

Title (en)
FILTER DEVICE

Title (de)
FILTERVORRICHTUNG

Title (fr)
DISPOSITIF DE FILTRATION

Publication
EP 2125147 A1 20091202 (DE)

Application
EP 08707231 A 20080124

Priority
• EP 2008000519 W 20080124
• DE 102007014813 A 20070328

Abstract (en)
[origin: WO2008116519A1] A filter device with a filter housing (1) having a fluid inlet (11) and a fluid outlet (13), and with a filter element (5) which can be received in the housing (1) and which can be exchanged. The filter element (5) has a first filter medium (27) which surrounds a first filter cavity (51) extending along a longitudinal axis. Fluid to be cleaned can flow from the outer side of the filter medium (27) to the first filter cavity (51). The filter element (5) also has a second filter medium (33) which surrounds a second filter cavity (53) which is coaxial to and lies inside the first filter cavity (51), wherein the second filter cavity (53) can make a fluid connection to the fluid outlet (13) of the filter housing (1). The invention is characterized in that a flow guide unit (57) is provided which forms two separate flow paths for the fluid to be cleaned, the first of which brings the fluid which has passed through the first filter medium (27) directly to the fluid outlet (13) of the filter housing (1), and the second of which connects the fluid inlet (11) of the filter housing to the outer side of the second filter medium (33).

IPC 8 full level
B01D 35/147 (2006.01); **B01D 29/54** (2006.01)

CPC (source: EP)
B01D 29/21 (2013.01); **B01D 29/54** (2013.01); **B01D 35/147** (2013.01); **B01D 2201/298** (2013.01)

Citation (search report)
See references of WO 2008116519A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007014813 A1 20081002; EP 2125147 A1 20091202; WO 2008116519 A1 20081002

DOCDB simple family (application)
DE 102007014813 A 20070328; EP 08707231 A 20080124; EP 2008000519 W 20080124