

Title (en)

METHOD AND DEVICE FOR EVALUATING IONIC CURRENT SIGNALS FOR ASSESSING COMBUSTION PROCESSES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUSWERTUNG VON IONENSTROMSIGNALEN ZUR BEURTEILUNG VON VERBRENNUNGSVORGÄNGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR EVALUER DES SIGNAUX DE COURANT IONIQUE POUR APPRECIER DES PROCESSUS DE COMBUSTION

Publication

EP 1084387 A1 20010321 (DE)

Application

EP 00929217 A 20000316

Priority

- DE 0000822 W 20000316
- DE 19915088 A 19990401

Abstract (en)

[origin: DE19915088A1] The method involves subjecting a measured ion current signal to a smoothing short-duration integration and forming (7) a characteristic corresponding to the maximum value of integrator within the entire observation period. The integrator (4) window length is shorter than the entire observation period and is moved smoothly over the observation period.

IPC 1-7

G01L 23/22

IPC 8 full level

G01M 15/04 (2006.01); **F02D 35/02** (2006.01); **F02D 41/14** (2006.01); **F02D 45/00** (2006.01); **F02P 17/12** (2006.01)

CPC (source: EP US)

F02D 35/021 (2013.01 - EP US); **F02D 2200/1015** (2013.01 - EP US)

Cited by

CN101892918A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19915088 A1 20001005; EP 1084387 A1 20010321; JP 2002541379 A 20021203; US 6483311 B1 20021119; WO 0060327 A1 20001012

DOCDB simple family (application)

DE 19915088 A 19990401; DE 0000822 W 20000316; EP 00929217 A 20000316; JP 2000609773 A 20000316; US 70170000 A 20001201