Title (en)

COMMON-RAIL SYSTEM COMPRISING A CONTROLLED HIGH-PRESSURE PUMP AS A SECOND PRESSURE REGULATOR

Title (de)

COMMON-RAIL-SYSTEM MIT EINER GESTEUERTEN HOCHDRUCKPUMPE ALS ZWEITES DRUCKREGELMITTEL

Title (fr)

SYSTEME D'INJECTION PAR ACCUMULATION DE PRESSION, COMPORTANT UNE POMPE HAUTE PRESSION REGULEE SERVANT DE DEUXIEME ORGANE DE REGULATION DE PRESSION

Publication

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Application

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Abstract (en)

[origin: DE19916100A1] The invention relates to a method and a device for controlling an internal combustion engine, in particular, an internal combustion engine comprising a common-rail system. At least one pump supplies fuel to an accumulator. The pressure in the accumulator is detected. A distinction is made between a first and a second operating mode, starting from at least one rotational speed signal and/or load signal. At least a first pressure regulator is used to regulate the pressure in the first operating mode and at least a second pressure regulator is used to regulate the pressure in the second operating mode.

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