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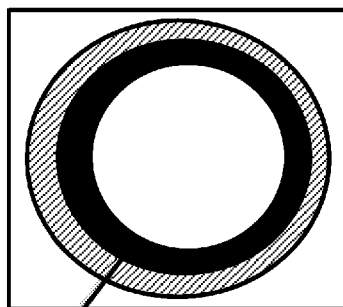
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(54) Title: DEVICES, SYSTEMS AND METHODS FOR PRINTING THREE-DIMENSIONAL OBJECTS

FIG. 2C



215

(57) Abstract: The present disclosure provides systems and methods for printing three-dimensional objects. A method for printing a three-dimensional object may comprise alternately and sequentially applying a stream comprising a binding substance to an area of a layer of powder material in a powder bed, and generating at least one perimeter of the three-dimensional object in the area. The stream may be applied in accordance with a model design of the three-dimensional object. The at least one perimeter may be generated in accordance with the model design.



INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(8) - B29C 64/106, B29C 64/20, B33Y 10/00 (2019.01)
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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)

See Search History Document

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

See Search History Document

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

See Search History Document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y -- A	US 2004/0003741 A1 (ISKRA et al.) 08 January 2004 (08.01.2004) Abstract, para[0004], [0007], [0021], [0086], [0104], [0154], [0156], [0175], [0195], [0202]-[0204], [0209], [0225]; Claim 16; Figure 7	1-30, 32-35, 37-39, 42, 44-46, 49-50 ----- 31, 36, 40-41, 43, 47-48
Y -- A	US 6,209,420 B1 (BUTCHER et al.) 03 April 2001 (03.04.2001) Abstract, Col 6 lines 62-65; Col 7 lines 25-30; Col 9 lines 11-16, 48-51, Col 11 lines 34-41; Col 12 lines 22-26, 50-52; Col 13 lines 45-50; Col 16 lines 14-16, 66-67; Col 17 lines 4-9, 23-26; Col 23 lines 23-27; Claim 15	1-30, 32-35, 37-39, 42, 44-46, 49-50 ----- 31, 36, 40-41, 43, 47-48
A	US 2001/0045678 A1 (KUBO et al.) 29 November 2001 (29.11.2001) Entire document	1-50
A	US 2017/0203514 A1 (THE EXONE COMPANY) 20 July 2017 (20.07.2017) Entire document	1-50
A	US 2004/0169699 A1 (HUNTER et al.) 02 September 2004 (02.09.2004) Entire document	1-50
A	WO 2016/186609 A1 (HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.) 24 November 2016 (24.11.2016) Entire document	1-50

Further documents are listed in the continuation of Box C.

See patent family annex.

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