

Title (en)

ROD-SHAPED ULTRASONIC RESONATOR FOR PRODUCING ULTRASOUND IN LIQUIDS

Title (de)

ULTRASCHALL-STABSCHWINGER ZUR ERZEUGUNG VON ULTRASCHALL IN FLÜSSIGKEITEN

Title (fr)

TRANSDUCTEUR A TIGE POUR LES ULTRASONS DESTINE A PRODUIRE UN ULTRASON DANS DES LIQUIDES

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Application

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Abstract (en)

[origin: WO2006087053A1] The invention relates to a rod-shaped ultrasonic resonator which comprises a heat-transfer element that is coupled to the piezoelectric transducer in a thermally advantageous manner. The heat-transfer element reduces the thermal resistance relative to the surrounding atmosphere or the housing and thereby relative to the bath when the rod-shaped resonator is submerged in said bath.

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