

Title (en)

METHOD AND SYSTEM FOR THERMAL MANAGEMENT OF ENGINE OIL AND VEHICLE COMPRISING SUCH A SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR WÄRMEVERWALTUNG VON MOTORÖL UND FAHRZEUG MIT SOLCH EINEM SYSTEM

Title (fr)

PROCÉDÉ ET SYSTÈME DE GESTION THERMIQUE D'HUILE DE MOTEUR ET VÉHICULE COMPORTANT UN TEL SYSTÈME

Publication

EP 3361062 B1 20211110 (EN)

Application

EP 17155539 A 20170210

Priority

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Abstract (en)

[origin: EP3361062A1] An oil system for an internal combustion engine, comprising an oil pump, an oil sump and an oil distribution system for distributing oil to engine parts, where the oil system comprises an oil container comprising a membrane delimiting the oil container in a pressure chamber and an oil chamber which is in fluid contact with the oil distribution system, where the oil container is provided with a resilient element acting on the membrane. The advantage of the invention is that the oil level in the oil sump can be reduced during normal operation of the vehicle, without affecting the lubrication of the engine during exceptional operation conditions.

IPC 8 full level

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CPC (source: EP)

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