

Title (en)

Damping means for the pressure waves in a fuel injection system

Title (de)

Vorrichtung zur Dämpfung von Druckwellen in einem Kraftstoffeinspritzsystem

Title (fr)

Dispositif d'amortissement des ondes de pression pour système d'injection de carburant

Publication

EP 1426610 B1 20080806 (FR)

Application

EP 03293029 A 20031204

Priority

- FR 0215258 A 20021204
- FR 0215259 A 20021204
- FR 0215260 A 20021204

Abstract (en)

[origin: EP1426610A1] The system includes a common rail interposed between a high-pressure pump and a number of injectors, the device includes a restriction unit (216) adapted to cause loss of power in the system when it is traversed by the fuel during flow. The restriction unit is made such that the loss of power provoked by the flow of fuel across the restriction unit in the direction of the high pressure pump is greater than the loss of power caused by the flow of fuel across its restriction means in the direction of the injector of the injection system.

IPC 8 full level

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CPC (source: EP)

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