

Title (en)

Device for removing and reclaiming crank chamber gases from a combustion engine

Title (de)

Einrichtung zur Entnahme und Rückführung von Triebräumgasen aus einer Brennkraftmaschine

Title (fr)

Dispositif servant à extraire et recycler des gaz du carter d'un moteur à combustion interne

Publication

EP 2615270 A1 20130717 (DE)

Application

EP 12151058 A 20120113

Priority

EP 12151058 A 20120113

Abstract (en)

The device (2) has a flange (5) for mounting through the housing wall. A suction channel (16) and a return channel (18) are guided through the engine wall by the flange and are attached to a measuring device for detection of gases and aerosol concentrations, particularly from lubricating oil mist. The suction channel and the return channel on the engine side and away from the flange are designed as a double channel made of flexible elastomer and separated against each other by a partition wall (26). Channel openings (17,20) are diagonally formed at the ends of the double channel.

Abstract (de)

Um eine Einrichtung zur Entnahme und Rückführung von Triebräumgas aus einer Brennkraftmaschine zu verbessern, wird vorgeschlagen, dass der Ansaugkanal (16) und der Rückführungskanal (18) zumindest motorseitig ab dem Flansch aus einem flexiblen Elastomer bestehen soll. Der Ansaugkanal (16) und der Rückführungskanal (18) sind gegeneinander mittels einer Elastomertrennwand (26) getrennt und bilden so einen getrennten Doppelkanals. An den Enden des Doppelkanals sind Kanalöffnungen (17, 20) angeordnet.

IPC 8 full level

F01M 13/00 (2006.01); **F01M 11/02** (2006.01); **F16L 11/22** (2006.01)

CPC (source: EP)

F01M 11/02 (2013.01); **F01M 13/00** (2013.01); **F01M 11/10** (2013.01)

Citation (applicant)

- EP 0071391 A2 19830209 - FRANK & OCKRENT LTD [GB]
- WO 2007140640 A2 20071213 - SCHALLER AUTOMATION [DE], et al
- EP 2386733 A1 20111116 - SCHALLER AUTOMATION [DE]

Citation (search report)

- [YD] EP 2386733 A1 20111116 - SCHALLER AUTOMATION [DE]
- [Y] WO 9410491 A1 19940511 - NOBEL PLASTIQUES [FR], et al
- [A] JP S6236207 U 19870303
- [A] JP S58113811 U 19830803

Cited by

CN108050317A

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)

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