

Title (en)
ACOUSTIC LOUDSPEAKER

Title (de)
AKUSTISCHER LAUTSPRECHER

Title (fr)
HAUT-PARLEUR ACOUSTIQUE

Publication
EP 2577992 B1 20181205 (FR)

Application
EP 11726910 A 20110527

Priority
• FR 1054130 A 20100528
• FR 2011051207 W 20110527

Abstract (en)
[origin: WO2011148109A1] Acoustic loudspeaker (1) comprising: a movable membrane (2); a source of constant magnetic field (4), a coil mechanically secured to said membrane (2) and interacting with the magnetic field so as to displace the membrane (2), when it is traversed by an alternating current, characterized in that the membrane (2) carries the coil (3) at its periphery, and in that the magnetic field source (1) is formed by a set of at least one magnetized element (6) disposed at the periphery of said membrane (2), around the coil (3), the magnetic field generated by said at least one magnetized element (6) being in a plane parallel to the membrane (2).

IPC 8 full level
H04R 7/04 (2006.01); **H04R 7/12** (2006.01); **H04R 7/16** (2006.01); **H04R 9/04** (2006.01)

CPC (source: EP US)
H04R 7/04 (2013.01 - EP US); **H04R 7/12** (2013.01 - EP US); **H04R 7/16** (2013.01 - EP US); **H04R 9/025** (2013.01 - EP US);
H04R 9/04 (2013.01 - EP US); **H04R 2209/024** (2013.01 - EP US); **H04R 2231/003** (2013.01 - EP US); **H04R 2499/13** (2013.01 - EP US)

Citation (examination)
• US 2006251286 A1 20061109 - STILES ENRIQUE M [US]
• JP S53129023 A 19781110 - MATSUSHITA ELECTRIC IND CO LTD
• EP 0613322 A2 19940831 - KENWOOD CORP [JP]

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

DOCDB simple family (publication)
WO 2011148109 A1 20111201; EP 2577992 A1 20130410; EP 2577992 B1 20181205; FR 2960738 A1 20111202; FR 2960738 B1 20150925;
US 2013064413 A1 20130314; US 9071898 B2 20150630

DOCDB simple family (application)
FR 2011051207 W 20110527; EP 11726910 A 20110527; FR 1054130 A 20100528; US 201113699180 A 20110527