

Title (en)
PUMP INJECTOR

Title (de)
PUMPENDÜSE

Title (fr)
INJECTEUR POMPE

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Application
EP 05766704 A 20050527

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Abstract (en)
[origin: WO2005124144A1] The invention concerns a pump injector (1) for compressing fuel, then injecting same into the combustion chamber of an internal combustion engine cylinder during a main injecting phase, said pump injector (1) comprising a needle (7) the displacement of which is monitored by a first electromagnetic valve (6) so as to enable fuel contained in the inner volume (3) of the pump injector (1) to be injected. The invention is characterized in that it comprises: a capacity (11) for storing a volume of pressurized fuel; a second electromagnetic valve (2) for communicating said capacity (11) with the inner volume (3) of the injector (1) and for enabling a secondary injection phase, said second electromagnetic valve (2) being activated simultaneously with the first electromagnetic valve (6) during said main and secondary injection phases.

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