

Title (en)

ARRANGEMENT WITH A PIEZOACTUATOR AND A METHOD FOR PRODUCTION THEREOF

Title (de)

ANORDNUNG MIT EINEM PIEZOAKTOR UND EIN VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

DISPOSITIF COMPRENANT UN ACTIONNEUR PIEZO-ELECTRIQUE ET PROCEDE POUR LE PRODUIRE

Publication

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Application

EP 06819048 A 20060717

Priority

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Abstract (en)

[origin: WO2007023034A2] The invention relates to an arrangement with a piezoactuator, for example for operation of a mechanical component, in particular a piezo injector, comprising a multilayer construction of piezo layers (26), held in a retainer body (2;29,30) as a piezoelement (3;21) with an internal alternating contacting of inner electrodes (22, 23) with contact elements (24, 25) provided on the piezoelement (3;21). Electrical lines (34, 35) run through a head piece (30) of the retainer body (29) to the contact elements (24,25). The lines (34, 35) embedded in a fixed manner in the head piece (30) may be connected to the contact elements (24, 25) by means of contact connections (37, 38), said contact connections (37,38) being able to lie in a centering and/or insulation sleeve (39) in the actuator base (28, 27) on the piezoelement (21) after the assembly of the piezo injector (20).

IPC 8 full level

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