

Title (en)
FILTER

Title (de)
FILTER

Title (fr)
FILTRE

Publication
EP 2658630 A1 20131106 (DE)

Application
EP 11815849 A 20111215

Priority
• DE 102010056148 A 20101228
• EP 2011006323 W 20111215

Abstract (en)
[origin: WO2012089307A1] The invention relates to a filter for filtering media, having a pleated, cylindrical filter element which is arranged between a perforated cylindrical backflow prevention device and a perforated cylindrical core, wherein the filter element is arranged in pleated folds, wherein a plurality of folds have a first fold height which is greater than the difference between the radius of the backflow prevention device and the radius of the core, said folds being inclined, in a manner directed away from the outer surface of the core, at an inclination angle in each case with respect to a radial line, wherein a plurality of folds at least of a second, shorter fold height are provided and wherein the folds of the second, shorter fold height are arranged adjacent to the backflow prevention device radially towards the outside and adjacent in an alternating manner to the folds of the first fold height.

IPC 8 full level
B01D 29/21 (2006.01)

CPC (source: EP US)
B01D 29/21 (2013.01 - EP US); **B01D 27/06** (2013.01 - US); **B01D 2201/122** (2013.01 - EP US)

Citation (search report)
See references of WO 2012089307A1

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 202011109098 U1 20120210; CN 103282092 A 20130904; CN 103282092 B 20160302; DE 102010056148 A1 20120628; DE 102010056148 B4 20130103; EP 2658630 A1 20131106; JP 2014504546 A 20140224; JP 5818911 B2 20151118; US 2013264252 A1 20131010; US 9539527 B2 20170110; WO 2012089307 A1 20120705

DOCDB simple family (application)
DE 202011109098 U 20111215; CN 201180063502 A 20111215; DE 102010056148 A 20101228; EP 11815849 A 20111215; EP 2011006323 W 20111215; JP 2013546607 A 20111215; US 201113995529 A 20111215