

Title (en)  
METHOD FOR CONTROLLING RAIL PRESSURE

Title (de)  
VERFAHREN ZUR RAILDRUCKREGELUNG

Title (fr)  
PROCÉDÉ DE RÉGULATION DE LA PRESSION DE RAMPE

Publication  
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Application  
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Abstract (en)  
[origin: WO2012167916A2] The invention relates to a method for controlling the rail pressure of an internal combustion engine in a V arrangement having an unequal ignition sequence, in which method an actual rail pressure is calculated from the measured rail pressure, a control deviation is determined on the basis of the actual rail pressure and a target rail pressure, and a manipulated variable for controlling a pressure actuator, in particular a suction throttle, is calculated in order to control the rail pressure. The invention is characterized in that the actual rail pressure is calculated from the measured rail pressure by means of a mean value filter, in that below a limit rotational speed (nLi) the rail pressure is averaged over a constant time and above the limit rotational speed (nLi) the rail pressure is averaged over a working cycle of the internal combustion engine.

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