

Title (en)

FUEL INJECTION DEVICE FOR INJECTION CARBURETORS

Publication

EP 0396813 B1 19920311 (EN)

Application

EP 89108631 A 19890512

Priority

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Abstract (en)

[origin: EP0396813A1] The fuel injection device for injection carburetors is provided with a single fuel control unit (33) for injecting a fuel into a suction tube (1) in quantities in accordance with flow rates of air to be sucked into the suction tube, a slow negative pressure passage (40) communicated with a depression chamber (36) of the fuel control unit, a diaphragm valve (42) for opening a main negative pressure passage (39) to communicate the depression chamber (36) with the main negative pressure passage when air suction rate exceeds a predetermined value, and another diaphragm valve (56; 59) switched to close a slow jet and open a main jet when air suction rate exceeds the predetermined value. This fuel injection device is simple in the structure thereof, manufacturable at a low cost and has high fuel control accuracy.

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IPC 8 full level

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