

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.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

**F02M 45/04** (2013.01 - EP); **F02M 47/027** (2013.01 - EP); **F02M 57/025** (2013.01 - EP); **F02M 59/102** (2013.01 - EP); **F02M 59/105** (2013.01 - EP); **F02M 59/46** (2013.01 - KR); **F02M 59/464** (2013.01 - EP); **F02M 63/0001** (2013.01 - EP); **F02M 45/00** (2013.01 - EP); **F02M 61/205** (2013.01 - EP); **F02M 63/0225** (2013.01 - EP); **F02M 2200/04** (2013.01 - EP); **F02M 2200/40** (2013.01 - EP)

Citation (search report)

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