

Title (en)  
PIEZOELECTRIC TRANSFORMER

Title (de)  
PIEZOELEKTRISCHER TRANSFORMATOR

Title (fr)  
TRANSFORMATEUR PIEZO-ELECTRIQUE

Publication  
**EP 1776724 A1 20070425 (DE)**

Application  
**EP 05774390 A 20050804**

Priority  
• DE 2005001383 W 20050804  
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Abstract (en)  
[origin: WO2006015580A1] The invention relates to a piezoelectric transformer comprising a base body containing a piezoelectric material. The piezoelectric material is polarised in an inlet part (1) of the base body, along a first axis, and in an outlet part (2) of the base body, along a second axis perpendicular to the first axis. The polarisation of the piezoelectric material gradually changes direction in a transition region between the inlet part and the outlet part, from a polarisation along the first axis to a polarisation along the second axis.

IPC 8 full level  
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DE

DOCDB simple family (publication)  
**WO 2006015580 A1 20060216**; DE 112005002597 A5 20070802; EP 1776724 A1 20070425; JP 2008509566 A 20080327; US 2007278906 A1 20071206

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**DE 2005001383 W 20050804**; DE 112005002597 T 20050804; EP 05774390 A 20050804; JP 2007525160 A 20050804; US 70685907 A 20070213