

Title (en)  
Monitoring unit and method

Title (de)  
Überwachungseinheit und -verfahren

Title (fr)  
Unité et procédé de surveillance

Publication  
**EP 2078841 A1 20090715 (EN)**

Application  
**EP 08075042 A 20080114**

Priority  
EP 08075042 A 20080114

Abstract (en)  
A monitoring unit for determining the operational condition of an engine, the engine comprising a plurality of cylinders, each cylinder comprising a combustion chamber into which fuel is injected by an associated fuel injector, the unit comprising inputs for receiving first data related to engine rotation, storage means (58) for storing a plurality of templates, each template comprising second data related to engine rotation, said second data being characteristic of a particular operational condition, and one or more engine parameters associated with said operational condition, and processing means (56) configured: i) to compare said received first data to said second data in order to determine a best matching template, and ii) to determine the operational condition of the engine in dependence on said one or more engine parameters associated with said best matching template.

IPC 8 full level  
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CPC (source: EP)  
**F02D 41/1497** (2013.01); **F02D 41/2422** (2013.01); **F02D 41/2416** (2013.01); **F02D 2200/1004** (2013.01); **F02D 2200/1015** (2013.01)

Citation (applicant)  
DE 19928664 A1 20001228 - BOSCH GMBH ROBERT [DE]

Citation (search report)  
• [X] DE 19928664 A1 20001228 - BOSCH GMBH ROBERT [DE]  
• [A] DE 10232806 A1 20040205 - BAYERISCHE MOTOREN WERKE AG [DE]  
• [A] DE 10214833 A1 20031016 - VOLKSWAGEN AG [DE]

Cited by  
CN107111941A

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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