

Title (en)

Oil/air Separating device equipped with a filtering medium, designed to filter blowby gases of an internal combustion engine.

Title (de)

Ölnebelabscheidevorrichtung mit einem Filtermedium zur Kurbelraumventilung.

Title (fr)

Dispositif séparateur doté d'un média filtrant, destiné à séparer l'huile des gaz de carter d'un moteur à combustion interne

Publication

EP 2108790 A3 20101124 (FR)

Application

EP 09157605 A 20090408

Priority

FR 0852368 A 20080409

Abstract (en)

[origin: EP2108790A2] The device (10) has a T-shaped removable plug closing an upper end (11a) of an oil filling enclosure i.e. tubular channeling wall (11). The plug has a separation element (15) defining an upstream zone (Z1) that contains untreated gas and is communicated with a case of a heat engine i.e. internal combustion engine. The element defines a downstream zone (Z2) that contains treated gas i.e. blow by gas, and is communicated with an outlet orifice (S). The wall has a lower end arranged at the side of the zone (Z1). A filter medium (16) i.e. oil coalescer, is interposed inside the enclosure.

IPC 8 full level

F01M 11/04 (2006.01)

CPC (source: EP)

F01M 11/0408 (2013.01); **F01M 11/0458** (2013.01); **F01M 13/0011** (2013.01); **F01M 13/0416** (2013.01); **F01M 2011/0491** (2013.01); **F01M 2013/0016** (2013.01); **F01M 2013/0055** (2013.01); **F01M 2013/0438** (2013.01); **F01M 2013/0494** (2013.01)

Citation (search report)

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- [X] GB 1395744 A 19750529 - AUTOMOTIVE PROEUCTS LTD
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- [A] DE 29810402 U1 19980910 - HENGST WALTER GMBH & CO KG [DE]
- [A] EP 1905971 A2 20080402 - FILTRAUTO [FR]
- [A] DE 19923093 A1 20001123 - MANN & HUMMEL FILTER [DE]
- [A] EP 0395841 A1 19901107 - MANN & HUMMEL FILTER [DE]

Cited by

FR3092360A1; EP4151301A1; WO2013141825A1

Designated contracting state (EPC)

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EP 2108790 A2 20091014; **EP 2108790 A3 20101124**; **EP 2108790 B1 20130227**; FR 2929985 A1 20091016; FR 2929985 B1 20121228

DOCDB simple family (application)

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