

Title (en)

METHOD FOR CONTROLLING THE REGENERATION OF A PARTICULATE FILTER

Title (de)

WERKZEUGSPLINTHALTEVORRICHTUNG FÜR EINE SCHLAGABBRUCHVORRICHTUNG

Title (fr)

PROCEDE DE COMMANDE POUR LA REGENERATION D'UN FILTRE A PARTICULES

Publication

**EP 1694953 A1 20060830 (FR)**

Application

**EP 04805796 A 20041029**

Priority

- FR 2004050553 W 20041029
- FR 0313166 A 20031110

Abstract (en)

[origin: FR2862087A1] The method involves estimating variation of dilution rate of fuel based on a number of fuel injection phases in combustion chambers, quantity of the injected fuel, the position of pistons in the chambers during the fuel injection and supply pressure of the fuel. The variation of the dilution rate is calculated on a delayed injection phase and a rapid injection phase. An independent claim is also included for a method of controlling a motorization system having an engine and a particles filter.

IPC 8 full level

**F02D 41/04** (2006.01); **F01M 1/18** (2006.01); **F02D 41/02** (2006.01); **F02D 41/22** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP KR)

**F01M 1/18** (2013.01 - EP); **F02D 41/04** (2013.01 - KR); **F02D 41/047** (2013.01 - EP); **F01M 2001/165** (2013.01 - EP); **F02D 41/029** (2013.01 - EP); **F02D 41/405** (2013.01 - EP); **F02D 2041/389** (2013.01 - EP); **F02D 2250/11** (2013.01 - EP)

Citation (search report)

See references of WO 2005047680A1

Cited by

DE102015207287A1; US9926820B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2862087 A1 20050513**; **FR 2862087 B1 20080516**; AT E424504 T1 20090315; DE 602004019808 D1 20090416; EP 1694953 A1 20060830; EP 1694953 B1 20090304; JP 2007510855 A 20070426; JP 4764826 B2 20110907; KR 20060117947 A 20061117; WO 2005047680 A1 20050526

DOCDB simple family (application)

**FR 0313166 A 20031110**; AT 04805796 T 20041029; DE 602004019808 T 20041029; EP 04805796 A 20041029; FR 2004050553 W 20041029; JP 2006538905 A 20041029; KR 20067009302 A 20060512