

Title (en)

METHOD FOR EQUALIZING THE DIFFERENCES IN INJECTION QUANTITIES BETWEEN THE CYLINDERS OF A COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR GLEICHSTELLUNG DER EINSPRITZMENGENUNTERSCHIEDE ZWISCHEN DEN ZYLINDERN EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE COMPENSATION D'ECARTS DE QUANTITES D'INJECTION ENTRE LES CYLINDRES D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2005075806A1] The invention relates to a method for equalizing the differences in injection quantities between the cylinders of a combustion engine during which an adaptation of the differences in injection quantities, of the injection curves and of the hydraulic start of injection is carried out for different operating points of the combustion engine for at least one selected injection parameter. During this adaptation, the dynamics of a selected operating point are limited. The differences in injection quantities are determined for this selected operating point and are learned as adaptation values that are assigned to the respective injection parameter. In order to limit the dynamics, the injection parameter is set so that the selected operating point remains essentially stationary.

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