

Title (en)

GASIFIER AND METHOD FOR OPERATING A COMBUSTION ENGINE WITH A GASIFIER

Title (de)

VERGASER UND VERFAHREN ZUM BETRIEB EINES VERBRENNUNGSMOTORS MIT EINEM VERGASER

Title (fr)

CARBURATEUR ET PROCEDE DESTINE AU FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE COMPRENANT UN CARBURATEUR

Publication

**EP 3054142 B1 20180418 (DE)**

Application

**EP 16000258 A 20160203**

Priority

DE 102015001452 A 20150205

Abstract (en)

[origin: JP2016142271A] PROBLEM TO BE SOLVED: To provide a carburetor having a simple configuration. SOLUTION: This invention relates to a carburetor having a housing [18], a part [25] of an intake passage [21] is formed in the carburetor [11], a control piece [22] is rotatably supported in the housing [18], a part [27] of the intake passage [21] is formed in the control piece, the control piece [22] controls a free flowing cross sectional area of the intake passage [21], the carburetor [11] has a fuel chamber [28], a fuel hole [19] is opened at the part [27] of the intake passage [21], and the fuel hole is connected to the fuel chamber [28] through an unbranched fuel passage [29]. The carburetor [11] includes an electric operating valve [30] for controlling fuel flow passing through the fuel passage [29]. SELECTED DRAWING: Figure 3

IPC 8 full level

**F02M 1/10** (2006.01); **F02B 25/14** (2006.01); **F02D 9/16** (2006.01); **F02D 35/00** (2006.01); **F02M 9/08** (2006.01); **F02M 9/12** (2006.01); **F02M 17/02** (2006.01)

CPC (source: CN EP US)

**F02B 25/14** (2013.01 - EP US); **F02B 25/20** (2013.01 - EP US); **F02D 9/16** (2013.01 - EP US); **F02M 1/043** (2013.01 - EP US); **F02M 1/10** (2013.01 - EP US); **F02M 9/08** (2013.01 - CN US); **F02M 9/085** (2013.01 - EP US); **F02M 9/125** (2013.01 - EP US); **F02M 17/02** (2013.01 - EP US); **F02M 17/04** (2013.01 - CN); **F02M 17/38** (2013.01 - EP US); **F02M 19/0207** (2013.01 - CN); **F02D 41/064** (2013.01 - EP US); **F02D 41/08** (2013.01 - EP US); **F02M 7/28** (2013.01 - EP US); **F02M 19/06** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3054142 A1 20160810**; **EP 3054142 B1 20180418**; CN 105863887 A 20160817; CN 105863887 B 20191210; DE 102015001452 A1 20160811; JP 2016142271 A 20160808; US 10337458 B2 20190702; US 2016230704 A1 20160811

DOCDB simple family (application)

**EP 16000258 A 20160203**; CN 201610078691 A 20160204; DE 102015001452 A 20150205; JP 2016019630 A 20160204; US 201615017489 A 20160205