

Title (en)
Improvements in or relating to ultrasonic transducers.

Title (de)
Ultraschallwandler.

Title (fr)
Transducteurs ultrasoniques.

Publication
EP 0043195 A1 19820106 (EN)

Application
EP 81302576 A 19810610

Priority
GB 8021043 A 19800626

Abstract (en)
An ultrasonic transducer including a plate of piezoelectric material which can be excited to produce ultrasonic vibrations in a medium which is coupled acoustically to the transducer, and means for so exciting the plate of piezoelectric material, wherein the plate of piezoelectric material is divided into elements such that each element has at least one dimension which is considerably smaller than the thickness of the plate of piezoelectric material.

IPC 1-7
G10K 11/34

IPC 8 full level
H04R 1/44 (2006.01); **B06B 1/06** (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)
B06B 1/0622 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 0043195 A1 19820106; JP S5748898 A 19820320

DOCDB simple family (application)
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