

Title (en)

ACTUATOR ARRANGEMENT FOR USE IN A FUEL INJECTOR and process for assembling the same

Title (de)

AKTUATORANORDNUNG ZUR VERWENDUNG IN EINEM KRAFTSTOFFINJEKTOR und VERFAHREN ZU DEREN ZUSAMMENBAU

Title (fr)

AGENCEMENT D'ACTIONNEUR À UTILISER DANS UN INJECTEUR DE CARBURANT et procédé d'assemblage de celui-ci

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Application

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Abstract (en)

[origin: EP2476896A1] The invention discloses an actuator arrangement (10) for use in a fuel injector, comprising: #c a piezoelectric actuator having a body section (12), said body section having a first end piece (14) and a second end piece (16); #c an encapsulation member (24) which encloses the body section between the end pieces secured thereon, wherein potting material (34) is fitted between the encapsulation member and the body section, wherein the encapsulation member has a corrugated bellows form comprising a plurality of corrugations over its entire length #c wherein said second end piece comprises a ball-joint (40) having a central opening (50) which is sealed after the potting material has been introduced into the encapsulation member. The invention also discloses a process for assembling said actuator arrangement.

IPC 8 full level

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