

Title (en)

INJECTOR FOR HIGH-PRESSURE FUEL INJECTION

Title (de)

INJEKTOR FÜR UNTER HOCHDRUCK ERFOLGENDER KRAFTSTOFFEINSPRITZUNG

Title (fr)

INJECTEUR DESTINE A L'INJECTION DE CARBURANT SOUS HAUTE PRESSION

Publication

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Application

EP 00988600 A 20001110

Priority

- DE 0004005 W 20001110
- DE 19956522 A 19991124

Abstract (en)

[origin: WO0138721A2] The invention relates to an injector for injecting a highly pressurized fluid by means of a nozzle (5). The injector body (1) comprises a high pressure delivery line (20) and a pressureless run-off (18). Said injector body (1) is connected to a common rail high pressure collector chamber (22) and contains a magnetic valve (6), which is used to control the nozzle (5). An axially extended sleeve (2) is movably accommodated in the injector body (1), one front face of said sleeve being controlled by means of a valve (6, 15) and the other front face (10) delimiting a control chamber (12) into which a branch (13) of a high pressure inlet (20.2) opens.

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Citation (examination)

- EP 1338788 A1 20030827 - DELPHI TECH INC [US]
- WO 0129407 A1 20010426 - BOSCH GMBH ROBERT [DE], et al

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