

Title (en)

A diaphragm for an electrodynamic transducer

Title (de)

Membran für einen elektrodynamischen Wandler

Title (fr)

Diaphragme pour transducteur électrodynamique

Publication

**EP 2003927 A1 20081217 (EN)**

Application

**EP 07109967 A 20070611**

Priority

EP 07109967 A 20070611

Abstract (en)

The diaphragm (14) has a coil (16) of electrically conducting wire secured thereto and a stabilising member (21) is provided for preventing deformation of the coil. The coil (16) can have a rectangular cross section with four substantially flat portions (17, 18, 19, 20) with the stabilising member provided at the substantially flat portion to prevent deformation. The stabilising member (21) can be provided at a transition zone (22) between the coil (16) and the diaphragm (14) and can be a disc or a ring arranged within the coil (16). The stabilising member (21) can be a disc within the coil (16) with the disc and a central portion of the diaphragm (14) in an overlaying arrangement.

IPC 8 full level

**H04R 9/04** (2006.01)

CPC (source: EP)

**H04R 9/041** (2013.01)

Citation (search report)

- [X] US 2006191741 A1 20060831 - HORIGOME MINORU [JP], et al
- [X] US 2004101155 A1 20040527 - CHAN YEN-CHEN [TW]
- [X] JP S6130897 A 19860213 - FOSTER ELECTRIC CO LTD
- [A] US 4322584 A 19820330 - SHIMADA KUNIHICO, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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