

Title (en)

CAPACITIVE SOUND TRANSDUCER HAVING A PERFORATED ATTENUATION DISC

Title (de)

KAPAZITIVER SCHALLWANDLER MIT PERFORIERTER DÄMPFUNGSSCHEIBE

Title (fr)

TRANSDUCTEUR ACOUSTIQUE CAPACITIF AYANT UN DISQUE D'AMORTISSEMENT PERFORE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007031270A1] The invention relates to a capacitive sound transducer and a capacitor microphone having such a sound transducer. The sound transducer comprises a diaphragm (3) and a counterelectrode (1), which is arranged at a short distance from the diaphragm (3) and has a first perforation (2). In order to attenuate natural oscillations of the diaphragm (3) at high frequencies, a capacitive sound transducer is proposed in which a sound-permeable attenuation disc (7) is arranged at a short distance from the diaphragm (3) and opposite the counterelectrode (1), which attenuation disc has a second perforation (8). In addition, in this case the first perforation (2) and the second perforation are arranged such that they are offset with respect to one another.

IPC 8 full level

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