

Title (en)  
INTERNAL COMBUSTION ENGINE AND METHOD OF CLEANING OF CRANKCASE GAS

Title (de)  
VERBRENNUNGSMOTOR UND VERFAHREN ZUM REINIGEN VON KURBELGEHÄUSEGAS

Title (fr)  
MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ DE NETTOYAGE DES GAZ DE CARTER

Publication  
**EP 3470637 A1 20190417 (EN)**

Application  
**EP 17195700 A 20171010**

Priority  
EP 17195700 A 20171010

Abstract (en)  
Herein an internal combustion engine, ICE, 30 is disclosed. The ICE 30 comprises a fluid pump, and a centrifugal separator 20 for cleaning of crankcase gas. The fluid pump 34 is driven by the ICE 30 for providing a pressurised fluid. The centrifugal separator 20 comprises a centrifugal rotor and a drive arrangement, the drive arrangement being configured to utilise the pressurised fluid for driving the centrifugal rotor. The fluid pump 34 is configured to vary a pressure of the pressurised fluid independently of a rotational speed of the ICE 30. A control unit 40 of the ICE 30 is configured to control the fluid pump 34 to regulate the pressure of the pressurised fluid towards a target pressure based on at least one operational parameter of the ICE 30. The target pressure corresponds to a target rotational speed of the centrifugal rotor.

IPC 8 full level  
**F01M 13/04** (2006.01); **B04B 5/00** (2006.01); **B04B 5/12** (2006.01); **B04B 9/06** (2006.01); **F01M 13/00** (2006.01)

CPC (source: EP)  
**B04B 5/005** (2013.01); **B04B 5/12** (2013.01); **B04B 9/06** (2013.01); **B04B 9/10** (2013.01); **F01M 13/04** (2013.01); **F01M 2013/0083** (2013.01); **F01M 2013/0422** (2013.01); **F01M 2250/60** (2013.01)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3470637 A1 20190417**; WO 2019072914 A1 20190418

DOCDB simple family (application)  
**EP 17195700 A 20171010**; EP 2018077600 W 20181010