



(11) **EP 1 586 751 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**24.03.2010 Bulletin 2010/12**

(51) Int Cl.:  
**F01M 1/16 (2006.01) F01M 1/08 (2006.01)**

(43) Date of publication A2:  
**19.10.2005 Bulletin 2005/42**

(21) Application number: **05007869.0**

(22) Date of filing: **11.04.2005**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR**  
Designated Extension States:  
**AL BA HR LV MK YU**

(30) Priority: **16.04.2004 JP 2004121098**

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(54) **Internal combustion engine with cylinder lubricating system**

(57) An internal combustion engine having a plurality of lubricators (12a, 12b, 12c...12n) attached to one cylinder (11) for supplying lube oil in the common lube oil feeding section (15) to the inner surface of the cylinder (11), wherein are provided a plurality of electromagnetic valves (17a, 17b, 17c...17n) for opening or closing oil passages (16a, 16b...16n) connecting to the lubricators independently; lube oil supply pressure detectors (21) for detecting the lube oil supply pressure of each of the lu-

bricators; and a controller (19) which controls the timing and period of opening of each of said electromagnetic valves in accordance with loads and rotation speeds of the engine, compares the detected lube oil supply pressure of each of the lubricators with a permissible value of lube oil supply pressure, and judges that abnormality has occurred in lube oil supply when the detected lube oil supply pressure exceeds the permissible value.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 05 00 7869

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 17 February 2010	Examiner Flamme, Emmanuel
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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