

Title (en)

DISCHARGING BY-PASS FOR HIGH PRESSURE DIRECT INJECTION PUMP

Title (de)

ENTLASTUNGS-BYPASS FÜR HOCHDRUCKPUMPE MIT DIREKTEINSPRITZUNG

Title (fr)

BY-PASS DE DELESTAGE POUR POMPE A INJECTION DIRECTE A HAUTE PRESSION

Publication

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Application

EP 98924389 A 19980506

Priority

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Abstract (en)

[origin: FR2763100A1] The invention concerns a discharging device for a high pressure direct injection pump (10) supplying fuel to a motor vehicle engine injector ramp (6), the pump (10) being supplied with fuel by a low pressure electric supercharging pump (11) communicating with a fuel tank (14) and the high pressure delivered being regulated by a pressure regulator (9), said pressure regulator (9) operating as a three-way valve supplying fuel, below a predetermined threshold of the engine rotation speed, to the ramp (6) by the supercharging pump (11), then supplying said ramp (6) through the injection pump (10) top part when the engine speed is above the predetermined threshold.

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