

Title (en)

Fuel supply device for carburetors.

Title (de)

Brennstoffzufuhrvorrichtung für Vergaser.

Title (fr)

Dispositif d'admission de carburant pour carburateurs.

Publication

EP 0263495 A2 19880413 (EN)

Application

EP 87114594 A 19871006

Priority

JP 15359886 U 19861006

Abstract (en)

A fuel supply device for carburetors of the type which provides a branch passageway (17) communicating with a fuel passageway between a fuel metering jet (4) and a connection of a fuel passageway (6) with a negative pressure passageway (9) and a float chamber (5), places a diaphragm type enriched valve (32), in the middle of the branch passageway, controlled in accordance with the variation of the negative pressure generated on the downstream side of a solenoid valve or a throttle valve controlled by signals issued from various sensors detecting an operating condition of an engine and controls a fuel flow rate so that the level of a fuel column to be formed in the negative pressure passageway for intake flow rate detection communicating with the fuel passageway is kept constant, in order to enable a fuel supply to be positively performed with respect to any transient state of engine operation.

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F02M 7/12

IPC 8 full level

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CPC (source: EP KR)

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