

Title (en)  
PASSIVE MICROPHONE WITH WIRELESS TRANSMISSION

Title (de)  
PASSIVES MIKROFON MIT DRAHTLOSER ÜBERTRAGUNG

Title (fr)  
MICROPHONE PASSIF A TRANSFERT SANS FIL

Publication  
**EP 1142444 B1 20031015 (DE)**

Application  
**EP 99952376 A 19990812**

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Abstract (en)  
[origin: WO0042813A1] The invention relates to a passive microphone (1) for wireless transmission of acoustic data to a receiver unit (6), comprising a piezoelectric device (4) for receiving and storing excitation energy of the receiver unit (6) and for wireless transmission of detected acoustic signals converted into electrical signals to the receiver unit (6). The inventive microphone (1) is configured as a passive component, i.e. without its own energy supply. Said embodiment enables a light-weight and robust construction and provides considerable advantages especially for telephone applications.

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