

Title (en)

Cylinder lubricating device for an engine

Title (de)

Zylinderschmiersystem für eine Hubkolbenbrennkraftmaschine

Title (fr)

Dispositif de lubrification de cylindre d'un moteur à combustion interne

Publication

**EP 1767751 B1 20080730 (DE)**

Application

**EP 06120296 A 20060907**

Priority

- EP 05405555 A 20050923
- EP 06120296 A 20060907

Abstract (en)

[origin: EP1767751A1] The system has a module attached with a lubricant pump, so that the pump provides a mechanically stable base plate (2), through which integration of a control device (3), pressure sensor (4) and control valve (5) in the module is made. A duct (61) with a T-shaped intersection (62) and a branch connection for servo oil are integrated within the plate. The sensor is arranged between the pump and a lubricant nozzle to monitor intermittent supply of the lubricant. An independent claim is also included for a method for lubricating a contact surface of a piston using the cylinder lubricating system.

IPC 8 full level

**F01M 1/02** (2006.01); **F01M 1/08** (2006.01); **F01M 1/14** (2006.01); **F01M 1/16** (2006.01); **F01M 9/00** (2006.01)

CPC (source: EP KR)

**F01M 1/02** (2013.01 - EP); **F01M 1/06** (2013.01 - KR); **F01M 1/08** (2013.01 - EP); **F01M 1/14** (2013.01 - EP); **F01M 1/16** (2013.01 - EP KR); **F01M 9/00** (2013.01 - EP)

Cited by

EP2395208A1; DK178033B1; WO2019114904A1; US10851940B2; US12025269B2; WO2023088526A1; EP3869016A1; WO2019114903A1; KR20200096304A; KR20200096291A; EP3910169A1; EP2961951B1; EP2961951B2

Designated contracting state (EPC)

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**EP 1767751 A1 20070328**; **EP 1767751 B1 20080730**; AT E403070 T1 20080815; CN 1944966 A 20070411; CN 1944966 B 20110209; DE 502006001227 D1 20080911; DK 1767751 T3 20081117; JP 2007085349 A 20070405; JP 4820254 B2 20111124; KR 101256399 B1 20130425; KR 20070034436 A 20070328; PL 1767751 T3 20090130

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