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(54) Title: ACTIVATED CARBON FOR FUEL PURIFICATION

(57) Abstract: An activated carbon, disclosed as useful in purification and decolorization of hydrocarbon fuel, particularly gasoline, is characterized by inclusion therein of polymerized phosphoric acid. The conversion of phosphoric acid to a polymerized phosphate content occurs during phosphoric acid activation of carbon at activation temperatures in the range of 1150°-1600°F.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/010297

A. CLASSIFICATION OF SUBJECT MATTER
INV. C01B31/12 B01J20/20 C10G25/00

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)
C01B B01J C10G

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

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

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PUZIY A M ET AL: "Synthetic carbons activated with phosphoric acid - I. Surface chemistry and ion binding properties" CARBON, vol. 40, no. 9, August 2002 (2002-08), pages 1493-1505, XP004361214 ISSN: 0008-6223 "Abstract", "Introduction", 2.1 "Samples"table 1 -----	1-4
X	EP 0 467 486 A (UCAR CARBON TECHNOLOGY CORP) 22 January 1992 (1992-01-22) column 2, line 26 - line 37 column 2, line 44 - column 3, line 20 column 4, line 13 - line 33 ----- -/--	1-4

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 969 268 A (FUKUDA ET AL) 13 July 1976 (1976-07-13) column 2, line 11 - line 17 column 4, line 32 - column 5, line 2; examples 1,3,4 -----	1-4
X	US 1 610 399 A (URBAIN EDOUARD) 14 December 1926 (1926-12-14) column 1, line 1 - line 29; claim 1 column 4, line 3 - line 6 -----	1,4
X	EP 0 596 572 A (ENIRICERCH S.P.A) 11 May 1994 (1994-05-11) page 3, line 29 - line 32; examples -----	1,4

INTERNATIONAL SEARCH REPORT

Information on patent family members

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