

Title (en)

METHOD AND SYSTEM FOR BALANCING THE CYLINDERS OF A DIESEL ENGINE

Title (de)

VERFAHREN UND SYSTEM ZUM AUSGLEICH DER ZYLINDER EINES DIESELMOTORS

Title (fr)

PROCÉDÉ ET SYSTÈME D'ÉQUILIBRAGE DES CYLINDRES D'UN MOTEUR DIESEL

Publication

EP 2310655 B1 20160406 (EN)

Application

EP 09754028 A 20090526

Priority

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- FI 20085496 A 20080526

Abstract (en)

[origin: WO2009144374A1] A method of balancing the cylinders (3) of a diesel engine (2), in which method the starting moment of the combustion process in each cylinder (3) is defined and the defined starting moment of the combustion process is compared to a specific set value. The starting moment of fuel injection into the cylinders (3) is changed, if the defined starting moment of the combustion process differs from the set value. In addition, the exhaust gas temperature of each cylinder is measured and the duration of fuel injection into the cylinders (3) is changed on the basis of the exhaust gas temperatures in order to equalise the outputs produced by the cylinders.

IPC 8 full level

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CPC (source: EP FI)

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Citation (examination)

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- WO 2007141096 A1 20071213 - BOSCH GMBH ROBERT [DE], et al
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FI 2009050436 W 20090526; CN 200980119581 A 20090526; CN 200980119582 A 20090526; EP 09754027 A 20090526; EP 09754028 A 20090526; FI 20085496 A 20080526; FI 2009050437 W 20090526; FI 20095576 A 20090526; KR 20107026998 A 20090526; KR 20107026999 A 20090526; KR 20157030853 A 20090526; RU 2010153310 A 20090526