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(54) Title: PROCESS FOR THE PRODUCTION OF HIGHLY GRAPHITIZABLE CARBON FOAM

(57) Abstract: A highly graphitizable carbon foam useful for, inter alia, battery components or high temperature applications, which includes a carbon foam produced from conventional mesophase pitch and a cross-linking agent like sulfur.

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) - C01B 31/04 (2009.01)
 USPC - 423/448
 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)
 USPC - 423/448

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 USPC - 423/448; 521/101

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 PubWEST (PGPB,USPT,USOC,EPAB,JPAB), Google Scholar:
 carbon, foam, mesophase, pitch, cross-link, sulfur, oxygen, temperature, heating, pressure, psi, green foam, graphite

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,323,160 B1 (Murdie et al.) 27 November 2001 (27.11.2001), col. 6 ln 60-65, col. 10 ln 5-12	1, 2 ----- 3-10
Y	US 5,607,770 A (Lewis et al.) 04 March 1997 (04.03.1997), col. 8 ln 44-46, col. 10 ln 15-21	3-5, 7, 10
Y	US 2003/0071384 A1 (Rogers) 17 April 2003 (17.04.2003), [0021], [0026], [0028]-[0034]	4, 5, 8, 9
Y	US 2005/0081752 A1 (Snyder et al.) 21 April 2005 (21.04.2005), [0049]	6

Further documents are listed in the continuation of Box C.

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