

Title (en)

Heated separator in particular for a crankcase ventilation system

Title (de)

Beheizter Wechselabscheidereinsatz für eine Abscheider, insbesondere einer Kurbelgehäuseentlüftung

Title (fr)

Dispositif de séparation chauffant en particulier pour l'aération d'un carter de moteur

Publication

**EP 1854969 A3 20100922 (DE)**

Application

**EP 07009189 A 20070508**

Priority

DE 102006021663 A 20060510

Abstract (en)

[origin: EP1854969A2] The insert (1) has a heating wire attached to a separating medium (3) for heating the insert. The heating wire is attached in a meander-shape. The separating medium is formed laminar and wound on a filter carrier (5). Contact electrodes (6) are arranged on the separating medium or on the filter carrier, where the contact electrodes are electrically connected with the heating wire. The contact electrodes are arranged at front sides (7) of the insert. The electrodes are electrically connected with connecting sockets on an outer side of a separator.

IPC 8 full level

**F01M 13/04** (2006.01)

CPC (source: EP)

**F01M 13/04** (2013.01); **F01M 2013/0438** (2013.01); **F01M 2013/0472** (2013.01)

Citation (search report)

- [X] JP H0459319 U 19920521
- [X] DD 152917 A1 19811216 - BOHNERT WALDTRAUT, et al
- [X] DE 10361571 A1 20050721 - MANN & HUMMEL GMBH [DE]
- [I] US 2004245169 A1 20041209 - BREUSCH NORBERT [DE]

Cited by

CN103016099A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1854969 A2 20071114**; **EP 1854969 A3 20100922**; DE 102006021663 A1 20071115

DOCDB simple family (application)

**EP 07009189 A 20070508**; DE 102006021663 A 20060510