

Title (en)

FUEL INJECTION DEVICE WITH A SOLENOID VALVE WHICH HAS BOTH A LAMINAR AND A TURBULENT DAMPING THROTTLE

Title (de)

KRAFTSTOFFEINSTPRITZVORRICHTUNG MIT SOWOHL LAMINAR ALS AUCH TURBULENT GEDÄMPFTEM MAGNETVENTIL

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT POURVU D'UNE ELECTROVANNE AMORTIE TANT EN REGIME LAMINAIRE QU'EN REGIME TURBULENT

Publication

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Application

**EP 00991545 A 20001222**

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Abstract (en)

[origin: WO0150008A2] The invention relates to a fuel injection device for internal combustion engines with a solenoid valve (24) which has a damping chamber (40) and a relief chamber (41). Said chambers are hydraulically connected by both a laminar and a turbulent damping throttle (39, 51). This reduces the ripple of the characteristic curves of the fuel injection system, thus improving its operation.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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