

Title (en)
METHOD FOR ADAPTING TRANSIENT COMPENSATION

Title (de)
VERFAHREN ZUR ANPASSUNG DER ÜBERGANGSKOMPENSATION

Title (fr)
PROCÉDÉ D'ADAPTATION DE LA COMPENSATION TRANSITOIRE

Publication
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Application
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Abstract (en)
[origin: WO2014166654A1] The invention relates to a method for adapting transient compensation on the basis of a lambda-value change to operate an internal combustion engine comprising a combustion chamber. The combustion chamber comprises a first inlet port, connected to a first intake tube, in which tube a first injection valve is arranged. The combustion chamber further comprises a second inlet port, connected to a second intake tube, in which tube a second injection valve is arranged. In a normal mode of operation, a predetermined fuel quantity is injected, the predetermined fuel quantity being composed of a first fuel quantity to be injected through the first inlet valve and a second fuel quantity to be injected through the second inlet valve. In a first method step, the first injection valve remains closed and in a second method step, the first injection valve is opened again, wherein in the second method step, a first test fuel quantity is injected into the combustion chamber via the first inlet port and a second test fuel quantity via the second inlet port, the first test fuel quantity and the second test fuel quantity adding up to the predetermined fuel quantity.

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Citation (examination)
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• DE 4420946 A1 19951221 - BOSCH GMBH ROBERT [DE]
• US 5819714 A 19981013 - BUSH KEVIN J [US], et al
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• See also references of WO 2014166654A1

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