

Title (en)

Lubrication system with a simplified dry sump and internal combustion engine comprising such a system

Title (de)

Vereinfachtes Schmiersystem bei trockener Ölwanne und Verbrennungsmotor, der ein solches System umfasst

Title (fr)

Système de lubrification à carter sec simplifié et moteur à combustion interne comprenant un tel système

Publication

EP 1876330 A3 20100811 (FR)

Application

EP 07301035 A 20070514

Priority

FR 0605808 A 20060628

Abstract (en)

[origin: EP1876330A2] The system (10) has a pressure pump (11) supplying a high pressure lubrication circuit of an internal combustion engine with pressurized lubricating fluid from a lubricating fluid reservoir (30). A sump pump (12) sucks off the lubricating fluid dropped in an oil sump (40) and flows back the fluid in the reservoir. The pressure pump and the sump pump have a common rotational axis and a common structural part, where each pump includes a body and a cover.

IPC 8 full level

F01M 1/02 (2006.01); **F01M 1/12** (2006.01)

CPC (source: EP)

F01M 1/12 (2013.01); **F01M 2001/126** (2013.01)

Citation (search report)

- [X] EP 1571302 A1 20050907 - HONDA MOTOR CO LTD [JP]
- [X] US 6679692 B1 20040120 - FEULING JAMES J [US]
- [X] US 6314934 B1 20011113 - ITO KATSUHIKO [JP], et al
- [A] US 2005126532 A1 20050616 - SUGAMUNA NOBORU [JP], et al
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Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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