

Title (en)

METHOD FOR CONTROLLING THE OPERATION CONDITIONS OF A PARTICULATE FILTER FOR COMBUSTION ENGINE

Title (de)

REGELUNGSVERFAHREN EINES PARTIKELFILTERS FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE GESTION DU FONCTIONNEMENT D'UN FILTRE A PARTICULES POUR MOTEUR A COMBUSTION

Publication

EP 1240415 A2 20020918 (FR)

Application

EP 00993633 A 20001222

Priority

- FR 0003665 W 20001222
- FR 9916349 A 19991223

Abstract (en)

[origin: WO0148358A2] The invention concerns a method for controlling a particulate filter (6) provided on an internal combustion engine exhaust line (1), which consists in triggering the actuation of means assisting the filter (6) regeneration in accordance with predetermined criteria, for example when the filter (6) particles are loaded beyond a threshold value. The invention is characterised in that the parameters of the operating conditions of said regeneration-assisting means, such as duration or intensity, are adjusted in accordance with the development of the filter regenerating process.

IPC 1-7

F01N 1/00

IPC 8 full level

F01N 3/025 (2006.01); **F01N 3/027** (2006.01); **F01N 3/035** (2006.01); **F02D 41/02** (2006.01); **F02D 41/40** (2006.01); **F01N 7/02** (2006.01); **F01N 9/00** (2006.01); **F01N 13/02** (2010.01); **F02M 25/07** (2006.01)

CPC (source: EP)

F01N 3/025 (2013.01); **F01N 3/027** (2013.01); **F01N 3/035** (2013.01); **F01N 9/005** (2013.01); **F01N 13/009** (2014.06); **F02D 41/024** (2013.01); **F02D 41/029** (2013.01); **F02D 41/405** (2013.01); **F01N 2250/02** (2013.01); **F01N 2430/085** (2013.01); **F02D 41/1446** (2013.01); **F02M 26/05** (2016.02); **Y02T 10/12** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 0148358A2

Designated contracting state (EPC)

AT BE CH DE GB LI

DOCDB simple family (publication)

WO 0148358 A2 20010705; **WO 0148358 A3 20020523**; EP 1240415 A2 20020918; FR 2802972 A1 20010629; FR 2802972 B1 20020503

DOCDB simple family (application)

FR 0003665 W 20001222; EP 00993633 A 20001222; FR 9916349 A 19991223