

Title (en)
DIRECT RADIATION, PURE BERYLLIUM ACOUSTIC TRANSDUCER HAVING A CONCAVE MEMBRANE, USED FOR AUDIO APPLICATIONS, ESPECIALLY FOR LOUDSPEAKER CABINETS

Title (de)
AKUSTISCHER WANDLER AUS BERYLLIUM

Title (fr)
TRANSDUCTEUR ACOUSTIQUE EN BERYLLIUM

Publication
EP 1618761 A2 20060125 (FR)

Application
EP 04742314 A 20040322

Priority
• FR 2004000704 W 20040322
• FR 0304733 A 20030416

Abstract (en)
[origin: FR2854021A1] Loudspeaker for an acoustic enclosure, notably a tweeter or medium, incorporates a spherical membrane (2) with direct radiation as its dome, with a surface concave with respect to the coil (3) and on which, preferably, is fixed at a certain level of the plane (A-B), for example at mid-height, the mobile coil in order to assure an optimal mechanical coupling capable of reproducing frequencies below 1 kHz with an elevated yield. Independent claims are also included for: (a) fabrication of tweeter or medium domes; (b) a tool for forming thin metal sheets for the fabrication of three dimensional components during the fabrication of these domes; (c) a dome for a loudspeaker of an acoustic enclosure, notably for a tweeter or medium; and (d) an acoustic enclosure incorporating at least one such loudspeaker.

IPC 1-7
H04R 31/00

IPC 8 full level
H04R 7/12 (2006.01); **H04R 31/00** (2006.01)

CPC (source: EP KR US)
H04R 1/1058 (2013.01 - KR); **H04R 7/127** (2013.01 - EP KR US); **H04R 31/003** (2013.01 - EP KR US); **H04R 2201/029** (2013.01 - KR); **H04R 2307/027** (2013.01 - KR); **Y10T 29/49005** (2015.01 - EP US); **Y10T 29/4908** (2015.01 - EP US)

Citation (search report)
See references of WO 2004095881A2

Citation (examination)
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WO2017103360A1; US10820111B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2854021 A1 20041022; FR 2854021 B1 20060331; AU 2004231892 A1 20041104; CA 2522519 A1 20041104; CA 2522519 C 20121204; CN 1774954 A 20060517; EP 1618761 A2 20060125; JP 2006523981 A 20061019; KR 20060008898 A 20060127; RU 2005135455 A 20070610; US 2006113144 A1 20060601; US 2009200101 A1 20090813; US 7878297 B2 20110201; WO 2004095881 A2 20041104; WO 2004095881 A3 20041229

DOCDB simple family (application)
FR 0304733 A 20030416; AU 2004231892 A 20040322; CA 2522519 A 20040322; CN 200480010357 A 20040322; EP 04742314 A 20040322; FR 2004000704 W 20040322; JP 2006505744 A 20040322; KR 20057019673 A 20051014; RU 2005135455 A 20040322; US 36553709 A 20090204; US 55318504 A 20040322