

Title (en)

Method for monitoring combustion in an internal combustion engine

Title (de)

Verfahren zur Überwachung der Verbrennung in einem Verbrennungsmotor

Title (fr)

Procédé pour surveillance de la combustion dans un moteur à combustion interne

Publication

**EP 1132596 B1 20060614 (DE)**

Application

**EP 01104856 A 20010228**

Priority

DE 10011619 A 20000310

Abstract (en)

[origin: EP1132596A2] The arrangement has a measurement device (12) on at least one cylinder of the engine for forming a series of measurement values describing the combustion and an evaluation unit (20) connected to the measurement device for evaluating the measurement values. The measurement device has an analog-to-digital converter (22) for digitizing the measurement signal and a microprocessor (24) for evaluating the digitized measurement signal. Independent claims are also included for the following: an arrangement for monitoring combustion in an internal combustion engine.

IPC 8 full level

**F02D 35/02** (2006.01); **F02D 41/14** (2006.01); **F02D 41/24** (2006.01); **F02D 41/26** (2006.01); **F02D 41/38** (2006.01); **F02P 17/12** (2006.01); **F02P 19/02** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP)

**F02D 35/021** (2013.01); **F02D 35/022** (2013.01); **F02D 35/025** (2013.01); **F02D 41/26** (2013.01); **F02D 41/28** (2013.01); **F02D 41/38** (2013.01); **F02P 17/12** (2013.01); **F02P 19/028** (2013.01); **F02D 41/403** (2013.01); **F02D 2041/285** (2013.01); **F02P 2017/125** (2013.01); **F02P 2017/128** (2013.01)

Cited by

FR2838775A1; EP1607607A1; FR2969699A1; EP1450029A1; FR2851616A1; WO2006024445A1; WO03087562A1; WO2012084466A1; US6968827B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1132596 A2 20010912**; **EP 1132596 A3 20030910**; **EP 1132596 B1 20060614**; DE 10011619 A1 20010913; DE 50110090 D1 20060727

DOCDB simple family (application)

**EP 01104856 A 20010228**; DE 10011619 A 20000310; DE 50110090 T 20010228