

Title (en)

COMMON RAIL INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

COMMON-RAIL-EINSPRITZSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

SYSTÈME D'INJECTION À RAMPE COMMUNE POUR MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 13700090 A 20130109

Priority

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- EP 2013050262 W 20130109

Abstract (en)

[origin: WO2013107671A1] The invention relates to a common rail injection system (100) for an internal combustion engine, having a high-pressure pump (500), a distributor pipe (600) and at least one injector (700), wherein the high-pressure pump delivers fuel for operating the internal combustion engine (800) to the distributor pipe. The fuel can be injected into a combustion chamber of the internal combustion engine via the at least one injector fluidly connected to the distributor pipe. The system is characterised in that the injection system has an inlet valve (400) which is arranged fluidly upstream of the high-pressure pump and which allows the fuel flow to the high-pressure pump to be selectively interrupted for individual delivery cycles of the high-pressure pump.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- DE 102007059731 A1 20080703 - GM GLOBAL TECH OPERATIONS INC [US]
- EP 1306553 A2 20030502 - BOSCH GMBH ROBERT [DE]

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