

Title (en)  
METHOD FOR OPERATING A COMBUSTION ENGINE

Title (de)  
VERFAHREN ZUM BETRIEB EINES VERBRENNUNGSMOTOR

Title (fr)  
PROCÉDÉ DESTINÉ AU FONCTIONNEMENT D'UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 2607673 B1 20181024 (DE)**

Application  
**EP 12008365 A 20121215**

Priority  
DE 102011122125 A 20111222

Abstract (en)  
[origin: EP2607673A1] The method involves measuring the crankcase pressure using a crankcase pressure sensor (21) of the combustion chamber (3), and evaluating the measured values of the crankcase pressure sensor using an evaluation device (23). The ambient pressure is determined using the crankcase pressure during the starting process of the combustion engine (1) while rotating the crankshaft (7) before the initial combustion. The crankcase pressure sensor is supplied with energy during the measurement through the movement of the crankshaft.

IPC 8 full level  
**F02D 41/18** (2006.01); **F02B 63/02** (2006.01); **F02D 11/02** (2006.01)

CPC (source: EP US)  
**F02B 63/02** (2013.01 - EP US); **F02D 41/00** (2013.01 - US); **F02D 41/18** (2013.01 - EP US); **F02D 2200/704** (2013.01 - EP US)

Citation (examination)  
DE 102005046782 A1 20070412 - SIEMENS AG [DE]

Cited by  
EP3456949A1; CN109505697A; US10570842B2

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
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DE 102011122125 A1 20130627; JP 2013133826 A 20130708; US 2013160751 A1 20130627; US 9068521 B2 20150630

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**EP 12008365 A 20121215**; CN 201210561420 A 20121221; DE 102011122125 A 20111222; JP 2012280870 A 20121225;  
US 201213721465 A 20121220