

Title (en)  
Method of manufacturing an ultrasonic transducer

Title (de)  
Verfahren zur Herstellung eines Ultraschallwandlers

Title (fr)  
Procédé de fabrication d'un transducteur à ultrasons

Publication  
**EP 1201322 B1 20100303 (DE)**

Application  
**EP 01121973 A 20010913**

Priority  
DE 10052636 A 20001024

Abstract (en)  
[origin: EP1201322A2] The method involves producing ceramic elements as piezoelectric or electrostrictive rods (20) with a constant thickness plastic coating, feeding them to a container (31) with a vibration drive to pack them vertically, filling the container with plastic, resin or polyurethane, removing the container after setting, grinding until the rods are at a length suitable for a working frequency and arranging electrodes to contact some or all rods. Independent claims are also included for the following: an ultrasonic transducer.

IPC 8 full level  
**B06B 1/06** (2006.01)

CPC (source: EP US)  
**B06B 1/0629** (2013.01 - EP US); **Y10T 29/42** (2015.01 - EP US); **Y10T 29/49004** (2015.01 - EP US); **Y10T 29/49005** (2015.01 - EP US); **Y10T 29/49169** (2015.01 - EP US)

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