

Title (en)
POROUS MATCHING LAYER IN AN ULTRASONIC APPLICATOR

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Application
EP 85109705 A 19850802

Priority
DE 3430161 A 19840816

Abstract (en)
[origin: US4686409A] A material is disclosed for use as an adaptation layer in ultrasonic transducer units of the type which have a piezo-ceramic transducer. The material is porous, and the acoustic impedance of the material can be adjusted (in one embodiment, to 12x106 kg/cm2s) by adjusting the porosity of the material. In preferred embodiments, the material is piezo-electric and may have a porosity gradient.

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G10K 11/02

IPC 8 full level
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