

Title (en)  
SOUND TRANSDUCER ARRANGEMENT HAVING AN MEMS UNIT

Title (de)  
SCHALLWANDLERANORDNUNG MIT EINER MEMS-EINHEIT

Title (fr)  
ENSEMBLE TRANSDUCTEUR ACOUSTIQUE COMPRENANT UNE UNITÉ MEMS

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: CA3068339A1] The invention relates to a sound transducer arrangement (1) for generating and/or detecting sound waves in the audible wavelength spectrum, having an acoustic unit (2), which comprises an oscillatable diaphragm (3), having an MEMS unit (4), which comprises an MEMS structure (5), coupled to the diaphragm (3), for generating and/or detecting a deflection of the diaphragm (3), and having a support unit (6) on which the MEMS unit (4) and the acoustic unit (2) are arranged. According to the invention, the support unit (6) comprises a metal leadframe (7) and a plastic body (8), in which the leadframe (7) is partially cast.

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