

Title (en)

ELECTROMAGNETIC FUEL INJECTOR IN CARTRIDGE DESIGN.

Title (de)

ELEKTRISCH BETÄTIGBARES VENTIL FÜR KRAFTSTOFF-EINSPRITZANLAGEN FÜR BRENNKRAFTMASCHINEN.

Title (fr)

INJECTEUR ELECTROMAGNETIQUE DE CARBURANT SOUS FORME DE CARTOUCHE.

Publication

EP 0438479 B1 19940216 (EN)

Application

EP 89911706 A 19891010

Priority

DE 3834446 A 19881010

Abstract (en)

[origin: WO9004098A1] A very fast electromagnetic fuel injector of cartridge design for the injection of fuel into the intake manifold of an internal combustion motor. The magnetic pole of the valve is mounted on a non-magnetizable casing which is solidly connected to a valve seat. This casing, together with the armature, the magnetic pole, and the valve seat, form a cartridge which can be manufactured independent from the other valve components. The cartridge is built into a valve housing which largely consists of plastic material. The fuel injector is therefore inexpensive to manufacture. In addition, the valve can be provided with a monostable polarized magnetic circuit.

IPC 1-7

F02M 51/08

IPC 8 full level

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CPC (source: EP)

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