

Title (en)

SOUND PROBE WITH MULTIPLE ELEMENTS COMPRISING A COMMON EARTH ELECTRODE

Title (de)

SCHALLWANDLER MIT MEHREREN ELEMENTEN UND GEMEINSAMER MASSENELEKTRODE

Title (fr)

SONDE ACOUSTIQUE MULTIELEMENTS COMPRENANT UNE ELECTRODE DE MASSE COMMUNE

Publication

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Application

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Abstract (en)

[origin: FR2756447A1] The invention concerns a sound probe with multiple elements comprising piezoelectric transducers (Tij) and a bonding network connecting the acoustic transducers to an electronic device for controlling and processing the signal. This probe further comprises a continuous earth electrode (P) integrated between the transducers and the sound adapting elements, opposite the piezoelectric transducers, the sound adapting elements being totally decoupled from one another mechanically. The invention is applicable to medical or underwater imaging.

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