

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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