

Title (en)

Blow by gas oil separating device

Title (de)

Ölabscheider für die Reinigung von Ölnebel enthaltendem Kurbelgehäuseentlüftungsgas einer Brennkraftmaschine

Title (fr)

Dispositif de separation de l'huile present dans le gaz du carter

Publication

EP 1464797 B1 20070502 (DE)

Application

EP 04003787 A 20040219

Priority

DE 20302824 U 20030221

Abstract (en)

[origin: EP1464797A2] A rotary-driven rotating oil separator element (OSE) fits in a casing (10) with an inlet (13) for crankcase venting gas, an outlet (14) for cleaned gas and an oil outlet (OO) (16). An inner surface of the casing's wall area round the OSE forms an oil sediment and collecting surface (15) and links to the OO. The OSE takes the form of an impeller (2) to work as a rotor and blower with blades (20). An independent claim is also included for an oil-separating device with multiple oil separators connected in parallel.

IPC 8 full level

F01M 13/04 (2006.01)

CPC (source: EP)

F01M 13/04 (2013.01); **F01M 2013/0005** (2013.01); **F01M 2013/026** (2013.01); **F01M 2013/0422** (2013.01); **F01M 2013/0427** (2013.01); **F01M 2013/0438** (2013.01)

Cited by

DE102013226610A1; CN109072739A; CN108757100A; CN109072738A; DE102008061058A1; DE102008061058B4; DE102017202069A1; CN109826940A; DE102009049024A1; DE102010015838A1; DE202016100479U1; DE102009049024B4; EP2166202A1; EP2039896A2; WO2018145906A1; US10801377B2; US11098622B2; EP2886814A1; WO2018108510A1; WO2024121547A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

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