

Title (en)
ARRANGEMENT COMPRISING A PIEZOACTUATOR

Title (de)
ANORDNUNG MIT EINEM PIEZOAKTOR

Title (fr)
ENSEMBLE COMPORTANT UN ACTIONNEUR PIEZOELECTRIQUE

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Application
EP 06792691 A 20060804

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Abstract (en)
[origin: WO2007033859A1] The invention relates to an arrangement comprising a piezoactuator, for example, a piezoinjector which is used to actuate a mechanical component. Said arrangement comprises a multilayered structure of piezolayers which are maintained as piezoelements (5) in the maintaining body (2). Internal electrodes and contact elements (22, 23, 31, 32) are in mutual contact on the piezoelement (5). An actuator base (9,21;33) is arranged between the piezoelement (5) and the maintaining body (2), and electric lines (12, 13) are guided towards the contact elements (22, 23;31,32). Said actuator base (9,21;33) is pressed against the maintaining body (2) on a sealing seat (20) in order to seal an inner chamber (4) by means of a pressurised liquid. Said actuator base (9,21;33) can be pressed against a maintaining body (2) on a spherical sealing seat (20) by means of a traction screwing (21,25).

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