

Title (en)

Method for monitoring the temperature of a glow plug

Title (de)

Verfahren zur Regelung der Temperatur einer Glühkerze

Title (fr)

Procédé de réglage de la température d'une bougie de préchauffage

Publication

EP 2258939 A3 20150916 (DE)

Application

EP 10003958 A 20100415

Priority

DE 102009024138 A 20090604

Abstract (en)

[origin: EP2258939A2] The method involves calculating a mathematical model (4) from an input parameter of an output parameter (X), calculating an electrical parameter expected value (Re) and measuring the electrical parameter. The expected value of the electrical parameter is provided by the mathematical model. An independent claim is also included for a glow plug controller for executing a controlling method.

IPC 8 full level

F02P 19/02 (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP KR US)

F02P 19/02 (2013.01 - KR); **F02P 19/025** (2013.01 - EP US); **F23Q 7/00** (2013.01 - KR); **F02D 2041/1416** (2013.01 - EP US); **F02P 19/022** (2013.01 - EP US)

Citation (search report)

- [A] EP 1936183 A2 20080625 - BOSCH GMBH ROBERT [DE]
- [A] DE 102007058697 A1 20080724 - GM GLOBAL TECH OPERATIONS INC [US]
- [A] DE 10348391 B3 20041223 - BERU AG [DE]

Cited by

EP2711540A4

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2258939 A2 20101208; EP 2258939 A3 20150916; EP 2258939 B1 20160720; DE 102009024138 A1 20101216; DE 102009024138 B4 20120202; JP 2010281315 A 20101216; JP 5779320 B2 20150916; KR 101694688 B1 20170110; KR 20100130948 A 20101214; US 2010312416 A1 20101209; US 8972075 B2 20150303

DOCDB simple family (application)

EP 10003958 A 20100415; DE 102009024138 A 20090604; JP 2010105843 A 20100430; KR 20100044948 A 20100513; US 78407010 A 20100520