

Title (en)

Method and device for reheating crankcase emissions and gravity collector designed for crankcase emissions

Title (de)

Verfahren und Vorrichtung zum Wiederaufheizen von Abgas und Absetzkammer für Abgas

Title (fr)

Procédé et dispositif de réchauffage de gaz de carter et chambre de décantation destinée aux gaz de carter

Publication

EP 1965045 A3 20101013 (FR)

Application

EP 08152027 A 20080227

Priority

FR 0753579 A 20070301

Abstract (en)

[origin: EP1965045A2] The method involves maintaining a temperature of a gravity collector (210) higher than the temperature i.e. zero degree Celsius, given by the heat exchange between the gravity collector and heat transfer fluid of an engine, where the heat transfer fluid is removed at an output of a heat exchanger (230) with the oil of a lubrication system of the engine. The heat exchange is obtained by circulation of the fluid on a wall of the gravity collector. An independent claim is also included for a device for reheating crankcase emissions in an engine of a motor vehicle.

IPC 8 full level

F01M 13/04 (2006.01)

CPC (source: EP)

F01M 13/04 (2013.01); **F01M 2013/0455** (2013.01)

Citation (search report)

- [A] US 6234154 B1 20010522 - SPIX THOMAS ANDREW [US]
- [A] DE 102004031499 A1 20060126 - DAIMLER CHRYSLER AG [DE]
- [A] US 4458642 A 19840710 - OKUBO AKIRA [JP], et al
- [A] EP 1130225 A1 20010905 - HONDA MOTOR CO LTD [JP]
- [A] DE 102005015583 A1 20051027 - SCANIA CV AB [SE]

Cited by

CN105829705A; FR2973071A1; EP3444454A4; CN114941558A; US10704434B2; WO2015090483A1; US10184444B2; US11946397B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1965045 A2 20080903; EP 1965045 A3 20101013; EP 1965045 B1 20121226; FR 2913249 A1 20080905; FR 2913249 B1 20120316

DOCDB simple family (application)

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