

Title (en)
FILTER DEVICE

Title (de)
FILTERVORRICHTUNG

Title (fr)
DISPOSITIF FILTRANT

Publication
EP 3148670 A1 20170405 (DE)

Application
EP 15720263 A 20150430

Priority
• DE 102014007848 A 20140524
• EP 2015000885 W 20150430

Abstract (en)
[origin: WO2015180815A1] A filter device having at least one filter element (3) accommodated in a filter housing (19, 21, 61) which has at least two attachment points (A, B) serving alternately to supply non-filtrate and to remove filtrate, wherein by means of a reversal device (15) the fluid stream, which changes direction by way of the attachment points (A, B), passes through the filter element (3) in only one predefinable direction, characterized in that the reversal device has at least one valve slide mechanism (15) of which the valve piston (17), guided in a valve housing (27; 63) and controlled by the respective stream of non-filtrate in the assigned attachment point (A, B), frees the passage of the fluid stream from the unclean side (23; 77) of the filter element (3) to the attachment point (A, B) that is attached to the clean side (F) of the filter element (3).

IPC 8 full level
B01D 35/157 (2006.01)

CPC (source: EP)
B01D 35/1573 (2013.01); **B01D 2201/165** (2013.01)

Citation (search report)
See references of WO 2015180815A1

Citation (examination)
DE 19819619 A1 19991111 - REGELTECHNIK FRIEDRICHSHAFEN G [DE]

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)
DE 102014007848 A1 20151126; EP 3148670 A1 20170405; WO 2015180815 A1 20151203

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