTE DE DIFFUSION DE SON PAR REVERBERATION

Publication  
**EP 4082222 A1 20221102 (FR)**

Application  
**EP 20851218 A 20201221**

Priority  
• FR 1915555 A 20191224  
• FR 2020052576 W 20201221

Abstract (en)  
[origin: WO2021130441A1] The invention relates to an enclosure for diffusing sound by reverberation (10) comprising: - a loudspeaker (11) comprising a fixed frame (12), a cylindrical support (13) and a membrane (14) connected to an upper bearing surface (16) of the frame (12); and - a wave guide (20) mounted on the upper bearing surface (16), the wave guide being substantially in the form of a truncated pyramid with a long wall (21) forming a front face (Fa), a short wall (22) and lateral uprights (23); the wave guide (20) comprising at least one acoustic wall (25) fastened to the lateral uprights (23), the acoustic wall (25) extending tangentially relative to the generatrix line (Dg) of the cylindrical support (13) closest to the front face (Fa).

IPC 8 full level  
**H04R 1/34** (2006.01); **G10K 11/28** (2006.01)

CPC (source: EP US)  
**H04R 1/025** (2013.01 - US); **H04R 1/30** (2013.01 - US); **H04R 1/34** (2013.01 - US); **H04R 1/345** (2013.01 - EP US); **H04R 7/127** (2013.01 - US); **H04R 7/18** (2013.01 - US); **G10K 11/28** (2013.01 - EP); **H04R 2201/34** (2013.01 - US); **H04R 2400/11** (2013.01 - US); **H04R 2400/13** (2013.01 - US)

Citation (search report)  
See references of WO 2021130441A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**FR 3105692 A1 20210625**; **FR 3105692 B1 20220114**; CN 114930872 A 20220819; CN 114930872 B 20230404; EP 4082222 A1 20221102; US 11627411 B2 20230411; US 2023044069 A1 20230209; WO 2021130441 A1 20210701

DOCDB simple family (application)  
**FR 1915555 A 20191224**; CN 202080090030 A 20201221; EP 20851218 A 20201221; FR 2020052576 W 20201221; US 202017787374 A 20201221