

Title (en)
APPARATUS AND METHOD FOR TESTING A PIEZOELECTRIC INJECTOR

Title (de)
VORRICHTUNG UND VERFAHREN ZUM PRÜFEN EINES PIEZOINJEKTORS

Title (fr)
DISPOSITIF ET SYSTÈME POUR TESTER UN INJECTEUR PIEZOÉLECTRIQUE

Publication
EP 1746277 A2 20070124 (DE)

Application
EP 06117127 A 20060713

Priority
DE 102005034869 A 20050721

Abstract (en)
The device has an electrical dummy load for a piezoelectric injector to be tested, where the load is connected between terminals. The load has a capacitor (8) and a suppressor diode (10), where the capacitance of the capacitor corresponds to the capacitance of the injector. A light emitting diode is connected to the capacitor. A current-direction dependant signal mechanism is switched in parallel to the capacitor. An independent claim is also included for a method for testing a piezoelectric injector.

Abstract (de)
Die Erfindung betrifft eine Vorrichtung und ein Verfahren zum Prüfen eines Piezoinjektors eines Common-Rail-Systems. Um die Fehlererkennung zu verbessern, umfasst die Prüfvorrichtung (1) eine elektrische Ersatzlast (8,10) für den Injektor.

IPC 8 full level
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CPC (source: EP)
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Cited by
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Designated extension state (EPC)
AL BA HR MK YU

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