

Title (en)
LOUDSPEAKER

Title (de)
LAUTSPRECHER

Title (fr)
HAUT-PARLEUR

Publication
EP 3639526 A1 20200422 (FR)

Application
EP 18729707 A 20180615

Priority
• FR 1755408 A 20170615
• EP 2018065919 W 20180615

Abstract (en)
[origin: WO2018229242A1] The invention relates to a loudspeaker (10) comprising: - a frame (12); - a device (20) suitable for generating a magnetic field in a magnetic circuit (16) exhibiting an air gap (18); - turns (24) of conductive materials suitable for moving in this air gap (18); - a diaphragm (26) that is rigidly connected to the turns (24) of conductive materials and that is capable of moving in a direction of movement (Z) with respect to the frame (12), the diaphragm (26) having an inner face (26A) and an outer face (26B), the inner face (26A) of the diaphragm (26) being positioned facing the frame (12); and - a grid (30) that is intended to stiffen the diaphragm (26), the shape of the grid (50) allowing the grid (30) to be bonded to the outer face (26B) of the diaphragm (26).

IPC 8 full level
H04R 7/26 (2006.01); **H04R 7/12** (2006.01)

CPC (source: EP US)
H04R 7/125 (2013.01 - US); **H04R 7/14** (2013.01 - EP); **H04R 7/26** (2013.01 - EP US); **H04R 9/06** (2013.01 - EP US); **H04R 7/125** (2013.01 - EP)

Citation (search report)
See references of WO 2018229242A1

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)
WO 2018229242 A1 20181220; EP 3639526 A1 20200422; FR 3067902 A1 20181221; FR 3067902 B1 20200828; US 11178492 B2 20211116; US 2020120425 A1 20200416

DOCDB simple family (application)
EP 2018065919 W 20180615; EP 18729707 A 20180615; FR 1755408 A 20170615; US 201816622696 A 20180615