

Title (en)

Method of assessment of the combustion chamber thermal state in internal combustion engines

Title (de)

Verfahren zur Beurteilung des Wärmezustands der Verbrennungskammer in Verbrennungsmotoren

Title (fr)

Procédé d'évaluation d'un état thermique de chambre de combustion dans des moteurs à combustion interne

Publication

**EP 2042710 B1 20111228 (EN)**

Application

**EP 07018761 A 20070925**

Priority

EP 07018761 A 20070925

Abstract (en)

[origin: EP2042710A1] Method for determining the temperature in a combustion chamber of an internal combustion engine and device for determining the temperature in a combustion chamber of an internal combustion engine It is provided method and an apparatus for determining the temperature in a combustion chamber of an internal combustion engine. The temperature is estimated based on the quantity of fuel being injected in the internal combustion engine and on the ambient temperature.

IPC 8 full level

**F02D 35/02** (2006.01); **G05D 23/19** (2006.01)

CPC (source: EP)

**F02D 35/026** (2013.01); **F02D 41/402** (2013.01); **F02D 2041/1433** (2013.01); **F02D 2200/0414** (2013.01); **F02D 2200/1002** (2013.01)

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)

**EP 2042710 A1 20090401**; **EP 2042710 B1 20111228**; AT E539250 T1 20120115

DOCDB simple family (application)

**EP 07018761 A 20070925**; AT 07018761 T 20070925