

Title (en)

METHOD FOR DETERMINING A CHARACTERISTIC MAP OF THE INJECTION QUANTITY AGAINST AN ELECTRICAL VARIABLE OF AN ELECTRICALLY ACTIVATED INJECTION VALVE

Title (de)

VERFAHREN ZUR BESTIMMUNG EINES KENNFELDES DER EINSPRITZMENGE ÜBER EINER ELEKTRISCHEN GRÖSSE EINES ELEKTRISCH ANGESTEUERTEN EINSPRITZVENTILS

Title (fr)

PROCÉDÉ DE DÉTERMINATION DU DIAGRAMME CARACTÉRISTIQUE DE LA QUANTITÉ D'INJECTION AU MOYEN DE LA GRANDEUR ÉLECTRIQUE D'UNE SOUPAPE D'INJECTION COMMANDÉE ÉLECTRIQUEMENT

Publication

EP 2084383 A1 20090805 (DE)

Application

EP 07803597 A 20070925

Priority

- EP 2007060138 W 20070925
- DE 102006050171 A 20061025

Abstract (en)

[origin: DE102006050171A1] The method involves changing an electrical parameter (UB) during an operation of internal combustion engine from an initial value (U0), with which no injection is set, until a defined injection amount is injected. The value, which is adjusted with the defined injection quantity, is assigned as a value (U1) to the parameter of the defined injection quantity. The parameter is changed in such a manner that another defined injection amount is injected. The value, which is adjusted with the latter defined injection amount, is assigned as another value (U2) to the parameter. An independent claim is also included for a computer program comprising instructions to perform a method for determining characteristic diagram of injection amount.

IPC 8 full level

F02D 41/14 (2006.01); **F02D 41/20** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP US)

F02D 41/1497 (2013.01 - EP US); **F02D 41/2096** (2013.01 - EP US); **F02D 41/2416** (2013.01 - EP US); **F02D 41/2432** (2013.01 - EP US); **F02D 41/247** (2013.01 - EP US)

Citation (search report)

See references of WO 2008049704A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006050171 A1 20080430; CN 101529070 A 20090909; EP 2084383 A1 20090805; JP 2010507748 A 20100311; US 2011120420 A1 20110526; WO 2008049704 A1 20080502

DOCDB simple family (application)

DE 102006050171 A 20061025; CN 200780039401 A 20070925; EP 07803597 A 20070925; EP 2007060138 W 20070925; JP 2009533770 A 20070925; US 30849307 A 20070925