

Title (en)

Carburetor for gasoline engines with adjustable fuel nozzle

Title (de)

Vergaser für Ottomotor mit einstellbarer Brennstoffdüse

Title (fr)

Carburateur pour moteurs a essence avec buse de combustible réglable

Publication

**EP 1353058 A3 20040121 (DE)**

Application

**EP 03006885 A 20030331**

Priority

DE 10216084 A 20020411

Abstract (en)

[origin: EP1353058A2] The device has an air funnel (1) for induction of fuel from a fuel line (3) opening into the air funnel and connected to a fuel chamber (5) and a fuel nozzle (7) between the fuel chamber and the opening (4) in the funnel for setting a quantity of fuel that can be sucked in from the fuel chamber based on the vacuum in the air funnel. The fuel nozzle has a flow cross-section that can be varied by means of a piezoelectric actuator (8).

IPC 1-7

**F02M 7/18**

IPC 8 full level

**F02M 17/14** (2006.01)

CPC (source: EP)

**F02M 17/147** (2013.01)

Citation (search report)

- [XY] DE 1905634 A1 19700820 - MESSERSCHMITT BOELKOW BLOHM
- [Y] GB 2041500 A 19800910 - AISAN IND
- [Y] DE 19913073 A1 20001005 - WACKER WERKE KG [DE]
- [Y] US 3919989 A 19751118 - JARRETT BOAZ ANTONY, et al

Cited by

US8894043B2; CN102449289A; US7509941B2; US8622031B2; WO2010136199A1

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DOCDB simple family (publication)

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