Title (en)
METHOD FOR DETECTING COMBUSTION FAILURE BY FILTERING

Title (de)
VERFAHREN ZUR ERFASSUNG DES VERBRENNUNGSVERSAGENS DURCH FILTERN

Title (fr)
PROCEDE DE DETECTION DE RATES DE COMBUSTION PAR FILTRAGE

Publication
EP 1595066 A1 20051116 (FR)

Application
EP 04709994 A 20040211

Priority
• EP 2004001247 W 20040211
• FR 0302057 A 20030220

Abstract (en)
[origin: FR2851612A1] The method involves calculating a value expressing an instantaneous time distance before the calculation of an observation function that is expressed as a function of the distance. The distance is between a current value of an index representative of the irregularities of operation in an engine and an estimated value of reference illustrative of the index at a different instant. The current value of the observation function corresponds to the value representative of the index after exclusion and/or weighing of the values external to the preset admissible distance.

IPC 1-7
F02D 41/14; G01M 15/00

IPC 8 full level
F02D 41/14 (2006.01); **G01M 15/11** (2006.01)

CPC (source: EP KR US)
F02D 41/14 (2013.01 - KR); **F02D 41/1498** (2013.01 - EP US); **G01M 15/00** (2013.01 - KR); **G01M 15/11** (2013.01 - EP US);
F02D 2200/1015 (2013.01 - EP US)

Citation (search report)
See references of WO 2004074662A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
FR 2851612 A1 20040827; **FR 2851612 B1 20090522**; EP 1595066 A1 20051116; JP 2006518435 A 20060810; JP 4340284 B2 20091007;
KR 20050103949 A 20051101; US 2006074543 A1 20060406; US 7072760 B2 20060704; WO 2004074662 A1 20040902

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FR 0302057 A 20030220; EP 04709994 A 20040211; EP 2004001247 W 20040211; JP 2006501800 A 20040211; KR 20057015394 A 20050819;
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