

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 B1 20190410 (DE)**

Application  
**EP 06117127 A 20060713**

Priority  
DE 102005034869 A 20050721

Abstract (en)  
[origin: EP1746277A2] 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.

IPC 8 full level  
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**F02M 65/00** (2013.01); **F02D 41/2096** (2013.01); **F02D 41/22** (2013.01); **F02D 41/221** (2013.01); **F02D 2041/2086** (2013.01)

Cited by  
US8915126B2; CN102906415A; US2013139579A1; WO2011151097A1

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DE FR IT

DOCDB simple family (publication)  
**EP 1746277 A2 20070124; EP 1746277 A3 20100929; EP 1746277 B1 20190410; DE 102005034869 A1 20070125**

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