

Title (en)  
FILTER

Title (de)  
FILTER

Title (fr)  
FILTRE

Publication  
**EP 2498893 A1 20120919 (DE)**

Application  
**EP 10774141 A 20101027**

Priority  
• DE 102009052613 A 20091110  
• EP 2010006572 W 20101027

Abstract (en)  
[origin: WO2011057716A1] The invention relates to a filter comprising at least one first (2) and at least one second filter medium (3), said filter media defining therebetween a flow space (4) in which a device (5) for separation and flow guidance is inserted and divides the flow space such that a functional space (25, 26) is disposed adjacent to the first (2) or the second filter medium (3), respectively. The first filter medium (2) defines a hollow space (21) toward the outside and the second filter medium (3) defines a hollow space (22) toward the inside, and each of the hollow spaces (21, 22) can be connected to at least one fluid duct (23, 24). The filter is characterised in that the flow space (4) comprising the two functional spaces (25, 26) thereof can be connected to at least one further fluid duct (27) that is separated in a fluid-tight manner from the other fluid ducts (23, 24).

IPC 8 full level  
**B01D 29/54** (2006.01); **B01D 29/58** (2006.01); **B01D 29/88** (2006.01)

CPC (source: EP US)  
**B01D 29/54** (2013.01 - EP US); **B01D 29/58** (2013.01 - EP US); **B01D 29/88** (2013.01 - EP US); **B01D 46/0008** (2013.01 - EP US); **B01D 2201/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011057716A1

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

DOCDB simple family (publication)  
**DE 102009052613 A1 20110512**; CN 102648035 A 20120822; CN 102648035 B 20150701; EP 2498893 A1 20120919; JP 2013509996 A 20130321; JP 5698252 B2 20150408; US 2012199529 A1 20120809; US 8945388 B2 20150203; WO 2011057716 A1 20110519

DOCDB simple family (application)  
**DE 102009052613 A 20091110**; CN 201080050793 A 20101027; EP 10774141 A 20101027; EP 2010006572 W 20101027; JP 2012538215 A 20101027; US 201013261254 A 20101027