

Title (en)

HIGH FLOW RATE FUEL VALVE AND FUEL SUPPLY PUMP WITH THE VALVE

Title (de)

KRAFTSTOFFVENTIL MIT HOHER DURCHFLUSSRATE UND KRAFTSTOFFZUFUHRPUMPE MIT DEM VENTIL

Title (fr)

SOUPAPE DE CARBURANT A HAUT DEBIT ET POMPE D'ALIMENTATION EN CARBURANT EQUIPEE DE LADITE SOUPAPE

Publication

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Application

EP 03758922 A 20031027

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- JP 2002381008 A 20021227

Abstract (en)

[origin: WO2004040122A1] A high flow rate fuel valve and a fuel supply pump with the valve that are suitable for an accumulated pressure-type fuel injection device (APCRS) that intensifies the pressure of a large amount of fuel using a piston. In a fuel supply pump with a fuel inlet valve and fuel outlet valve, the fuel inlet valve has a valve main body, a valve body received in the valve main body, an inlet chamber provided inside the valve main body, inlet holes, a seat portion where the valve body and part of the valve main body are in contact with each other. The inlet holes are arranged in a non-radial pattern relative to the inlet chamber.

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IPC 8 full level

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Citation (search report)

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