

Title (en)

SYSTEM AND METHOD FOR CLEANING A FILTER

Title (de)

SYSTEM UND VERFAHREN ZUR REINIGUNG EINES FILTERS

Title (fr)

SYSTÈME ET MÉTHODE DE NETTOYAGE D'UN FILTRE

Publication

EP 3319661 A1 20180516 (FR)

Application

EP 16753701 A 20160708

Priority

- EP 15175963 A 20150708
- IB 2016054117 W 20160708

Abstract (en)

[origin: WO2017006293A1] The device presented is designed to cause, in a mode of operation referred to as "normal" mode, a fluid to flow along this fluid path successively through the first cavity, the filter, the second cavity then the flow restrictor. The device is also designed to cause, in a mode of operation referred to as "purge" mode, a fluid to flow along this same fluid path through the filter but in the opposite direction to the normal flow of the fluid (in the normal mode of operation). Thanks to the "purge" mode, the fluid will detach impurities that have become trapped on the filter in order to clean same.

IPC 8 full level

A61M 5/142 (2006.01); **A61M 27/00** (2006.01); **A61M 39/02** (2006.01)

CPC (source: EP US)

A61M 5/14212 (2013.01 - EP US); **A61M 5/14244** (2013.01 - EP US); **A61M 5/14276** (2013.01 - EP US); **A61M 5/1428** (2013.01 - EP US); **A61M 27/006** (2013.01 - EP US); **A61M 39/0208** (2013.01 - EP US); **A61M 2025/0019** (2013.01 - EP US); **A61M 2039/0241** (2013.01 - US); **A61M 2205/7554** (2013.01 - US); **A61M 2209/10** (2013.01 - US)

Citation (search report)

See references of WO 2017006293A1

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)

WO 2017006293 A1 20170112; EP 3319661 A1 20180516; JP 2018521756 A 20180809; JP 6900360 B2 20210707; US 11020572 B2 20210601; US 2018193617 A1 20180712

DOCDB simple family (application)

IB 2016054117 W 20160708; EP 16753701 A 20160708; JP 2018500409 A 20160708; US 201615741539 A 20160708