

Title (en)
FILTER CASSETTE

Title (de)
FILTERKASSETTE

Title (fr)
CASSETTE FILTRANTE

Publication
EP 3389825 A4 20190731 (EN)

Application
EP 16876139 A 20161121

Priority
• SE 1500510 A 20151215
• SE 2016000071 W 20161121

Abstract (en)
[origin: WO2017105312A1] The invention relates to a filter cassette, during use intended to be oriented in a position for use. The filter cassette has at least two filter cells that contain a filter substance in their interiors. Positioned for use, the filter cassette has a larger height than width, and the filter cells have a larger width than height. The filter cells are delimited upwards and downwards by separating bars (1) that extend horizontally. The height of the heap of filter substance is therefore kept as low as possible, making the risk that the filter substance is being compressed low. An optimal degree of torsional rigidity is achieved as the filter cassette has a larger height than width. The filter cassette does in this fashion achieve an optimal resistance to external mechanical influences. Had the cassette been more yielding it would, when loaded, have changed shape to a larger extent and this would have given that the filter substance could sink together, but this effect is now minimized.

IPC 8 full level
B01D 46/10 (2006.01); **B01D 46/12** (2022.01); **B01D 46/30** (2006.01); **B01D 46/62** (2022.01)

CPC (source: EP SE)
B01D 46/0036 (2013.01 - EP); **B01D 46/10** (2013.01 - EP SE); **B01D 46/12** (2013.01 - SE); **B01D 46/30** (2013.01 - EP SE); **B01D 46/62** (2022.01 - SE); **B01D 53/0407** (2013.01 - EP); **B01D 2253/102** (2013.01 - EP)

Citation (search report)
• [X] WO 2006077064 A1 20060727 - LUFTECHNIK & METALLBAU AG [CH], et al
• [I] CN 204193703 U 20150311 - WANG TAO
• See references of WO 2017105312A1

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)
WO 2017105312 A1 20170622; EP 3389825 A1 20181024; EP 3389825 A4 20190731; JP 2019502538 A 20190131; SE 1500510 A1 20170616; SE 540104 C2 20180327

DOCDB simple family (application)
SE 2016000071 W 20161121; EP 16876139 A 20161121; JP 2018527748 A 20161121; SE 1500510 A 20151215