

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

Publication

**EP 0858555 A2 19980819 (DE)**

Application

**EP 97943802 A 19970809**

Priority

- DE 19633066 A 19960816
- EP 9704350 W 19970809

Abstract (en)

[origin: WO9807971A2] The invention pertains to a method for cylinder-selective control of the internal combustion in an self-ignited diesel engine. A measuring device with related processing unit indicates the crankshaft rotation angle and determines the number of revolutions of said crankshaft at a given time. Based on that number, a control instrument provides the relevant parameters for cylinder-selectively equalizing means pressures, or de-equalizing them according to a definite value, thus minimizing the effects on the combustion process of differences between structural components involved in the fuel supply system and said combustion process.

IPC 1-7

**F02D 41/00**

IPC 8 full level

**F02D 45/00** (2006.01); **F02D 41/00** (2006.01); **F02D 41/04** (2006.01); **F02D 41/14** (2006.01); **F02D 41/34** (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)

**F02D 35/023** (2013.01 - EP US); **F02D 41/0085** (2013.01 - EP US); **F02D 41/38** (2013.01 - EP US); **F02D 41/008** (2013.01 - EP US); **F02D 41/1498** (2013.01 - EP US); **F02D 2041/226** (2013.01 - EP US)

Citation (search report)

See references of WO 9807971A2

Designated contracting state (EPC)

AT BE CH DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9807971 A2 19980226; WO 9807971 A3 19980416**; AT E237076 T1 20030415; BR 9706662 A 19990720; DE 19633066 A1 19980430; DE 19633066 C2 19980903; EP 0858555 A2 19980819; EP 0858555 B1 20030409; JP 2000500209 A 20000111; US 6082330 A 20000704

DOCDB simple family (application)

**EP 9704350 W 19970809**; AT 97943802 T 19970809; BR 9706662 A 19970809; DE 19633066 A 19960816; EP 97943802 A 19970809; JP 51034598 A 19970809; US 5163898 A 19980416