

Title (en)

ACOUSTIC TRANSDUCER ARRANGEMENT HAVING TWO PARALLEL CONNECTING ELEMENTS AND METHOD FOR PRODUCING AN ACOUSTIC TRANSDUCER ARRANGEMENT HAVING TWO PARALLEL CONNECTING ELEMENTS

Title (de)

SCHALLWANDLERANORDNUNG MIT ZWEI PARALLEL ANGEORDNETEN STEGEN UND VERFAHREN ZUR HERSTELLUNG EINER SCHALLWANDLERANORDNUNG MIT ZWEI PARALLEL ANGEORDNETEN STEGEN

Title (fr)

ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DEUX ÉLÉMENTS DE JONCTION DISPOSÉS PARALLÈLEMENT ET PROCÉDÉ DE FABRICATION D'UN ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DEUX ÉLÉMENTS DE JONCTION DISPOSÉS PARALLÈLEMENT

Publication

EP 3386650 A1 20181017 (DE)

Application

EP 16788685 A 20161028

Priority

- DE 102015224773 A 20151210
- EP 2016076078 W 20161028

Abstract (en)

[origin: WO2017097496A1] An acoustic transducer arrangement (100) comprising: a perforated plate carrier (101) having a plurality of through-holes (111); a plurality of piezoelectric elements (104), each piezoelectric element (104) having a first electrode (105) and a second electrode (106), the first electrode (105) being opposite the second electrode (106) and a piezoelectric element (104) being provided within each through-hole (111); and a top layer (103), the top layer (103) being provided above the perforated plate carrier (101) and the piezoelectric elements (104), wherein the second electrodes (106) of the piezoelectric elements (104) are connected in an electrically conductive manner to the top layer (103), characterized in that the perforated plate carrier (101) has at least two parallel, spaced connecting elements (102, 117) laterally between two through-holes (111) and the top layer (103) has first connecting regions (108) with the connecting elements (102) which are directly adjacent to the through-hole (111).

IPC 8 full level

B06B 1/06 (2006.01); **G10K 9/22** (2006.01); **G10K 11/00** (2006.01)

CPC (source: EP)

B06B 1/0622 (2013.01); **G10K 9/22** (2013.01); **G10K 11/004** (2013.01)

Citation (search report)

See references of WO 2017097496A1

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)

DE 102015224773 A1 20170614; CN 108367315 A 20180803; CN 108367315 B 20200925; EP 3386650 A1 20181017; EP 3386650 B1 20210414; WO 2017097496 A1 20170615

DOCDB simple family (application)

DE 102015224773 A 20151210; CN 201680072526 A 20161028; EP 16788685 A 20161028; EP 2016076078 W 20161028