Title (en)

ACOUSTIC SYSTEM HAVING A HOUSING WITH ADSORBENT POWDER

Title (de)

AKUSTISCHES SYSTEM MIT EINEM GEHÄUSE MIT ADSORBIERENDEM PULVER

Title (fr)

SYSTÈME ACOUSTIQUE POURVU D'UN BOÎTIER CONTENANT UNE POUDRE ADSORBANTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014195476A1] The invention relates to an acoustic system, in particular a transducer, having a housing (2) which encloses a volume and in which at least one surface, or a sub-surface, is formed by a sheet-like structure (1) which is mounted for vibration, wherein powder (3) made of adsorbent material is present in the volume, wherein the powder (3) is selected such that vibration of the sheet-like structure (1) mounted for vibration causes movement of the powder (3) in the volume such that an adsorption-active surface is raised up, wherein the adsorbent material is selected such that an increase in pressure brought about by vibration of the sheet-like structure (1) mounted for vibration gives rise to adsorption of air or gas located in the volume and lowering in pressure brought about by vibration of the sheet-like structure (1) mounted for vibration gives rise to desorption of air or gas located in the volume. The powder (3) here is freely movable in the housing.

IPC 8 full level

H04R 1/28 (2006.01); **H04R 21/02** (2006.01)

CPC (source: EP US)

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