

Title (en)

FILTER DEVICE

Title (de)

FILTEREINRICHTUNG

Title (fr)

SYSTÈME DE FILTRE

Publication

EP 2854986 A1 20150408 (DE)

Application

EP 13726191 A 20130529

Priority

- DE 102012209242 A 20120531
- EP 2013061067 W 20130529

Abstract (en)

[origin: WO2013178680A1] The invention relates to a filter device (1), particularly for a motor vehicle, having: - a filter housing (2); - a housing cover (3) mounted on the filter housing (2) and having a housing cover discharge opening (4); - a filter element (5) which is connectable or connected to the housing cover (3), has a filter element discharge opening (6) and separates a dirty side (7) from a clean side (8) in the filter housing (2) when mounted in the filter housing (2); - a closure element (9) which is or can be attached to the housing cover (3), and closes off both the housing cover discharge opening (4) and the filter element discharge opening (6) when attached to the housing cover (3); - wherein the closure element (9) has a first radial seal (12) by means of which the closure element (9), when attached to the housing cover (3), seals off the dirty side (7) from the clean side (8) in the filter element discharge opening (6).

IPC 8 full level

B01D 35/147 (2006.01); **B01D 35/16** (2006.01)

CPC (source: EP)

B01D 35/147 (2013.01); **B01D 35/153** (2013.01); **B01D 35/16** (2013.01); **B01D 2201/291** (2013.01); **B01D 2201/301** (2013.01);
B01D 2201/305 (2013.01); **B01D 2201/34** (2013.01)

Citation (search report)

See references of WO 2013178680A1

Citation (examination)

JP H0710407 U 19950214

Cited by

CN115400485A

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 2013178680 A1 20131205; DE 102012209242 A1 20131205; EP 2854986 A1 20150408

DOCDB simple family (application)

EP 2013061067 W 20130529; DE 102012209242 A 20120531; EP 13726191 A 20130529