

Title (en)  
ULTRASOUND DEVICE

Title (de)  
ULTRASCHALLVORRICHTUNG ZUR ÜBERTRAGUNG VON ULTRASCHALL IN EIN PROBENVOLUMEN

Title (fr)  
DISPOSITIF A ULTRASONS

Publication  
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Application  
**EP 02787342 A 20020927**

Priority  
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Abstract (en)  
[origin: WO03031084A2] The invention relates to an ultrasound device comprising a piezo element (4), which generates ultrasound waves, and intermediate elements (5, 6) via which the ultrasound waves are transmitted to a sonotrode (7) and into a sample volume inside a microtiter plate (1). A piezo element (4) comprises a number of sonotrodes (7), which radiate the ultrasound and which are arranged next to one another in a row. Between the point of origin of the sound wave on the piezo element (4) and the point of output of the sound wave on the radiating sonotrodes (7), the wave-transmitting elements (5, 16) do not widen at all with regard to the surface of the piezo element (4).

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