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(54) Title: HYDROBLOW PREFORM DESIGN

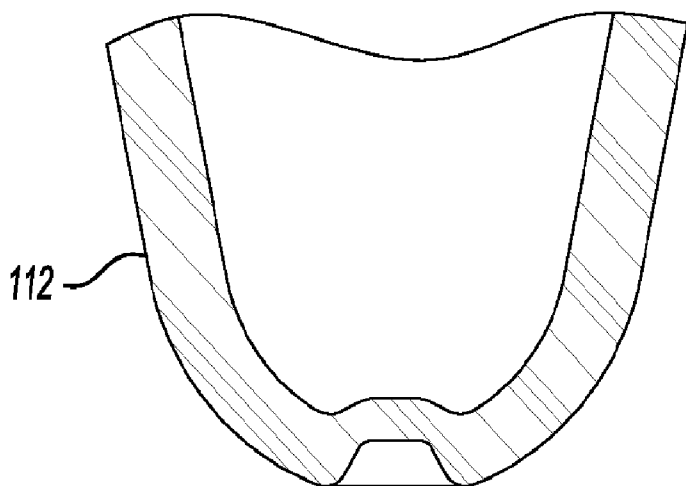


Fig-3A

(57) Abstract: A mold device for forming a plastic container from a preform. The preform includes at least one exterior feature formed thereon. The mold device comprises a mold defining a mold cavity, and a central exterior rod being movable within the mold cavity. The central exterior rod includes a locating feature formed therewith that is engagable with the at least one exterior feature of the preform for maintaining a central orientation of the preform within the mold cavity during forming.



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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)

B29C 49/02; B29C 49/08; B65D 1/00; B29C 49/06; B65D 85/70; B29C 17/07; B29C 49/56

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 04457688A A (CALVERT, J. W. et al.) 03 July 1984 See Column 1, lines 33-51; Fig 1-4; Claims 1-17	1-27
A	US 04725464A A (COLLETTE, W. N.) 16 February 1988 See the whole document	1-27
A	US 05599496A A (KRISHNAKUMAR, S. M. et al.) 04 February 1997 See the whole document	1-27
A	US 05635226A A (KODA, H. et al.) 03 June 1997 See the whole document	1-27

 Further documents are listed in the continuation of Box C. See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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