

Title (en)

Fuel metering system for internal combustion engine

Title (de)

Kraftstoffzumess-System für eine Brennkraftmaschine

Title (fr)

Système d'alimentation en carburant pour moteur à combustion interne

Publication

**EP 1136683 B1 20060712 (DE)**

Application

**EP 01106750 A 20010317**

Priority

DE 10014564 A 20000323

Abstract (en)

[origin: EP1136683A2] The engine (1) has a unit to recognize a hot start. When hot start conditions are present, Lambda regulation effects the opening behavior of a tank ventilation valve (12) in such a way, that an optimum fuel-air-ratio Lambda for a hot start resp. hot after-start is pref. achieved by proportioning of the fuel through the valve, and the preferred ventilation via the valve is maintained, until hot start conditions are finished.

IPC 8 full level

**F02D 41/06** (2006.01); **F02D 41/00** (2006.01); **F02D 41/14** (2006.01); **F02M 25/08** (2006.01)

CPC (source: EP)

**F02D 41/0032** (2013.01); **F02D 41/0035** (2013.01); **F02D 41/065** (2013.01); **F02M 25/08** (2013.01); **F02D 41/1454** (2013.01)

Cited by

EP1744038A1; CN116430390A

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 1136683 A2 20010926**; **EP 1136683 A3 20031015**; **EP 1136683 B1 20060712**; DE 10014564 A1 20010927; DE 50110426 D1 20060824; ES 2267618 T3 20070316

DOCDB simple family (application)

**EP 01106750 A 20010317**; DE 10014564 A 20000323; DE 50110426 T 20010317; ES 01106750 T 20010317