

Title (en)

METHOD AND APPARATUS FOR CLEANING AIR OR GAS FROM UNDESIRE COMPONENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON LUFT ODER GAS VON UNERWUNSCHTEN KOMPONENTEN

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT D'ÉLIMINER LES COMPOSANTS INDÉSIRABLES PRÉSENTS DANS DE L'AIR OU UN GAZ

Publication

**EP 3157656 A1 20170426 (EN)**

Application

**EP 15738829 A 20150623**

Priority

- DK PA201470379 A 20140623
- DK 2015050180 W 20150623

Abstract (en)

[origin: WO2015197074A1] Method for cleaning air or gas from undesired components, comprising the steps of: providing a porous material, in which the pores are coated with an absorbing liquid film having affinity to the undesired components, and forcing the air or gas to be cleaned through the pores coated with the absorbing liquid film, thereby promoting the absorption of the undesired components in the absorbing liquid film. And apparatus comprising a housing containing a porous material (1), in which the pores are coated with an absorbing liquid film having affinity to the undesired components, an inlet for air or gas containing the undesired components, an outlet for ejecting cleaned air or gas, and means for providing a flow of the air or gas containing the undesired components from the inlet, through the pores coated with the absorbing liquid film to the outlet.

IPC 8 full level

**B01D 53/14** (2006.01); **A62B 23/02** (2006.01); **B01D 46/00** (2006.01); **B01D 53/70** (2006.01); **B01D 53/79** (2006.01)

CPC (source: EP)

**A62B 23/02** (2013.01); **B01D 53/1487** (2013.01); **B01D 53/70** (2013.01); **B01D 53/79** (2013.01); **A62B 18/025** (2013.01); **B01D 2239/0464** (2013.01); **B01D 2252/205** (2013.01); **B01D 2257/2064** (2013.01); **B01D 2257/406** (2013.01); **B01D 2257/91** (2013.01); **B01D 2258/0266** (2013.01); **B01D 2258/06** (2013.01); **B01D 2259/4508** (2013.01); **B01D 2259/4541** (2013.01); **B01D 2259/80** (2013.01)

Citation (search report)

See references of WO 2015197074A1

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 2015197074 A1 20151230**; EP 3157656 A1 20170426

DOCDB simple family (application)

**DK 2015050180 W 20150623**; EP 15738829 A 20150623