

Title (en)

METHOD FOR SELECTING A GAS FILTERING STRUCTURE

Title (de)

VERFAHREN ZUR AUSWAHL EINER GASFILTERUNGSSTRUKTUR

Title (fr)

METHODE DE SELECTION D'UNE STRUCTURE DE FILTRATION D'UN GAZ

Publication

EP 1955044 A1 20080813 (FR)

Application

EP 06842066 A 20061129

Priority

- FR 2006051255 W 20061129
- FR 0553666 A 20051130

Abstract (en)

[origin: FR2894028A1] The method involves processing, according to a wall surface image, an image comprising a morphological erosion produced by a structuring element e.g. disk, in such a way that another image characterizing the uniformity and the homogeneity of a wall microstructure is obtained. Dimensions and the morphology of the structuring element are selected based on median diameter of pores, measured by mercury porosimetry. An independent claim is also included for a silicon carbide based filtering structure.

IPC 8 full level

G01N 15/08 (2006.01)

CPC (source: EP KR US)

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F01N 3/0222 (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **G01N 2015/084** (2013.01 - EP US); **Y10S 55/05** (2013.01 - EP US)

Citation (search report)

See references of WO 2007063250A1

Citation (examination)

"Image-Pro Plus Version 6.0 for Windows (TM) Start-Up Guide", 12 June 1998 (1998-06-12), XP055190018, Retrieved from the Internet
<URL:http://web.uvic.ca/ail/techniques/IPPStartUp.pdf> [retrieved on 20150519]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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EA 014564 B1 20101230; EA 200801473 A1 20090227; EP 1955044 A1 20080813; JP 2009517208 A 20090430; JP 5091153 B2 20121205;
KR 101298797 B1 20130827; KR 20080071578 A 20080804; MA 29971 B1 20081103; US 2009301047 A1 20091210; US 8066798 B2 20111129;
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FR 2006051255 W 20061129; JP 2008542811 A 20061129; KR 20087012938 A 20061129; MA 30955 A 20080520; US 9507106 A 20061129;
ZA 200804583 A 20080527