

Title (en)

CARBURETOR FOR A COMBUSTION ENGINE, AND METHOD FOR THE CONTROLLED DELIVERY OF FUEL

Title (de)

VERGASER FÜR EINEN VERBRENNUNGSMOTOR SOWIE VERFAHREN ZUR GESTEUERTEN KRAFTSTOFFZUFUHR

Title (fr)

CARBURATEUR D'UN MOTEUR A COMBUSTION INTERNE ET PROCEDE DE COMMANDE DE L'ALIMENTATION EN CARBURANT

Publication

**EP 1957782 A1 20080820 (DE)**

Application

**EP 06829439 A 20061208**

Priority

- EP 2006011839 W 20061208
- DE 102005059080 A 20051210

Abstract (en)

[origin: WO2007065701A1] In order to allow fuel to be delivered in a controlled manner into a mixing chamber (6) of a carburetor, a needle (36) is displaced towards a needle seat (28) between an open and a closed position in a clocked manner relative to an intake stroke of the engine such that the amount of fuel that flows into the mixing chamber (6) via a fuel duct (8) is controlled in accordance with the rotational speed and the engine load.

IPC 8 full level

**F02M 7/18** (2006.01)

CPC (source: EP US)

**F02M 7/14** (2013.01 - EP US); **F02M 7/16** (2013.01 - EP US); **F02M 7/18** (2013.01 - EP US); **F02M 19/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2007065701A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102005059080 A1 20070614**; EP 1957782 A1 20080820; US 2009211555 A1 20090827; WO 2007065701 A1 20070614

DOCDB simple family (application)

**DE 102005059080 A 20051210**; EP 06829439 A 20061208; EP 2006011839 W 20061208; US 9685006 A 20061208