

Title (en)

FUEL SUPPLY SYSTEM, ESPECIALLY FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

KRAFTSTOFF-FÖRDEREINRICHTUNG, INSBESONDERE FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'ALIMENTATION EN CARBURANT, DESTINE EN PARTICULIER A UN MOTEUR A COMBUSTION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007009829A1] A fuel supply system comprises a piston pump (6) having a working chamber (104) and an adjustable throttle device (20), arranged upstream of the working chamber (104) and adapted to modify the flow of fuel supplied to the working chamber (104). The invention is characterized in that the throttle device (20), in the closed position, allows a leakage volume to arrive at the working chamber (104). The piston pump (6) comprises a leakage pump device (113) which supplies at least a part of the leakage volume from the working chamber (104) to a low-pressure zone (8) located upstream of the throttle device (20).

IPC 8 full level

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