

Title (en)

Method for the control and diagnosis regarding the operation a fuel injector

Title (de)

VERFAHREN ZUR STEUERUNG UND DIAGNOSE BEZÜGLICH DES BETRIEBS EINES KRAFTSTOFFEINSPRITZERS

Title (fr)

PROCÉDÉ POUR LE CONTRÔLE ET LE DIAGNOSTIC CONCERNANT LE FONCTIONNEMENT D'UN INJECTEUR DE CARBURANT

Publication

EP 2930346 A1 20151014 (EN)

Application

EP 15159321 A 20150317

Priority

GB 201406356 A 20140409

Abstract (en)

In a fuel injector including an actuator operated valve, said valve being located within a valve body, a method comprising determining the condition where, or the point when, there is or is not electrical continuity between two injector components adapted to move relative to one another during operation. two components are i) one end of an actuator and ii) a control valve or valve needle. The method may determine when the gap between the two said components is reduced to zero and/or when there is electrical continuity between the end of the actuator and the valve/needle or proximal portion of the valve/needle. It may comprise the step of determining the point of contact between the end of the actuator and the valve/needle.

IPC 8 full level

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Citation (search report)

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- [X] DE 10129375 A1 20030102 - MTU FRIEDRICHSHAFEN GMBH [DE]
- [A] DE 19905340 A1 20000810 - SIEMENS AG [DE]
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