

Title (en)
Electroacoustic transducer

Title (de)
Elektroakustikwandler

Title (fr)
Transducteur électroacoustique

Publication
EP 2472905 A1 20120704 (EN)

Application
EP 11150121 A 20110104

Priority
EP 11150121 A 20110104

Abstract (en)
An electroacoustic transducer (speaker or microphone) has a coil attached to a diaphragm and a permanent magnet arrangement. The diaphragm comprises a flexible circuit board, wherein electrical and mechanical connection is made between the flexible circuit board and the coil. This provides a simple mechanical and electrical connection for the coil with low component count and cost and with good reliability.

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

CPC (source: EP)
H04R 7/04 (2013.01); **H04R 9/04** (2013.01)

Citation (applicant)
WO 2004014104 A2 20040212 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Citation (search report)
• [XYI] US 2004086149 A1 20040506 - JOHANNSEN LEIF [DK], et al
• [XI] JP 2010258495 A 20101111 - TAMAI TOORU
• [Y] JP S6066600 A 19850416 - MATSUSHITA ELECTRIC IND CO LTD

Cited by
CN107113502A; CN103024638A; FR3140726A1; US9838794B2; US10149062B2; WO2020034707A1; WO2020140176A1; WO2016155326A1; WO2020140177A1; US9503822B2

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 2472905 A1 20120704; WO 2012093058 A1 20120712

DOCDB simple family (application)
EP 11150121 A 20110104; EP 2011074123 W 20111228