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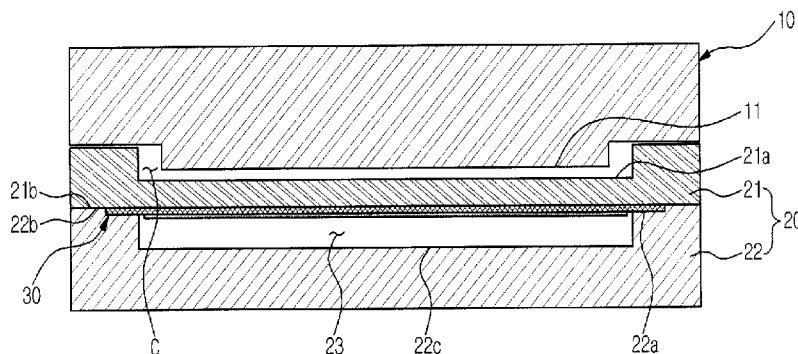
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(54) Title: INJECTION MOLDING APPARATUS



(57) Abstract: An injection molding apparatus is provided. The injection molding apparatus includes a mold, a plate heater mounted to the mold to heat the mold, and a cooling passage provided above or below the plate heater.

A. CLASSIFICATION OF SUBJECT MATTER***B29C 45/12(2006.01)i, B29C 45/72(2006.01)i, B29C 45/73(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: injection molding, cavity, plate heater, cooling passage

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-2006-0102587 A (KIM, DONG HAK et al.) See claims 1-9	1-13
A	KR 10-2011-0029450 A (KU, IN MOE) 23 March 2011 See claims 1-3	1-13
A	KR 10-2007-0110991 A (LG ELECTRONICS INC.) 21 November 2007 See claims 1-16	1-13
A	KR 10-2009-0010438 A (SAMSUNG ELECTRONICS Co., LTD.) 30 January 2009 See claims 1-14	1-13



Further documents are listed in the continuation of Box C.



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"&" document member of the same patent family

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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