

Title (en)
LOUDSPEAKER

Title (de)
LAUTSPRECHER

Title (fr)
HAUT-PARLEUR

Publication
EP 4282166 A1 20231129 (DE)

Application
EP 22703299 A 20220120

Priority
• DE 102021200633 A 20210125
• EP 2022051258 W 20220120

Abstract (en)
[origin: WO2022157255A1] Described is a loudspeaker (10) comprising two diaphragms (20), which are arranged opposing one another, a drive unit (30) for deflecting the two diaphragms (20) in response to a control signal, wherein the drive unit (30) is coupled with the two diaphragms (20) in such a manner that a first of the two diaphragms (20) is deflected in a first direction and a second of the two diaphragms (20) is deflected in a second direction, which is the same as the first direction.

IPC 8 full level
H04R 7/08 (2006.01); **H04R 1/32** (2006.01); **H04R 7/04** (2006.01); **H04R 9/06** (2006.01)

CPC (source: EP US)
H04R 1/345 (2013.01 - US); **H04R 7/08** (2013.01 - EP); **H04R 7/127** (2013.01 - US); **H04R 7/18** (2013.01 - US); **H04R 9/025** (2013.01 - US); **H04R 9/045** (2013.01 - US); **H04R 9/06** (2013.01 - US); **H04R 9/063** (2013.01 - EP); **H04R 1/323** (2013.01 - EP); **H04R 7/04** (2013.01 - EP); **H04R 2209/024** (2013.01 - US)

Citation (search report)
See references of WO 2022157255A1

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)
DE 102021200633 A1 20220728; **DE 102021200633 B4 20230223**; CN 117322011 A 20231229; EP 4282166 A1 20231129; TW 202236254 A 20220916; TW I828049 B 20240101; US 2023362536 A1 20231109; WO 2022157255 A1 20220728

DOCDB simple family (application)
DE 102021200633 A 20210125; CN 202280023492 A 20220120; EP 2022051258 W 20220120; EP 22703299 A 20220120; TW 111103209 A 20220125; US 202318354116 A 20230718