

Title (en)

ACOUSTIC TRANSDUCER ARRANGEMENT HAVING CONCENTRIC CONNECTING ELEMENTS AND METHOD FOR PRODUCING AN ACOUSTIC TRANSDUCER ARRANGEMENT HAVING CONCENTRIC CONNECTING ELEMENTS

Title (de)

SCHALLWANDLERANORDNUNG MIT KONZENTRISCHEN STEGEN UND VERFAHREN ZUR HERSTELLUNG EINER SCHALLWANDLERANORDNUNG MIT KONZENTRISCHEN STEGEN

Title (fr)

ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DES ÉLÉMENTS DE JONCTION CONCENTRIQUES ET PROCÉDÉ DE FABRICATION D'UN ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DES ÉLÉMENTS DE JONCTION CONCENTRIQUES

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Application

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Priority

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Abstract (en)

[origin: WO2017097473A1] 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, laterally between two through-holes (111), at least two concentric connecting elements (102) which have a central point in common with one of the two through-holes (111), and the top layer (103) has a first connecting region (108) with each connecting element (102) which is directly adjacent to the associated through-hole (111).

IPC 8 full level

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