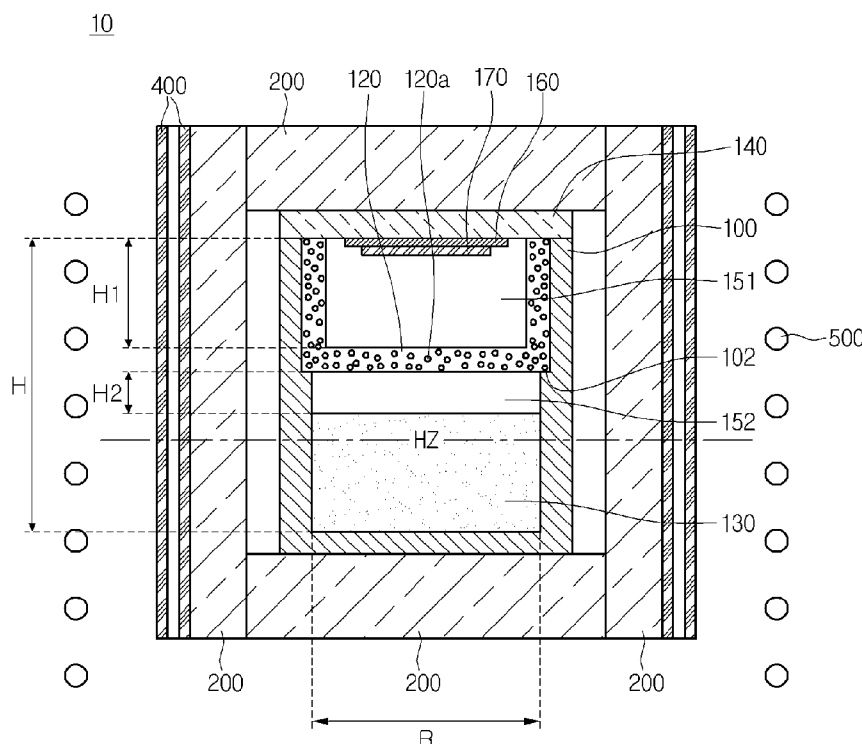




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MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
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[Continued on next page]

(54) Title: APPARATUS FOR FABRICATING INGOT



(57) Abstract: Disclosed is an apparatus for fabricating an ingot. The apparatus includes a crucible to receive a raw material, a holder disposed at an upper portion of the crucible to fix a seed, and a filter part in the crucible. The filter part is spaced apart from a surface of the raw material.

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A. CLASSIFICATION OF SUBJECT MATTER***C30B 23/00(2006.01)i, C30B 29/36(2006.01)i, H01L 21/205(2006.01)i***

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)

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: silicon carbide,filter part,carbon-based membrane,crucible

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2006-0254505 A1 (VALERI TSVETKOV et al.) 16 November 2006 See the abstract, fig. 1, and paragraph [21]- paragraph [65]	1-16
A	US 2008-0072817 A1 (ZWEIBACK et al.) 27 March 2008 See the abstract, fig. 3 and paragraph [40] - paragraph [71]	1-16
A	US 2007-0240630 A1 (ROBERT LEONARD et al.) 18 October 2007 See the abstract, fig.8 - fig.11 and paragraph [52] - paragraph [215]	1-16



Further documents are listed in the continuation of Box C.



See patent family annex.

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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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International application No.

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