Title (en)
METHOD FOR TESTING AND REPAIRING A FUEL INJECTOR

Title (de)
VERFAHREN ZUM ÜBERPRÜFEN UND INSTANDSETZEN EINES KRAFTSTOFFINJEKTORS

Title (fr)
PROCÉDÉ POUR VÉRIFIER ET REMETTRE EN ÉTAT UN INJECTEUR DE CARBURANT

Publication
EP 2619441 B1 20150909 (DE)

Application
EP 11767597 A 20110922

Priority
• AT 15782010 A 20100922
• AT 2011000390 W 20110922

Abstract (en)
[origin: WO2012037590A1] In a method for testing and repairing an injector (1) for injecting fuel into the combustion chamber of an internal combustion engine, wherein the injector (1) has a nozzle (3), a restrictor plate (4), a control valve (5) and a nozzle clamping nut (6) which holds said parts together and by way of which said parts are fastened to an injector body (7) of the injector (1), the functional components of nozzle (3), restrictor plate (4) and control valve (5) are separated from the injector body (7), a connection piece (8) which serves to connect the functional components (3, 4, 5) to a test bench is screwed to the functional components (3, 4, 5) with the aid of the nozzle clamping nut (6) to form an injector module (2), and the injector module (2) is connected to a test bench and is subjected to testing and afterwards possibly repairing.

IPC 8 full level
F02M 61/16 (2006.01); **F02M 65/00** (2006.01)

CPC (source: AT EP KR US)
F02M 59/48 (2013.01 - US); **F02M 61/16** (2013.01 - KR); **F02M 61/168** (2013.01 - EP US); **F02M 65/00** (2013.01 - AT EP KR US); **F02M 65/001** (2013.01 - EP US); F02M 2200/40 (2013.01 - EP US); F02M 2200/8092 (2013.01 - EP US); Y10T 29/49718 (2015.01 - EP US); Y10T 29/49721 (2015.01 - EP US); Y10T 29/49764 (2015.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012037590 A1 20120329; AT 510462 A1 20120415; AT 510462 B1 20140415; CN 103109073 A 20130515; CN 103109073 B 20160615; EP 2619441 A1 20130731; EP 2619441 B1 20150909; JP 2013537949 A 20131007; JP 5718469 B2 20150513; KR 101495511 B1 20150226; KR 20130080846 A 20130715; US 2013185908 A1 20130725; US 9228552 B2 20160105

DOCDB simple family (application)
AT 2011000390 W 20110922; AT 15782010 A 20100922; CN 201180045484 A 20110922; EP 11767597 A 20110922; JP 2013529506 A 20110922; KR 20137010027 A 20110922; US 201113825612 A 20110922