

Title (en)

Ultrasound transducer and method for manufacturing an ultrasound transducer

Title (de)

Ultraschallwandler und Verfahren zur Herstellung eines Ultraschallwandlers

Title (fr)

Transducteur ultrasonore et procédé de production d'un transducteur ultrasonore

Publication

**EP 1145772 B1 20081210 (DE)**

Application

**EP 01108898 A 20010410**

Priority

DE 10018355 A 20000413

Abstract (en)

[origin: EP1145772A2] The ultrasound transducer (2) has a piezoelectric body (6), which has a number of transducer elements and a strip conductor foil (8) on a flat side (12), which has a conductive track pattern that determines the geometrical distribution of the transducer elements. Preferably, the geometrical distribution is a simple form, without any special structure. The film may be glued or mechanically pressed onto the piezoelectric body. An Independent claim is included for a method for manufacture the transducer.

IPC 8 full level

**B06B 1/06** (2006.01)

CPC (source: EP)

**B06B 1/0622** (2013.01)

Cited by

CN101733244A; DE102004022838A1; EP2631015A3; GB2588218A; GB2588218B; EP4045880A4; US9423382B2; US7471034B2; WO2012116952A1; WO2005107962A1

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DE ES FR GB NL

DOCDB simple family (publication)

**EP 1145772 A2 20011017; EP 1145772 A3 20030903; EP 1145772 B1 20081210**; DE 10018355 A1 20011220; DE 50114555 D1 20090122

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