

Title (en)

METHOD OF CYLINDER-SELECTIVE CONTROL OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR ZYLINDERSELEKTIVEN STEUERUNG EINER SELBSTZÜNDENDEN BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE COMMANDE CYLINDROSELECTIVE DE MOTEUR A COMBUSTION INTERNE SPONTANEE

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Application

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Abstract (en)

[origin: US6082330A] PCT No. PCT/EP97/04350 Sec. 371 Date Apr. 16, 1998 Sec. 102(e) Date Apr. 16, 1998 PCT Filed Aug. 9, 1997 PCT Pub. No. WO98/07971 PCT Pub. Date Feb. 26, 1998A method for the cylinder-selective control of combustion processes in diesel engines. In this case, a measuring device with associated processing unit is used to detect the rotational crankshaft angle and to determine the instantaneous rotational crankshaft speed. A control device determines suitable parameters from the rotational crankshaft speed, which parameters permit a cylinder-selective equalizing or a defined unequalizing of the mean pressures in various operating ranges of the internal combustion engine, thereby minimizing the effects of component differences in the fuel feed system and the combustion system on the combustion process.

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