

Title (en)

ACOUSTIC TRANSDUCER HEAD, ACOUSTIC TRANSDUCER PROVIDED WITH SAID HEAD AND METHOD FOR ACOUSTIC TRANSDUCTION, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

SCHALLWANDLERKOPF, DIESEN UMFASSENDEN SCHALLWANDLER UND VERFAHREN ZUR SCHALLWANDLUNG, INSBESONDERE FÜR EIN KRAFTFAHRZEUG

Title (fr)

TETE DE TRANSDUCTEUR ACOUSTIQUE, TRANSDUCTEUR ACOUSTIQUE POURVU DE CETTE TETE ET PROCEDE DE TRANSDUCTION ACOUSTIQUE, EN PARTICULIER POUR UN VEHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: DE10149169C1] The invention relates to an acoustic transducer head (4), comprising at least one admission opening (5) for an inlet line, at least one first pulsation converting member (13) and at least one acoustic radiation zone (9) in a housing (3). According to said invention, a substantially airtight partition (7) divides said housing (3) into at least two sections, a first section being functionally linked to the admission opening (5) and the second section to the acoustic radiation zone. Said first pulsation converting member (13) is arranged in the first section, which is divided into a first chamber (15) and a second chamber (17). A pressure compensation device (19) is arranged between the first chamber (15) and the second chamber (17). A second pulsation converting member is arranged at least partially in said second section, such that at least one member part can move and a transmitting device (25) is arranged between the first and second sections for transmitting oscillations of the first pulsation converting member (13) to the second pulsation converting member (31). Said invention also relates to an acoustic transducer, provided with said head, as well as to a method for acoustic transduction.

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