

Title (en)

INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

EINSPRITZVORRICHTUNG FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

DISPOSITIF D'INJECTION POUR UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2232138 A2 20100929 (EN)**

Application

**EP 08860572 A 20081209**

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Abstract (en)

[origin: WO2009075572A2] The invention relates to an injection device for the injecting of fuel into a combustion chamber, wherein the injection device comprises; - a housing which is rigidly connected to the combustion chamber, - an injection part which is rotatably connected to the housing and which is drivable by means of an actuator in order to rotate with respect to the housing about a central axis, - a supply conduit which is fluidically connected to the combustion chamber for the pressurized introduction of a fuel into the combustion chamber and which comprises a fluid-tight coupling between the housing and the injection part; - an injection nozzle which is rigidly connected to the injection part and which comprises an atomizer having an atomizer opening which is fluidically connected to the supply conduit for the introduction of fuel into the combustion chamber, whereas the injection nozzle rotates, the injection device further comprising at least one further supply conduit for the pressurized introduction of a fluid into the combustion chamber.

IPC 8 full level

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Citation (search report)

See references of WO 2009075572A2

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