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(54) Title: MEDIA FOR REMOVAL OF ORGANIC COMPOUNDS

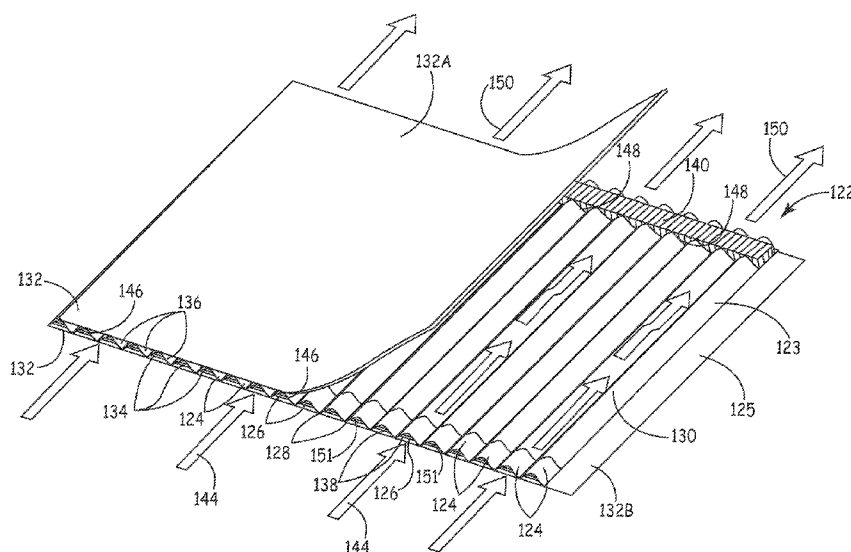


FIG. 3

(57) Abstract: An air filter having a low pressure drop and adsorbent capabilities when placed in a fluid stream is disclosed. The air filter contains activated carbon incorporated into a filter media that can be shaped into a fluted configuration. The fluted shape is maintained during operation of the air filter through the use of flow restrictors along the length of the flute. The fluted material can be rolled or stacked.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/069904**A. CLASSIFICATION OF SUBJECT MATTER****B01D 53/02(2006.01)i, B01D 39/16(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8: B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal) "activated carbon", "binder", "sheet", "flexible", "fluted filter", and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6413303 B2 (GELDERLAND et al.) 2 July 2002 see column 2, line 51 to column 4, line 35.	1-30
Y	US 2004/0118287 A1 (JAFFE et al.) 24 June 2004 see paragraphs [0035] to [0042].	1-30
Y	US 7052532 B1 (LIU et al.) 30 May 2006 see column 28 line 17 to line 57.	11,13-15,27
A	US 2005/0211100 A1 (DOUGHTY et al.) 29 September 2005 see paragraphs [0019] to [0024].	1-30
A	US 2003/0089092 A1 (BAUSE et al.) 15 May 2003 see abstract.	1-30

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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