

Title (en)

ELECTRICALLY CONDUCTIVE MEMBRANE PUMP/TRANSDUCER AND METHODS TO MAKE AND USE SAME

Title (de)

ELEKTRISCH LEITFÄHIGE MEMBRANPUMPEN/WANDLER UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

TRANSDUCTEUR/POMPE À MEMBRANE ÉLECTROCONDUCTRICE, ET PROCÉDÉS POUR LEUR FABRICATION ET LEUR UTILISATION

Publication

EP 3158774 A1 20170426 (EN)

Application

EP 15736708 A 20150618

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Abstract (en)

[origin: WO2015195952A1] An improved electrically conductive membrane pump/transducer. The electrically conductive pump/transducer includes an array of electrically conductive membrane pumps that combine to generate a desired sound by moving a membrane (such as a membrane of PDMS), a piston, and/or by the use of pressurized airflow in the absence of such a membrane or piston. The electrically conductive membranes in the array can be, for example, graphene-polymer membranes. The electrically conductive pump can include mid-range, tweeter, and sub-woofer speakers.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2015195952A1

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