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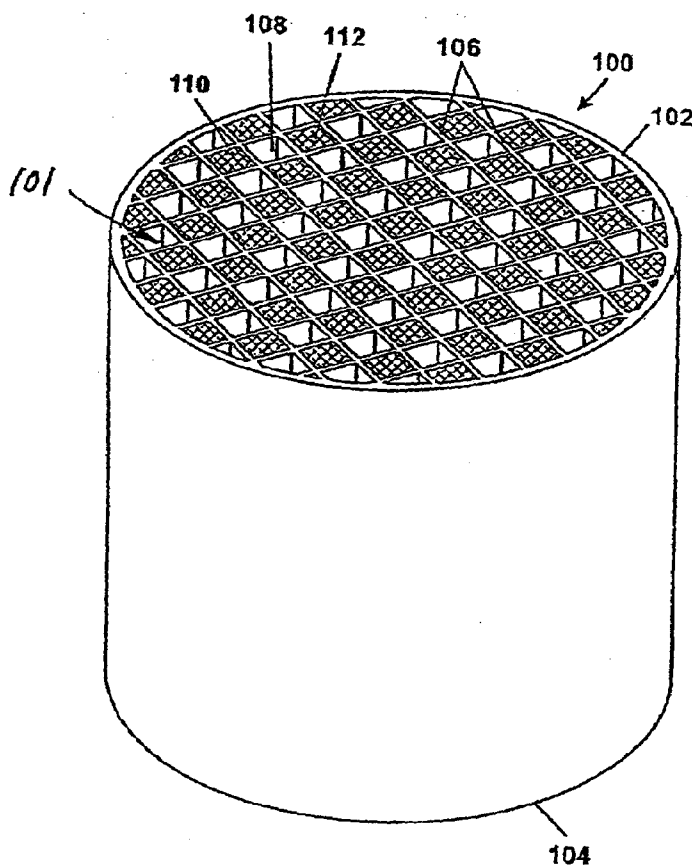
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[Continued on next page]

(54) Title: ACTIVATED CARBON HONEYCOMB CATALYST BEDS AND METHODS FOR THE MANUFACTURE OF SAME



(57) Abstract: The invention concerns activated carbon honeycomb catalyst beds for removing mercury and other toxic metals from flue gas of a coal combustion system. The activated carbon honeycomb can remove greater than 90% mercury from flue gas with a simple design and without adding material to the flue gas. A method for manufacturing the activated carbon honeycomb catalyst bed involves providing a honeycomb precursor batch composition comprising a synthetic carbon precursor and at least one toxic metal adsorption co-catalyst, shaping the batch composition to form a honeycomb green body, curing, heat treating and activating the carbonized synthetic carbon precursor.



PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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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)

B01D B01J C01B

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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☒ Further documents are listed in the continuation of Box C.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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