

Title (en)  
ELECTROACOUSTIC TRANSDUCER

Title (de)  
ELEKTROAKUSTISCHER WANDLER

Title (fr)  
TRANSDUCTEUR ÉLECTROACOUSTIQUE

Publication  
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Application  
**EP 09740041 A 20090922**

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Abstract (en)  
[origin: WO2011035746A1] The invention relates to an electroacoustic transducer which comprises a diaphragm (12), the edge thereof being retained in a housing (11), and an actuator (13) acting upon the diaphragm (12) for bringing about an oscillatory motion of the diaphragm (12). In order to devise a light-weight electroacoustic transducer which can especially be used as transmission transducer in underwater acoustic engineering, and which requires little space and is inexpensive to produce, the actuator (13) consists of a plurality of flexural resonators (15) which are mounted on the housing (11) on one side, which are interspaced in the peripheral direction of the diaphragm (12) and which are connected to the diaphragm (12) at their ends facing away from the housing (11).

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