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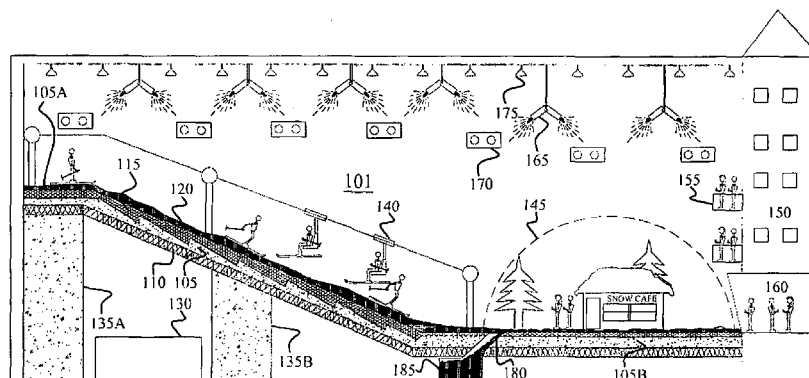
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(54) **Title:** SNOW/ ICE MAKING & PRESERVING METHODS



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Fig. 1

(57) **Abstract:** This invention relates to method and system for making of artificial snow or ice for outdoor as well as indoor artificial ski as well as method and systems for preserving ice for winter recreational activities, all year round for indoor facilities and at least half year or longer for outdoor facilities. It also relates to method and systems for preserving ice using embedded coolant lines capable of absorbing the heat from the thermal storage medium through a coolant and passing on same further to snow/ice layer. It also relates to method and systems for circulating waste snow/ ice and using the thermal energy stored for snow making.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/000108**A. CLASSIFICATION OF SUBJECT MATTER*****F25C 3/04(2006.01)i, F25C 3/02(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)

F25C 3/04; F25C 1/12; E01C 13/12; A63C 19/10

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: "artificial", "preserve", "maintain", "extend"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7269959 B2 (MALCOM GEORGE CLULOW) 18 September 2007 See abstract, columns 2, 4, 5 and figures 1, 4, 5.	1-6, 10-20
A	See abstract, columns 2-6 and figures 1, 4, 5.	7-9
X	US 05327738 A (MORIOKA; KOJI et al.) 12 July 1994 See abstract, columns 8, 12 and figure 4.	1-5
A	See abstract, columns 8, 12, 13 and figure 4.	6-20
A	US 06079161 A (TOMIOKA; MASAHIRO et al.) 27 June 2000 See abstract, columns 11, 12 and figure 6.	1-20
A	JP 07-055307 A (NKK CORP) 03 March 1995 See abstract and figure 1.	1-20



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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