

Title (en)

METHOD FOR TESTING THE FUNCTIONAL SOUNDNESS OF AT LEAST ONE INJECTION VALVE

Title (de)

VERFAHREN ZUM ÜBERPRÜFEN DER FUNKTIONSTÜCHTIGKEIT MINDESTENS EINES EINSPRITZVENTILS

Title (fr)

PROCEDE DE VERIFICATION DE LA CAPACITE DE FONCTIONNEMENT D'AU MOINS UN INJECTEUR

Publication

EP 2344743 A1 20110720 (DE)

Application

EP 09783623 A 20091001

Priority

- EP 2009062732 W 20091001
- DE 102008042605 A 20081006

Abstract (en)

[origin: WO2010040676A1] The invention relates to a method for testing the functional soundness of at least one injection valve (10) of an internal combustion engine (8), in which at least the functional soundness of a lambda probe (12) adapted to determine a state of the at least one injection valve (10) is tested, wherein a steady-state operating condition of the internal combustion engine (8) is established, and a test is performed to see whether at least one signal of the lambda probe (12) is stable for the established operating condition. Depending on whether the signal of the lambda probe (12) is stable or not, a lambda value for the at least one injection valve (10) is measured using the lambda probe (12) at the established operating condition.

IPC 8 full level

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Citation (search report)

See references of WO 2010040676A1

Citation (examination)

- DE 4243493 A1 19940623 - BOSCH GMBH ROBERT [DE]
- WO 2004040104 A1 20040513 - BOSCH GMBH ROBERT [DE], et al

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DOCDB simple family (application)

EP 2009062732 W 20091001; CN 200980139449 A 20091001; DE 102008042605 A 20081006; EP 09783623 A 20091001; US 99801009 A 20091001