

Title (en)
DEVICE FOR TREATING FLUID

Title (de)
VORRICHTUNG ZUM BEHANDELN VON FLUID

Title (fr)
DISPOSITIF DE TRAITEMENT DE FLUIDE

Publication
EP 3609598 A1 20200219 (DE)

Application
EP 18712863 A 20180319

Priority
• DE 102017003577 A 20170412
• EP 2018056907 W 20180319

Abstract (en)
[origin: WO2018188905A1] The invention relates to a device for treating fluid, in particular a filter device, having at least a first (12) and a second tubular element (14) which together form a composite element (10), wherein the one element (14), while forming a flow space (33) between both elements (12, 14), is received in the other element (12) in such a way that a first element (12) is arranged in the direction of the inflow side (29) of a fluid to be treated and a second element (14) is arranged in the direction of the outflow side (31) of the treated fluid in the composite element (10), and wherein both elements (12, 14) during the fluid treatment are flown through successively from the direction of the inflow side (29) to the outflow side (31). The invention is characterized in that, based on a common viewing direction (P), the first element (12) facing the inflow side (29) has at least partially a uniform or non-uniform contour and the second element (14) facing the outflow side (31) has at least partially a non-uniform or uniform contour.

IPC 8 full level

B01D 36/00 (2006.01); **B01D 29/21** (2006.01); **B01D 29/23** (2006.01); **B01D 29/33** (2006.01); **B01D 29/35** (2006.01); **B01D 29/54** (2006.01);
B01D 29/58 (2006.01); **B01D 46/00** (2006.01); **B01D 46/24** (2006.01); **B01D 46/52** (2006.01)

CPC (source: EP US)

B01D 29/21 (2013.01 - EP US); **B01D 29/232** (2013.01 - EP); **B01D 29/333** (2013.01 - EP); **B01D 29/353** (2013.01 - EP);
B01D 29/54 (2013.01 - EP); **B01D 29/58** (2013.01 - EP US); **B01D 36/003** (2013.01 - EP US); **B01D 46/003** (2013.01 - EP);
B01D 46/0031 (2013.01 - EP); **B01D 46/2411** (2013.01 - EP); **B01D 46/522** (2013.01 - EP); **B01D 46/60** (2022.01 - EP);
B01D 46/64 (2022.01 - EP); **B01D 2201/12** (2013.01 - EP US); **B01D 2201/122** (2013.01 - EP); **B01D 2201/125** (2013.01 - EP);
B01D 2201/291 (2013.01 - EP US); **B01D 2201/298** (2013.01 - EP); **B01D 2201/342** (2013.01 - EP); **B01D 2201/347** (2013.01 - EP);
B01D 2201/4038 (2013.01 - EP); **B01D 2201/4046** (2013.01 - US)

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 2018188905 A1 20181018; CN 212491895 U 20210209; DE 102017003577 A1 20181018; EP 3609598 A1 20200219;
JP 2020516454 A 20200611; US 11219847 B2 20220111; US 2020016518 A1 20200116

DOCDB simple family (application)

EP 2018056907 W 20180319; CN 201890000706 U 20180319; DE 102017003577 A 20170412; EP 18712863 A 20180319;
JP 2019556185 A 20180319; US 201816495149 A 20180319