

Title (en)
ULTRASONIC TRANSDUCER

Publication
EP 0118837 B1 19880622 (DE)

Application
EP 84102147 A 19840229

Priority
DE 3309236 A 19830315

Abstract (en)
[origin: EP0118837A2] 1. An ultrasonic transducer having a supporting body (2), a transmitting layer (4) of a material with a relatively high dielectric constant and high acoustic impedance and a first lambda/4 coupling layer (8) that faces the transmitting layer (4), and a second lambda/4 coupling layer that faces a load, characterised in that the second lambda/4 coupling layer also serves as a receiving layer (6) and that the first lambda/4 coupling layer (8) also serves as backing for the receiving layer (6).

IPC 1-7
G10K 11/02

IPC 8 full level
H04R 17/00 (2006.01); **A61B 8/00** (2006.01); **G01N 29/24** (2006.01); **G10K 11/02** (2006.01)

CPC (source: EP)
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Cited by
EP2295154A1; DE19714606A1; US5263004A; EP0451517A1; EP0212352A1; US4718421A; US2023134074A1; US11806749B2;
DE102007027277A1; EP0421286A3; EP0166976A1; DE3501808A1; US4672591A; WO9932858A1

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AT DE FR GB

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DE 3309236 A1 19840920; DE 3472318 D1 19880728; JP H0453117 Y2 19921214; JP S59161800 U 19841030

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