

Title (en)

Mixture preparation device for a combustion engine

Title (de)

Gemischaufbereitungs Vorrichtung für einen Verbrennungsmotor

Title (fr)

Dispositif de préparation du mélange pour un moteur à combustion interne

Publication

EP 1267067 B1 20040225 (DE)

Application

EP 02010408 A 20020508

Priority

DE 10128785 A 20010613

Abstract (en)

[origin: EP1267067A1] The carburetor, for an internal combustion motor, has an air inflow channel (2) connected at the end side (12) to the fuel combustion zone. The other end side of the air inflow channel has an entry opening (20). The flow volume control (4) has a throttle body (25) to set the flow through the channel to give the required motor power output. The throttle body is at the entry opening, to set its opening cross section against the ambient atmosphere by a relative movement between the throttle and the opening. The throttle body is a ball (27) within an inflow funnel (22) or a swing plate.

IPC 1-7

F02M 35/108; F02B 27/02

IPC 8 full level

F02B 27/02 (2006.01); **F02D 9/12** (2006.01); **F02M 9/127** (2006.01); **F02M 19/02** (2006.01); **F02M 35/108** (2006.01)

CPC (source: EP)

F02D 9/12 (2013.01); **F02M 9/127** (2013.01); **F02M 19/0228** (2013.01)

Cited by

FR3019226A1; EP1696114A1; AU2006200225B2; US7263970B2; US7159847B2; WO2005001256A1; WO2012052260A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1267067 A1 20021218; **EP 1267067 B1 20040225**; DE 10128785 A1 20021219; DE 50200252 D1 20040401

DOCDB simple family (application)

EP 02010408 A 20020508; DE 10128785 A 20010613; DE 50200252 T 20020508