

Title (en)

Determination of the piezoelectric element temperature and its utilization for correcting the drive voltage

Title (de)

Bestimmung der Temperatur eines piezoelektrischen Elements und Verwendung derselben zur Korrektur der Steuerspannung

Title (fr)

Détermination de la température d'un élément piézoélectrique et son utilisation pour corriger la tension de commande

Publication

**EP 1138935 B1 20071114 (EN)**

Application

**EP 00106985 A 20000401**

Priority

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Abstract (en)

[origin: EP1138935A1] The invention describes a method and an apparatus for charging a piezoelectric element, for example, used as an actuator in a fuel injection system of an internal combustion engine. The method and apparatus are characterized in that the piezoelectric element is activated by an activation voltage, which is corrected for the piezoelectric element's temperature. The piezoelectric element's temperature is determined by loss efficiency. <IMAGE>

IPC 8 full level

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