

Title (en)

DEVICE AND CONSTANT CONTROL OF PIEZOELECTRIC ACTUATORS FOR FUEL INJECTION SYSTEMS

Title (de)

VORRICHTUNG ZUR KONSTANTSTEUERUNG PIEZOELEKTRISCHER AKTUATOREN FÜR KRAFTSTOFFEINSPRITZSYSTEME

Title (fr)

DISPOSITIF DE COMMANDE CONSTANTE D'ACTIONNEURS PIEZO-ELECTRIQUES POUR SYSTEMES D'INJECTION DE CARBURANT

Publication

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Application

EP 99957887 A 19991012

Priority

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- DE 19848950 A 19981023

Abstract (en)

[origin: DE19848950A1] The manipulated variable controlling change in length of the piezo stack is the electric charge (AQ) applied to the stack and generated by a charge generator (3). The generator is controlled by a control unit (2). The application and operating conditions of the IC engine, e.g. load and temperature and aging of the stack, are monitored by sensors (4). Their outputs are fed to the control unit to effect parameterization of the charge control system to adjust for these conditions

IPC 1-7

F02M 51/06

IPC 8 full level

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CPC (source: EP KR US)

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