

Title (en)  
PIEZOACTUATOR WITH PROTECTIVE RESISTOR

Title (de)  
PIEZOAKTOR MIT SCHUTZWIDERSTAND

Title (fr)  
ACTIONNEUR PIEZO-ELECTRIQUE AVEC RESISTANCE PROTECTRICE

Publication  
**EP 1932190 A1 20080618 (DE)**

Application  
**EP 06778246 A 20060815**

Priority  
• EP 2006065325 W 20060815  
• DE 102005046118 A 20050927

Abstract (en)  
[origin: DE102005046118A1] The actuator has a set of piezoelectric layers (3) between which layer electrodes (5, 6) are arranged. The layer electrodes are alternatively connected with connection electrodes (8, 9), and protective resistors (16) are provided between the connection electrodes and the layers electrodes. The protective resistors are formed by metallic layers between the piezoelectric layers, are arranged within the layer electrode and form films within the layer electrodes.

IPC 8 full level  
**H01L 41/083** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
See references of WO 2007036392A1

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