

Title (en)

FUEL FILTER CARTRIDGE AND METHOD OF USE THEREOF

Title (de)

KRAFTSTOFFFILTERPATRONE UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

CARTOUCHE DE FILTRE À CARBURANT ET PROCÉDÉ D'UTILISATION DE CETTE DERNIÈRE

Publication

EP 3055547 A4 20170726 (EN)

Application

EP 13894953 A 20131002

Priority

US 2013063047 W 20131002

Abstract (en)

[origin: WO2015050540A1] A filter cartridge in accordance with the present disclosure has a longitudinal axis and comprises a housing, a filter element, and a collar. The housing has a generally cylindrical sidewall and defines an open first end, an axially opposite second end, and a flange projecting radially away from the axis at the first end. The filter element has a ring of filter media circumscribing the axis and extending between first and second end caps. The first end cap has a generally cylindrical wall extending axially between first and second peripheral rims. The wall defines first and second seal glands adjacent the first and second rims which receive first and second seal members, respectively. A ledge projects radially outwardly from the cylindrical wall. The collar has an annular sidewall having a shoulder projecting from an inner surface. The ledge and the shoulder radially overlap and retain the flange therebetween.

IPC 8 full level

B01D 35/02 (2006.01); **F02M 37/42** (2019.01)

CPC (source: EP US)

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Citation (search report)

- [XAI] US 2011079550 A1 20110407 - KOCKSCH CHRISTIAN [DE]
- [XA] US 2006175246 A1 20060810 - KOMINE AKIYOSHI [JP]
- [X] WO 2012095124 A1 20120719 - HYDAC FILTERTECHNIK GMBH [DE], et al
- See references of WO 2015050540A1

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CN114247199A

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2015050540 A1 20150409; BR 112016007243 A2 20170801; CA 2925462 A1 20150409; CN 105705767 A 20160622; EP 3055547 A1 20160817; EP 3055547 A4 20170726

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