

Title (en)

ACOUSTIC TRANSDUCER ARRANGEMENT HAVING ANNULAR CONNECTING REGIONS AND METHOD FOR PRODUCING AN ACOUSTIC TRANSDUCER ARRANGEMENT HAVING ANNULAR CONNECTING REGIONS

Title (de)

SCHALLWANDLERANORDNUNG MIT RINGFÖRMIGEN VERBINDUNGSBEREICHEN UND VERFAHREN ZUR HERSTELLUNG EINER SCHALLWANDLERANORDNUNG MIT RINGFÖRMIGEN VERBINDUNGSBEREICHEN

Title (fr)

ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DES ZONES DE LIAISON ANNULAIRES ET PROCÉDÉ DE FABRICATION D'UN ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT DES ZONES DE LIAISON ANNULAIRES

Publication

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Application

**EP 16781792 A 20161014**

Priority

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- EP 2016074684 W 20161014

Abstract (en)

[origin: WO2017097474A1] 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 top layer (103) and the perforated plate carrier (101) have first connecting regions (108) which are situated concentrically around the through-holes (111), the first connecting regions (108) each having a larger diameter than the through-holes (111) and the first connecting regions (108) being annular.

IPC 8 full level

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