

Title (en)

Low-speed fuel control system for carburetors.

Title (de)

Kraftstoffsteuersystem bei niedriger Drehzahl für Vergaser.

Title (fr)

Système de commande du carburant à bas régime pour carburateurs.

Publication

**EP 0255952 A2 19880217 (EN)**

Application

**EP 87111377 A 19870806**

Priority

JP 12159686 A 19860807

Abstract (en)

A carburetor comprising a vacuum passageway (10a) connecting a low-speed system venturi (9) with a slow jet (11); a level detecting means (12) capable of detecting whether or not the level of a fuel column to be defined in the vacuum passageway (10a) is higher than a predetermined position; and a solenoid valve (14) capable of switching over the opening degree of a low-speed fuel passageway (15) in response to an output delivered from the level detecting means, in which a flow rate of fuel flowing through the low-speed fuel passageway (15) is controlled so that the level of the fuel column is held at a predetermined position and thereby the fuel having the flow rate suitable for a flow rate of suction air passing through the low-speed system venturi (9) is supplied to an intake bore.

IPC 1-7

**F02M 3/08**

IPC 8 full level

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CPC (source: EP)

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