

Title (en)
LINE ARRAY SPEAKER

Title (de)
LINE-ARRAY-LAUTSPRECHER

Title (fr)
HAUT-PARLEUR POUR GROUPEMENT LINÉAIRE

Publication
EP 3758390 A1 20201230 (EN)

Application
EP 19188329 A 20190725

Priority
KR 20190076187 A 20190626

Abstract (en)
A line array speaker provided with a plurality of speaker modules linearly arranged therein is disclosed. Advantages of the line array speaker can be maximized using flat-panel speaker modules. The line array speaker includes at least one speaker module provided with a diaphragm that vibrates in a second direction perpendicular to a first direction and extends in the first direction, a housing extending in the first direction while including the plurality of speaker modules, and a conductive unit configured to supply electricity having a substantially identical phase to the plurality of speaker modules. The speaker modules are arranged in the housing in the first direction

IPC 8 full level
H04R 1/40 (2006.01); **H04R 9/04** (2006.01); **H04R 1/28** (2006.01); **H04R 1/34** (2006.01); **H04R 7/10** (2006.01); **H04R 7/20** (2006.01); **H04R 9/02** (2006.01)

CPC (source: EP KR)
H04R 1/06 (2013.01 - KR); **H04R 1/2811** (2013.01 - KR); **H04R 1/403** (2013.01 - KR); **H04R 1/406** (2013.01 - EP); **H04R 9/025** (2013.01 - KR); **H04R 9/046** (2013.01 - KR); **H04R 9/048** (2013.01 - EP); **H04R 1/2826** (2013.01 - EP); **H04R 1/345** (2013.01 - EP); **H04R 7/10** (2013.01 - EP); **H04R 7/20** (2013.01 - EP); **H04R 9/025** (2013.01 - EP); **H04R 2201/403** (2013.01 - EP); **H04R 2209/027** (2013.01 - EP); **H04R 2400/11** (2013.01 - KR)

Citation (applicant)
KR 200387458 Y1 20050617

Citation (search report)
• [XA] US 2007263894 A1 20071115 - STILES ENRIQUE M [US]
• [IAY] KR 20150112644 A 20151007 - DS GLOBAL [KR]
• [YA] US 2018295451 A1 20181011 - MIN DONG HOON [KR], et al
• [Y] US 2017188134 A1 20170629 - LAGE ANTONIO M [US], et al
• [A] US 7903834 B1 20110308 - GRABER CURTIS E [US]

Cited by
FR3129762A1

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)
EP 3758390 A1 20201230; **EP 3758390 B1 20220511**; KR 102079372 B1 20200407

DOCDB simple family (application)
EP 19188329 A 20190725; KR 20190076187 A 20190626