

Title (en)

Engine oil level adjusting apparatus

Title (de)

Ölstand Einstellungsrichtung für Brennkraftmaschine

Title (fr)

Dispositif de réglage du niveau d'huile pour un moteur à combustion

Publication

EP 1715148 A3 20100825 (EN)

Application

EP 06112611 A 20060413

Priority

JP 2005125556 A 20050422

Abstract (en)

[origin: EP1715148A2] In an engine oil level adjusting apparatus including an oil pan (3) provided to a lower portion of an engine main body (1), a sub tank (5) communicating with the oil pan, and oil feeding means (6) for selectively feeding engine oil between the oil pan and the sub tank in both ways, there are provided viscosity measuring means (7) for measuring a viscosity of the engine oil in the oil pan, amount-of-remaining oil detecting means (8) for measuring the amount of engine oil in the oil pan, and control means (9) for determining an appropriate oil level in the oil pan on the basis of the viscosity of engine oil obtained by the viscosity measuring means and for driving the oil feeding means so as to obtain the appropriate oil level.

IPC 8 full level

F01M 11/06 (2006.01)

CPC (source: EP)

F01M 1/16 (2013.01); **F01M 9/02** (2013.01); **F01M 11/06** (2013.01); **F01M 11/12** (2013.01); **F01M 2011/1473** (2013.01); **F01M 2011/148** (2013.01)

Citation (search report)

- [X] JP S6245316 U 19870319
- [IY] JP H06101441 A 19940412 - SUZUKI MOTOR CO
- [A] JP H05288031 A 19931102 - TOYOTA MOTOR CORP
- [Y] JP H08159247 A 19960621 - HINO MOTORS LTD
- [A] DE 10062552 A1 20020620 - DAIMLER CHRYSLER AG [DE]
- [A] FR 2581700 A1 19861114 - RENAULT VEHICULES IND [FR]
- [A] JP S61118519 A 19860605 - TOYOTA MOTOR CORP

Cited by

FR3060648A1; FR3017652A1; CN107345493A

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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