

Title (en)

METHOD AND DEVICE FOR INFLUENCING THE INJECTION PRESSURE DISTRIBUTION ON INJECTORS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FORMUNG DES EINSPRITZDRUCKVERLAUFS AN INJEKTOREN

Title (fr)

PROCEDE ET DISPOSITIF DESTINES A INFLUENCER LA REPARTITION DE LA PRESSION D'INJECTION SUR DES INJECTEURS

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Application

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Abstract (en)

[origin: WO0171177A2] The invention relates to a method for influencing the injection pressure distribution (27) on injectors that are, for example, used in injection devices of injection systems of motor vehicles. The injection device comprises a pump section (1) and an injection nozzle section (2). The pump section (1) and the nozzle section (2) communicate via a high-pressure line (3). Control valves (8, 10) are disposed in the pump section (1) and are actuated by an actuator (9). The injection parameters are determined during the pre-injection phase (28), the pressure build-up phase (29) and during the main injection phase (30) by means of the actuation of the actuator (9).

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