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(54) Title: HONEYCOMB MANUFACTURING METHOD USING GROUND NUT SHELLS AND HONEYCOMB BODY PRODUCED THEREBY

(57) Abstract: A method of manufacturing a honeycomb body is disclosed having the steps of mixing inorganic source materials, a nut shell pore former, and forming aids to form a plasticized batch, wherein the nut shell pore former has a particle size distribution with $20\ \mu\text{m} \leq d_{p50} \leq 70\ \mu\text{m}$, and forming the plasticized batch into the honeycomb body having a plurality of channels formed by intersecting walls. Green honeycombs and porous ceramic honeycombs produced by the method are also disclosed.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C04B

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.
X	US 2008/047243 A1 (BEALL DOUGLAS MUNROE [US] ET AL) 28 February 2008 (2008-02-28)	1-4, 9, 14, 16, 17, 19-21
A	abstract paragraphs [0009], [0010], [0012], [0014], [0015], [0035], [0037], [0041], [0049], [0052], [0055], [0067] - [0069], [0072], [0088]	5-8, 10-13, 15, 18, 22
A	US 2004/261384 A1 (MERKEL GREGORY A [US] ET AL) 30 December 2004 (2004-12-30) abstract paragraphs [0009], [0021], [0023], [0024] ----- -/--	1-22

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

☒ See patent family annex.

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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.
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A	US 2007/214759 A1 (MERKEL GREGORY A [US]) 20 September 2007 (2007-09-20) abstract paragraph [0030]	1-22
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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