

Title (en)

Fuel injection system for internal combustion engines

Title (de)

Kraftstoffeinspritzsystem für Brennkraftmaschinen

Title (fr)

Système d'injection de combustible pour moteurs à combustion interne

Publication

EP 0882885 A3 20011017 (DE)

Application

EP 98102762 A 19980218

Priority

DE 19723329 A 19970604

Abstract (en)

[origin: EP0882885A2] The fuel injection system for an internal combustion engine has a high-pressure fuel pump (5) through which a high-pressure fuel container (8) is supplied with fuel. Pipelines (15) lead from the container to electrically controlled fuel injection valves (14) on the engine. The valves extract fuel from the container and bring it to the engine for injection. The pressure in the container is controlled by a regulating valve (11) and a filter (17) is located between them. The clear width of the cross-section at the filter is smaller or equal to half the clear width of the outflow cross-section of the regulating valve.

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IPC 8 full level

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CPC (source: EP)

F02M 63/0225 (2013.01)

Citation (search report)

[X] US 5626121 A 19970506 - KUSHIDA TAKEO [JP], et al

Cited by

EP1126162A3; EP1087131A3

Designated contracting state (EPC)

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