

Title (en)

Method for preadjusting the throttling of the suction air in an internal combustion engine

Title (de)

Verfahren zum Voreinstellen der Frischluftzufuhrdrosselung in einem Verbrennungsmotor

Title (fr)

Procédé pour pré-ajuster l'étranglement de l'air d'aspiration dans un moteur à combustion interne

Publication

EP 1517023 B1 20070307 (DE)

Application

EP 03102363 A 20030730

Priority

EP 03102363 A 20030730

Abstract (en)

[origin: EP1517023A1] Method for regenerating a particle filter in an exhaust gas system of a combustion engine, which has a control loop for regulating the throttling of the fresh air supply to it, by increasing the exhaust gas temperature by throttling the fresh air supply. According to the method, an input signal (ufb) to the control loop is combined with a preset input signal (uff) to form a throttling signal (u), whereby calibration to determine the preset input signal is achieved using the current input signal. The invention also relates to a corresponding combustion engine.

IPC 8 full level

F02D 11/10 (2006.01); **F02D 35/00** (2006.01); **F02D 41/14** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)

F02D 11/105 (2013.01); **F02D 35/0007** (2013.01); **F02D 41/2464** (2013.01); **F02D 2041/141** (2013.01)

Cited by

CN100419239C; US7905213B2; WO2007096327A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1517023 A1 20050323; **EP 1517023 B1 20070307**; DE 50306754 D1 20070419

DOCDB simple family (application)

EP 03102363 A 20030730; DE 50306754 T 20030730