

Title (en)
ULTRASONIC TRANSDUCER

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Application
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Priority
DE 2914031 A 19790406

Abstract (en)
[origin: US4354132A] In exemplary embodiments, a transmitting layer of material having a relatively high dielectric constant and high acoustic impedance, and a receiving layer of material having a relatively low dielectric constant and low acoustic impedance are superimposed such that an optimum construction is provided which simultaneously creates optimum results for the instance of transmission and reception. The two layers are interconnected by means of hybrid techniques such that they mate in a laminar manner.

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CPC (source: EP US)
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Cited by
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US 4354132 A 19821012; AT E2293 T1 19830215; AU 5715680 A 19801009; CA 1154861 A 19831004; DE 2914031 B1 19800514; DE 2914031 C2 19810115; DE 3061665 D1 19830224; EP 0017216 A2 19801015; EP 0017216 A3 19801112; EP 0017216 B1 19830119; JP S55140392 A 19801101; JP S5856320 B2 19831214

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US 12537180 A 19800228; AT 80101743 T 19800401; AU 5715680 A 19800403; CA 349174 A 19800403; DE 2914031 A 19790406; DE 3061665 T 19800401; EP 80101743 A 19800401; JP 4402880 A 19800403