

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; US7471034B2; WO2012116952A1; WO2005107962A1; US9423382B2

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DOCDB simple family (publication)
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